



中國建築股份有限公司
CHINA STATE CONSTRUCTION ENGRG.CORP.LTD

2022

INTERIM REPORT

Stock Code: 601668.SH



Cover Photo: Sanxingdui Ancient Shu Cultural Site Museum
and its ancillary facilities in Sichuan



CORPORATE MISSION

Expanding a happy
living environment



CORPORATE VISION

To be the most internationally
competitive investment and
construction enterprise



CORE VALUES

Quality assurance and
value creation

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CHINA SECURITIES REGULATORY COMMISSION
SHANGHAI STOCK EXCHANGE

The Company prepared its 2022 Interim Report in accordance with relevant regulations and guidelines set forth by the China Securities Regulatory Commission and the Shanghai Stock Exchange, including the Standards for the Contents and Formats of Information Disclosure by Companies Offering Securities to the Public No. 3 – Contents and Formats of Semi-Annual Reports, the Shanghai Stock Exchange Listing Rules and other relevant regulations and guidelines. This is a free translation into English of a report issued in China and is provided solely for the convenience of English-speaking readers. This report should be read in conjunction with, and is construed in accordance with, China law and professional auditing standards applicable in China. Should there be any inconsistency between the Chinese version and the English version, the Chinese version shall prevail. Investors can access the Company's 2022 Interim Report on the website of the Shanghai Stock Exchange (www.sse.com.cn).

Index of documents available for inspection	Financial statements signed and sealed by the Company's legal representative (Chairman), person-in-charge of the accounting affairs (chief financial officer) and person-in-charge of the accounting department (head of the accounting department)
	The original review report with the seal of the accounting firm and signatures and seals of the certified public accountants
	The originals of all Company documents and manuscripts of announcements publicly disclosed in newspapers designated by the China Securities Regulatory Commission during the Reporting Period

AT A GLANCE

Going all out to stabilize growth and enhance value creation capability 

Newly signed contract value amounted to

RMB2,024.5 billion 

a year-on-year increase of

10.8% 

Achieving revenue of

RMB1,060.8 billion 

a year-on-year increase of

13.2% 

Achieving net profit attributable to shareholders of the Company of

RMB28.5 billion 

a year-on-year increase of

11.2% 

Weighted average return on net assets was

7.99% 

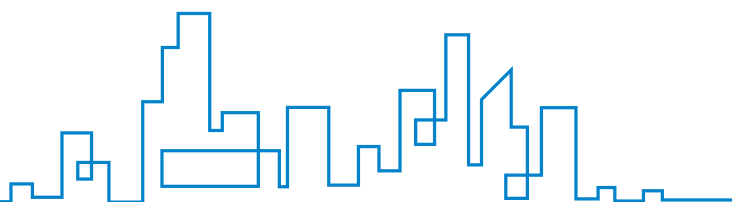
remaining the leading level in the industry

Basic earnings per share was

RMB0.68 

a year-on-year increase of

9.7% 



Principal businesses improved steadily



Consolidation on the advantages in housing construction



Newly signed contract value amounted to

RMB1,317.5 billion

a year-on-year increase of

9.1%



Achieving revenue of

RMB679.4 billion

a year-on-year increase of

14.0%



Infrastructure business grew rapidly



Newly signed contract value amounted to

RMB514.8 billion

a year-on-year increase of

31.1%



Achieving revenue of

RMB222.9 billion

a year-on-year increase of

15.2%



Survey and design business was under further pressure



Newly signed contract value amounted to

RMB6.2 billion

a year-on-year decrease of

1.8%



Achieving revenue of

RMB5.0 billion

a year-on-year increase of

1.3%



Real estate business maintained healthy and stable development

Contract sales amount was

RMB186.0 billion

a year-on-year decrease of

15.3%



Contract sales area was

7.25 million square meters

a year-on-year decrease of

27.7%



Newly acquired land reserve was

5.57 million square meters

Land reserve at the end of the period was

100.11 million square meters



Investment properties self-held reached

12.60 million square meters

Achieving revenue of

RMB2.89 billion



Overseas business developed amid stability

Newly signed contract value amounted to

RMB68.8 billion

a year-on-year increase of

1.9%



Achieving revenue of

RMB56.1 billion

a year-on-year increase of

26.6%



Going all out to seize strategic opportunities with a commitment to serving the overall development of the country



Completed the construction of **28** Beijing Winter Olympic venues and ancillary projects with high quality

Deep-rooted construction in such regions as the **Beijing-Tianjin-Hebei Region**, **the Yangtze River Economic Belt**, **the GBA**, **Yellow River Basin**

Participated in the **“BRI”** construction and facilitated the outstanding performance of overseas projects

Going all out to deepen reform to enhance the Company’s development momentum



Systematically promoted more than 100 tasks on reform such as the modern corporate system with Chinese characteristics, the tenure system and contractual management;

The Company and two of its subsidiaries were listed in Corporate Governance Demonstration Enterprises by the SASAC, ranking first in terms of number of selected enterprises;

The special action of “pursuing conservation and running enterprises economically” was carried out and the general and administrative expenses per hundred income reduced by 11.7% year-on-year.

Going all out to accelerate technology innovation to enhance core competitiveness



Established 8 technological innovation platforms including **green construction**, **intelligent construction** and **major equipment**

Participated in the construction of the **“National Center of Technology Innovation for Digital Construction”**, the only national-level center in the digital construction field

Actively explored the application of **5G** and **blockchain** technology in the construction industry.

Going all out to practice social responsibility with a commitment to driving the sustainable development of the Company



Established **456** pandemic prevention facilities in Hong Kong, Jilin, Shanghai and other cities, which can provide **470,000** beds in total

Promoted the common development of **600,000** upstream and downstream companies and precisely supported **4,829** small and micro enterprises and individually owned businesses

Enrolled **32,000** fresh graduates and provided jobs for **2.4** million migrant workers

Actively participated in projects in such sectors as environmental and ecological restoration and clean energy, to create green and low-carbon buildings

IMPORTANT NOTES

- I. **The Company's Board of Directors, Board of Supervisors and its directors, supervisors and officers guarantee that the Interim Report contains true, accurate and complete information and no false representations, misleading statements or material omissions, or otherwise they will accept several and joint legal responsibility.**
- II. **This Interim Report was passed at the 23rd meeting of the third session of the Board of Directors of the Company, at which all the Directors of the Company had attended.**
- III. **This Interim Report is unaudited. Ernst & Young Hua Ming LLP (Special General Partnership) has reviewed the 2022 interim financial report of the Company and issued a review report.**
- IV. **Zheng Xuexuan, the Company's legal representative (Chairman); Wang Yunlin, person-in-charge of the accounting affairs (chief financial officer); and Xie Song, person-in-charge of the accounting department (head of the accounting department) guarantee that the financial report set out in the Interim Report is true, accurate and complete.**
- V. **The proposed profit distribution plan or the proposed conversion plan of reserves to share capital for the Reporting Period considered by the Board of Directors**

N/A

VI. Risk statement with respect to forward-looking statements

Applicable N/A

This Interim Report contains certain forward-looking statements made on subjective assumptions and judgments on future policies and economic trends, which may differ from the actual results or trends due to a range of variables.

The forward-looking statements regarding future plans, development strategies, etc. contained in this Interim Report do not constitute a material commitment by the Company to investors, and investors are advised to exercise attention.

VII. Whether there is any non-operating misappropriation of funds of the Company by the controlling shareholder and its related parties

No

VIII. Whether the Company has provided any guarantee in favor of external parties in violation of the prescribed decision-making procedures

No

IX. Whether more than half of the Directors are unable to guarantee the truthfulness, accuracy and completeness of the Interim Report disclosed by the Company

No

X. Warning on major risks

During the Reporting Period, the Company was not exposed to major risks.

The Company has described possible related risks in detail in this Interim Report. Please refer to the relevant information set out in "(I) Potential risks" of "V. Other Disclosures" under Section III "MANAGEMENT DISCUSSION AND ANALYSIS".

XI. Miscellaneous

Applicable N/A

In addition to the reviewed financial data, the business data used in this Interim Report comes from the management of the Company.

SECTION I DEFINITIONS

In this Interim Report, unless the context otherwise requires, the following words shall have the following meanings:

Definitions

CSCEC/the Company	China State Construction Engineering Corporation Limited (中国建筑股份有限公司)
China State Construction/the Group	China State Construction Engineering Corporation (中国建筑集团有限公司)
China Construction First Group Corporation to Eighth Engineering Division	China Construction First Group Corporation Limited to China Construction Eighth Engineering Division Corp. Ltd. (中国建筑一局(集团)有限公司至中国建筑第八工程局有限公司)
Xinjiang Construction & Engineering	CSCEC Xinjiang Construction & Engineering (Group) Co., Ltd. (中建新疆建工(集团)有限公司)
COHL	China Overseas Holdings Limited (中国海外集团有限公司)
CSCEC International Operations	China State Construction Engineering Corporation International Operations (中国建筑国际工程公司)
China Overseas	The real estate development brand and business owned by China Overseas Land & Investment Ltd. (中国海外发展有限公司) (00688.HK), a subsidiary of COHL
CSC Land	The real estate brand and business other than “China Overseas” that CSCEC is engaged in
China Overseas Land & Investment	China Overseas Land & Investment Ltd. (中国海外发展有限公司) (00688.HK)
CSCI	China State Construction International Holdings Limited (中国建筑国际集团有限公司) (03311.HK)
China Overseas Grand Oceans	China Overseas Grand Oceans Group Limited (中国海外宏洋集团有限公司) (00081.HK)
CSC Development	China State Construction Development Holdings Limited (中国建筑兴业集团有限公司) (00830.HK)
China Overseas Property	China Overseas Property Holdings Limited (中海物业集团有限公司) (02669.HK)
West Construction	China West Construction Group Co., Ltd. (中建西部建设股份有限公司) (002302.SZ)
China Southwest Architecture	China Southwest Architectural Design and Research Institute Corp., Ltd. (中国建筑西南设计研究院有限公司)
CSC Finance	China State Construction Finance Co., Ltd. (中建财务有限公司)
China Construction Fangcheng	China Construction Fangcheng Investment & Development Group Co., Ltd. (中建方程投资发展集团有限公司)
China Construction Capital	China Construction Capital Holdings Limited (中建资本控股有限公司)
China State Decoration	China State Decoration Group Co., Ltd. (中国建筑装饰集团有限公司)
China Construction Infrastructure	China Construction Infrastructure Co., Ltd. (中国建设基础设施有限公司)
CSCDC	China State Construction Development Co., Ltd. (中国建筑发展有限公司)
China Construction Science and Industry	China Construction Science and Industry Corporation Ltd. (中建科工集团有限公司) (formerly known as China Construction Steel Structure Co., Ltd. (中建钢构有限公司))
China Construction Science & Technology	China Construction Science & Technology Group Co., Ltd. (中建科技集团有限公司) (formerly known as China Construction Science & Technology Co., Ltd. (中建科技有限公司))
China Construction Communications	China Construction Communications Engineering Group Co., Ltd. (中建交通建设集团有限公司)
China Construction Harbour and Channel Engineering Bureau	China Construction Harbour and Channel Engineering Bureau Group Co., Ltd. (中建港航局集团有限公司)
Articles of Association	Articles of Association of China State Construction Engineering Corporation Limited
Reporting Period	From January 1, 2022 to June 30, 2022

SECTION II COMPANY PROFILE AND KEY FINANCIAL INDICATORS

I. Information of the Company

Chinese name	中国建筑股份有限公司
Chinese abbreviation	中国建筑
English name	China State Construction Engineering Corporation Limited
English abbreviation	CSCEC
Legal representative	Zheng Xuexuan

II. Contact Details

	Secretary to the Board of Directors
Name	Xue Keqing
Address	CSC Fortune International Center, Building 3, Courtyard 5, Anding Road, Chaoyang District, Beijing
Tel	010-86498888
Fax	010-86498170
Email	ir@cscec.com

III. Overview of Changes in Basic Information

Registered address	No. 15, Sanlihe Road, Haidian District, Beijing
Historical change of the registered address	/
Office address	CSC Fortune International Center, Building 3, Courtyard 5, Anding Road, Chaoyang District, Beijing
Postal code of the office address	100029
Website	www.cscec.com
Email	ir@cscec.com
Index for changes during the Reporting Period	/

IV. Overview of Changes in Information Disclosure and Place for Inspection of Interim Report

Name of newspaper designated by the Company for information disclosure	China Securities Journal, Shanghai Securities News, Securities Times and Securities Daily
Website for publishing the Interim Report	www.sse.com.cn
Place for inspection of the Interim Report	Board office of CSCEC, CSC Fortune International Center, Building 3, Courtyard 5, Anding Road, Chaoyang District, Beijing
Index for changes during the Reporting Period	/

V. Overview of Stocks

Type	Stock exchange	Abbreviation	Stock code	Original ticker
A share	Shanghai Stock Exchange	CSCEC	601668	N/A

VI. Other Relevant Information

√ Applicable □ N/A

Accounting firm engaged by the Company (domestic)	Name	Ernst & Young Hua Ming LLP (Special General Partnership)
	Office address	Level 16, Ernst & Young Tower, Oriental Plaza, No. 1 East Chang An Avenue, Dongcheng District, Beijing, PRC
	Names of signatories	Zhou Ying, Yang Shujuan, Shen Yan

VII. Key Accounting Data and Financial Indicators of the Company

(I) Key accounting data

Unit: '000 yuan Currency: RMB

Key accounting data	Reporting Period (January to June)	Same period YoY		Change YoY (%)
		After adjustment	Before adjustment	
Revenue	1,060,771,087	936,761,966	936,715,963	13.2
Profit before income taxes	52,020,085	51,720,771	51,725,913	0.6
Net profit attributable to shareholders of the Company	28,503,338	25,637,270	25,642,823	11.2
Net profit attributable to shareholders of the Company after deducting non-recurring profit or loss	24,871,761	24,537,039	24,538,379	1.4
Net cash flows from operating activities	-68,872,020	-49,745,429	-49,744,103	/

	As at the end of the Reporting Period	As at the end of last year		Change YoY (%)
		After adjustment	Before adjustment	
Net assets attributable to shareholders of the Company	358,426,198	343,900,090	343,900,090	4.2
Total assets	2,596,852,299	2,388,249,126	2,388,249,126	8.7

(II) Key financial indicators

Key financial indicators	Reporting Period (January to June)	Same period YoY		Change YoY (%)
		After adjustment	Before adjustment	
Basic earnings per share (RMB/share)	0.68	0.62	0.62	9.7
Diluted earnings per share (RMB/share)	0.68	0.62	0.61	9.7
Basic earnings per share (RMB/share) after deducting non-recurring profit or loss	0.59	0.58	0.58	1.7
Weighted average return on net assets (%)	7.99	8.14	8.13	Decrease by 0.15 percentage points
Weighted average return on net assets after deducting non-recurring profit or loss (%)	6.96	7.77	7.77	Decrease by 0.81 percentage points
Net assets per share attributable to ordinary shareholders (RMB/share)	8.31	7.30	7.30	13.8

Explanation on the key accounting data and financial indicators of the Company

Applicable N/A

- ① When calculating earnings per share, the restricted shares that have not yet met the unlocking conditions and become invalid are deducted from the weighted average number of ordinary shares issued by the Company.
- ② According to relevant accounting requirements, when calculating earnings per share, the dividends or interests of other equity instruments such as preference shares and perpetual bonds and restricted shares shall be excluded from the net profit attributable to shareholders of the Company.
- ③ The net assets per share attributable to ordinary shareholders are the net assets attributable to shareholders of the parent company deducting other equity instruments, and then divided by the total number of issued shares as at the end of the Reporting Period.

For details, please refer to Note XI "Share-based payment", Note V. 67 "Earnings per share" to the financial statements under Section X "FINANCIAL REPORT", and SUPPLEMENTARY INFORMATION PROVIDED BY MANAGEMENT 2 "Return on net assets and earnings per share", Note VI. "Changes of consolidation scope" and other relevant information.

VIII. Differences in Accounting Data under Domestic and Foreign Accounting Standards

Applicable N/A

- (I) Differences of net profit and net assets attributable to shareholders of the Company in the financial report disclosed in accordance with the International Accounting Standards and Chinese Accounting Standards
 Applicable N/A
- (II) Differences of net profit and net assets attributable to shareholders of the Company in the financial report disclosed in accordance with the foreign accounting standards and Chinese accounting standards
 Applicable N/A
- (III) Explanation on differences between domestic and foreign accounting standards:
 Applicable N/A

IX. Statement of Non-Recurring Profit or Loss√ Applicable N/A

Unit: '000 yuan Currency: RMB

Non-recurring items	Amount	Note (if applicable)
Gains from disposal of non-current assets, including the write-off portion of the provision for impairment of assets	209,159	/
Government grants into the current profits and losses	342,409	/
The investment cost of the enterprise to obtain the subsidiary is less than the income generated by the fair value of the identifiable net assets of the investee at the time of obtaining the investment	1,236,618	/
In addition to the normal operation of the Company's effective hedging business, income/losses arising from changes in fair value and from disposal/redemption of the financial assets held for trading, derivative financial assets, financial liabilities held for trading, derivative financial liabilities and other debt investments	-12	/
Interest income from loans to non-financial corporations	53,363	/
Reversal of the provision on receivables and contract assets for impairment on an individual basis	2,121,857	/
Investment income from disposal of subsidiaries	-635	/
Losses from non-operating activities or occasional matters	1,352,043	/
Other non-operating income and expenses than the above items	282,249	/
Less: Impact on income tax	627,355	/
Impact on non-controlling interests (after tax)	1,338,119	/
Total	3,631,577	/

Explanation on the reasons for defining the non-recurring profit or loss items set out in the Explanatory Announcement No. 1 on Information Disclosure by Public Issuers – Non-recurring Profit or Loss Items (《公开发行证券的公司信息披露解释性公告第1号—非经常性损益》) as recurring profit and loss items

 Applicable N/A**X. Miscellaneous** Applicable N/A

SECTION III MANAGEMENT DISCUSSION AND ANALYSIS

I. Explanation on the Company's Principal Business, Business Model and Industry Information during the Reporting Period

(I) Principal business and business model

As one of the most integrated and largest investment and development conglomerates worldwide bestowed with the longest history of specialized development and market-oriented operation, CSCEC is a market leader in housing construction engineering, infrastructure construction and investment, real estate development and investment, survey and design, etc. CSCEC ranked 9th in Fortune Global 500 (2022) and 3rd on the list of Fortune China 500 for ten consecutive years, and continued to top the list of the Top 250 Global Contractors published by Engineering News-Record (ENR). CSCEC has been rated as Grade A by the State-owned Assets Supervision and Administration Commission (SASAC) of the State Council 17 times. The three leading global rating agencies, i.e., S&P Global Ratings, Moody's Investors Service and Fitch Ratings, affirmed CSCEC's ratings as A/A2/A (respectively) with a "Stable" outlook, the highest credit rating among the global industry peers.

CSCEC stands as one of the most competitive investment companies in China, specializing in real estate development, financing and investment for construction projects and integrated urban construction. Featuring a "four in one" business model integrating planning and design, investment and development, infrastructure construction and housing construction engineering, it provides a turnkey solution covering all aspects, processes, and elements for urban development projects, with a priority given to the synergy between internal resource integration and business development.

Tapping into more than 100 countries and regions, CSCEC, as the largest engineering contractor in the world, specializes in a broad range of business covering all aspects related to urban development and each stage throughout construction projects. The Company is well equipped with the capabilities of comprehensive design, construction and land development, and has a complete industry chain of construction products ranging from research and development (R&D) on products and technologies, survey and design, real estate development, construction contracting, equipment manufacturing and asset operation to property management. Among most super-high-rise buildings (300 meters or above) in China, many technically sophisticated and structurally complicated ones are built by CSCEC.

Fortune Global 500 (2022)

ranked **9th**

Fortune China 500 for ten consecutive years

ranked **3rd**

Top 250 Global Contractors published by Engineering News-Record (ENR)

continued to
top the list

CSCEC has been rated by the SASAC of the State Council 17 times as

Grade **A**

Three leading global rating agencies affirmed CSCEC's ratings as

A

S&P Global
Ratings

A2

Moody's
Investors Service

A

Fitch Ratings



Housing construction engineering

CSCEC has an absolute advantage in this field. It adhered to the marketing strategy of “premium market, customers, and projects” and the business strategy of “high-quality and low-cost solutions”. By continuously tapping its potential and pursuing high-quality projects, the Company is committed to providing global customers with one-stop integrated services for high, large, precise, advanced, complicated and special construction projects. The Company has built a large number of landmark buildings in niche segments such as super high-rises, large venues, industrial plants, office buildings, hotels, hospitals, and schools, leading China and even the world in housing construction.



Infrastructure construction and investment

Placing equal emphasis on infrastructure construction and project investment, CSCEC has achieved rapid development in infrastructure construction in China and the world covering urban rail transit, high-speed rail, extra-large bridges, expressways, municipal roads, urban integrated pipe corridors, ports and waterways, electric power, mining, metallurgy, petrochemicals, airports, and nuclear power plants and has completed many classic projects by relying on its strengths in technology, management and talents. Meanwhile, building on its strong capital strength, CSCEC has become a first-class infrastructure investor and developer in China. It has successively invested in and constructed a large number of national and local key projects in China, and is highly trusted in the fields of BT, BOT, PPP and other financing and investment construction models. The Company has established a long-term strategic partnership for infrastructure investment and construction with several provinces (regions) and municipalities and dozens of key cities in China. The Company’s infrastructure construction business covers dozens of countries and regions in North America, Central America, Hong Kong and Macao SARs, Southeast Asia, North Africa, Central and West Africa, South Africa, the Middle East and Central Asia.



Real estate development and investment

CSCEC owns two real estate brands, China Overseas and CSC Land. China Overseas encompasses all real estate business of COHL, and has always ranked among the most valuable property brands in China. With strong real estate business in dozens of economically dynamic cities in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA), the Yangtze River Delta, the Beijing-Tianjin-Hebei Region and other national strategic development areas, the Company maintains a well-established and balanced nationwide strategic business network. China Overseas is committed to becoming an outstanding international real estate development and operation group. China Overseas takes “transformation and upgrading” as the major guideline, accelerating the formation of a business layout that focuses on housing development, with quality commercial property development and operations as well as education, healthcare and other emerging business playing an important supportive and complementary role. CSC Land is the brand used by the real estate business of the Company’s divisions and design institutes, focusing on the middle-end real estate development in first- and second-tier cities, as well as the localized operation of real estate projects in third- and fourth-tier cities. CSCEC is committed to achieving vertical integration of a wide variety of operations ranging from investment, property development, design and construction to property operation and services. By enhancing internal resources integration and coordinated business development and leveraging extraordinary construction technology, advanced real estate development philosophy and first-class property service quality, it has established a sophisticated investment operation and risk management system in the real estate business area, and formed a unique competitive advantage in the industry chain.



Survey and design

CSCEC is the largest architectural design comprehensive conglomerate in China. Its survey and design business arm mainly consists of seven top-rated major survey and design service providers, specializing in architectural design, urban planning, engineering survey, public utility design, and many other fields. The Company has established itself as a market leader in China in the fields such as airports, hotels, sports facilities, exhibition venues, ancient architecture and super-high-rise buildings, and has made outstanding contributions to the sector in terms of design originality, technology innovation, and industry standards development.



Overseas operations

CSCEC is a pioneer in the domestic market that conducted international engineering contracting business. Its foreign engineering contracting business covers housing construction, manufacturing, energy, transportation, water conservancy, industry, petrochemical, hazardous substance treatment, telecommunications and sewage/waste treatment projects, and the Company explored and successfully completed overseas real estate projects. In terms of project operation, apart from the traditional general contracting model, the Company actively explored other project operating models, such as financing and investment channels to give an impetus to such project business models as general contracting, DB (Design-Build), EPC (Engineering-Procurement-Construct), BOT and PPP. Meanwhile, CSCEC made an active attempt in respect of capital operations such as cross-border mergers and acquisitions to enhance the quality and efficiency of overseas business development. Following the “internationalization” business philosophy, the Company has seized the development opportunities of the Belt and Road Initiative (BRI), and served the BRI countries to improve the level of infrastructure, enhance the well-being of local people, and promote the brand influence of the Company.

(II) Overview of the industry

The construction industry is an important pillar industry of the national economy and is closely related to the overall development of the national economy and the improvement of people's livelihoods. As China has been accelerating the transformation and upgrading of the construction industry in recent years, the industrial scale and construction capacity have continuously improved, making important contributions to economic and social development, urban and rural construction and improvement of people's livelihood. In January to June 2022, the total output value of the national construction industry was RMB12.9 trillion, a year-on-year increase of 7.6%; the gross floor area for housing of the national construction industry was 12.07 billion square meters, a year-on-year increase of 1.2%. In particular, the new construction area was 1.97 billion square meters, a year-on-year decrease of 12.5%; the completed construction area was 1.47 billion square meters, a year-on-year increase of 4.4%.

Accelerated new-type urbanization has created huge development potential for the housing construction market.

According to data released by the National Bureau of Statistics, at the end of 2021, the urbanization rate of the permanent population of China was 64.72%, an increase of 0.83 percentage points from that at the end of 2020. China's urbanization rate is increasing at an average rate of one percentage point every year; that is to say, 10 million people migrate to work and live in urban areas every year, which will inevitably form huge investment and construction needs in public service facilities, and housing, among others. The housing construction market still has strong vitality and huge potential for development. China is extensively implementing the people-oriented urbanization strategy and continuously optimizing the spatial layout and form of urbanization. China is vigorously promoting the integrated development of urban agglomerations such as the Beijing-Tianjin-Hebei Region, the Yangtze River Delta, the GBA, and the Chengdu-Chongqing region, developing modern metropolitan circles, strengthening the global resource allocation, scientific and technological innovation strategy, and high-end industry leading functions of megacities, improving the livable and business-friendly functions of large and medium-sized cities, and promoting urbanization construction with county towns as an important carrier. From the perspective of segments, all regions are accelerating the transformation of old urban communities, factories and blocks, strengthening the supply of indemnificatory housing and facilitating the construction of people's livelihood facilities such as medical and health care, culture and entertainment, sports and health, and nursery and elderly care, which will bring new development opportunities for construction enterprises.

The "growth stabilization" policy is starting to work and the growth of infrastructure investment is accelerating significantly.

In the first half of 2022, the central and local governments continued to focus on the investment and construction of new infrastructure, new-type urbanization and major projects regarding transportation and water conservancy, and in areas of weakness. China accelerated the construction of a transportation powerhouse to improve comprehensive transportation channels, comprehensive transportation hubs and logistics networks, and actively promoted the construction of key urban agglomerations, inter-city railways in metropolitan areas, city-suburban railways and high-grade highways and accelerated the construction of 5G, industrial Internet, and big data centers. The pace is accelerated to improve municipal engineering, agriculture and rural areas, public safety, scientific research facilities, ecological environmental protection, public health, material reserves, disaster prevention and mitigation, and people's livelihood facilities. In the first half of 2022, the national investment in infrastructure (excluding those in electricity, heat, fuel and water production and supply industries) increased by 7.1% year on year. With the moderately advanced infrastructure investment, the implementation of 102 major engineering projects and special planning key projects under the "14th Five-Year Plan" will drive the investment and construction of conventional and new infrastructure. By market segments, the total market volume of highways and railways maintained at a high level; and rail transit, water conservancy works, ecological environmental protection, and telecommunication facilities are expected to grow at the fastest pace.

Real estate is shifting to an inventory model and a new development model is underway.

In the first half of 2022, the central government maintained the positioning of “housing for living in instead of for speculation”, strengthened guidance on expectations, and explored new development models such as encouraging both housing renting and purchase. China moved faster to develop the long-term rental market, promoted the construction of indemnificatory housing, supported the commercial housing market to better satisfy homebuyers’ reasonable housing demand, and promoted a virtuous circle and healthy development of the real estate industry based on specific conditions of cities. In the first half of 2022, the national investment in real estate development amounted to RMB6.83 trillion, a year-on-year decrease of 5.4%; the national sales area of commercial properties amounted to 689 million square meters, a year-on-year decrease of 22.2%; the national sales amount of commercial properties was RMB6.61 trillion, a year-on-year decrease of 28.9%. Due to the impact of the “three red lines” and “centralized land supply” policies, the real estate incremental market stabilized, and the industry will gradually develop from an incremental model to an inventory model. As an inevitable product of the inventory model, urban renewal brings huge potential and opportunities in that it will stimulate the renovation of old communities, indemnificatory housing, long-term rental apartments, property management and others, and drive the rapid development of public supporting facilities construction and other markets.

Digitalization and green and low-carbon development have accelerated the transformation of the survey and design industry.

In the first half of 2022, the carbon peaking and carbon neutrality (“dual carbon”) goals, urban renewal and rural revitalization have vigorously driven the development of the survey and design industry, and ushered in new market opportunities for new segments such as urban planning, airport transportation design, municipal infrastructure design, and cultural venue design. Meanwhile, the application of BIM (Building Information Modeling) digital technology, the rapid advancement of novel building industrialization and intelligent construction technology represented by prefabricated buildings, as well as the continuous promotion of the general contracting model, will further empower industry transformation and innovation.

II. Analysis of the Core Competitiveness during the Reporting Period

√ Applicable □ N/A

During the Reporting Period, there were no significant changes in the core competitiveness of the Company, specifically:

(I) Market-oriented operating mechanism

As a market economy player, CSCEC adheres to the market-oriented operating mechanism, to respect, abide by, adapt to and take advantage of market rules, and gradually enhance its ability to operate in compliance with market rules. Faced with the intense market competition, CSCEC will take innovative approaches to tap into and continuously meet the real and potential needs of clients, and deliver high-quality products and value-added services to retain and attract clients. The Company will focus on performance, pursuing excellent performance through clearly defined objectives, scientific processes and efficient operations. CSCEC keeps pursuing scale growth supported by profitability. The Company will improve efficiency in turnover of assets, and achieve a higher return on assets than the industry average while utilizing and operating resources efficiently and promoting economies of scale vigorously. The Company will also continue to gain higher market share through steady growth. We always pay close attention to cash flows and take all measures to ensure net operating cash inflow for sustainable and healthy development.

(II) Direction of globalization

Adhering to the international business philosophy, solidly promoting the high-quality development of overseas business, and taking advantage of domestic and foreign markets and resources, the Company is committed to becoming a multinational company that allocates resources globally and operates efficiently. In light of the complicated business environment abroad, the Company insisted on improving quality and making progress while maintaining stability, emphasizing profitability and risk resilience, and insisting on quality and efficiency, so as to create a new situation for high-quality development of overseas business. The Company has adopted a localized operating approach. In countries where the Company operates, it endeavors to meet such countries' development needs, deeply taps into their markets and plays an important role in their urban development. Through localized operation and by establishing a community of shared interests with local partners, we contributed to the sustainable development of the host country. The Company insisted on market-oriented competition, improved its internationalization level through competition and win-win cooperation with world-class enterprises, and broadened its global thinking with a view to laying a solid foundation for the Company to participate in global competition and cooperation at a higher level and to a deeper extent.

(III) Related diversified and vertically integrated expansion

Producing or offering products and services that continue to secure, serve and satisfy clients is an important guarantee for the long-term development of the Company. In terms of selecting products (or services), CSCEC has moved toward a path of diversification based on its existing technology and market advantages. The Company continues to maintain its traditional advantages in survey and design, housing construction and real estate development, while actively expanding horizontally in other fields such as infrastructure investment and construction business.

CSCEC is committed to the vertically integrated expansion of investment, design, construction, operation and services, and strives to establish a unique market position in the domain of its business, creating competitive advantages that are difficult for its competitors to follow suit.

(IV) Competitive strategy featuring high quality, low cost and differentiation

Providing products and services with high quality and at low cost to the public has always been the goal of CSCEC. High quality comes from the Company's technological, human resources and organizational advantages; while the advantage of low costs stems from the Company's integrated business model, benefits of scale as well as the economy of speed. As an outstanding SOE representative in a perfectly competitive industry, CSCEC has always taken "making appropriate and correct decisions and doing right things" as the basic direction of the Company's production, operation and business development. Focusing on implementing the marketing strategy of "premium markets, customers, and projects", the Company continues to carry out "differentiation-oriented" market operations and competition. Through implementing the "differentiation" strategy, subsidiaries within the Company focus on their respective market segments, their corresponding professions (specialization), or their corresponding regions (regionalization), to develop their own "core products, unique services" to reduce internal disorderly competition and strengthen the overall advantage in external competition.

(V) A management model with balanced authorization and centralization

The Company respects its development history, and seeks to form a competitive group management model based on the group company formed based on the mode of multi-legal persons. The Company has positioned its headquarters as one that exercises strategic management and control, fulfilling the responsibilities and duties of "leadership, service and supervision", and insists on the delegation and management of the second-level subsidiaries. The second-level subsidiaries operate under the authorization of the Company and enjoy the corresponding authorities in proportion to responsibility. For labor-intensive and mature business, we grant larger authorization and expand market contact to speed up market response and improve service quality. For capital-intensive and less mature business, we pool resources for target market segments, and actively seek rapid breakthroughs in target markets while effectively avoiding risks. We adopt different market strategies for different market segments and implement management models accordingly.

(VI) Results-oriented and accountability-based management system

Various management efforts of the Company have always been for the realization of the Company's mission, vision and goals. The Company insists on making work more efficient, employees more fulfilled and the Company more prosperous as the fundamental purpose of management. The Company established a vital, scientific, reasonable, concise and efficient system by way of the organic integration of its management in various functional areas of the Company, which is believed to avoid isolated and disorderly actions and making excuses, and achieve the unification of responsibilities and rights. The Company firmly believes that managers are defined by their responsibilities. In order to improve the quality of products and services, the Company is committed to achieving the standardization of management, technology and work. With the help of information technologies and through the "integration" of standardization and informatization, the Company has improved its work efficiency and implemented the "bottom line management" approach to enhance product quality and reduce operating costs.

(VII) "People-centered" human resource management

The Company adheres to the talent development strategy of "specialization, professionalization and internationalization" and has a large group of talents loyal to the Company and dedicated to their careers. They have a conviction that group interests should take precedence over individual interests, having a good knowledge of technology, management and marketing with merits such as self-discipline, self-motivation and self-betterment. The Company always follows the basic human resources management concept of "retaining talents with career development opportunities, emotional connection and rewards" and "caring for individuals". By offering occupational planning, education training and performance assessment for all employees, the Company intends to establish a compensation incentive mechanism that combines individual value creation and personal capabilities to share the results of the Company's development with its employees and implement diverse medium- and long-term incentive mechanisms, while strengthening its attraction to talents and allowing talents to give full play to their abilities, so as to facilitate the provision of stronger support for its development.

(VIII) Development supported by the strategy of “integration of industry and finance”

Under the ever-changing market environment and in response to the diversified needs of its principal business, the Company gives full play to the role of industrial finance. By tapping the potential of its internal financial service institutions and providing financial services to fuel its principal business through internal credit, credit financing, bond financing, equity financing, effective use of assets and other means, the Company has formed an industry-financing integration mode with its characteristics. Leveraging on internal professional financial platforms such as CSC Finance and China Construction Capital, the Company has carried out domestic and overseas capital pooling, loan pooling, structured financing, accounts receivable factoring, asset securitization, supply chain financing, finance leasing, insurance pooling and other business to provide timely, differentiated financial services which are irreplaceable by social finance. These services play an active role in driving the development of the principal business, broadening financing channels, reducing financing costs, making effective use of stock assets, increasing operating cash inflow and realizing cost reduction and efficiency enhancement. At the same time, the Company strictly implements relevant national policies, strengthens daily management, strictly controls financial risks, and prevents funds from flowing into the virtual economy from the real economy and arbitrage of idle funds.

(IX) Core competitiveness driven by innovation in science and technology

The Company's continuous technological innovation has transformed its production and organization models. Relying on the business layout throughout the industry chain, the Company has formed a systematic technology system covering construction research and development, design leadership, professional manufacturing, technological construction, intelligent operation and maintenance with an international leading edge in high-rise buildings and large-span space structure construction technology. It has built a source of original technologies for green construction and intelligent construction, boasting core R&D institutions including “2+6” and “CSCEC Innovation Platform”. The National Center of Technology Innovation for Digital Construction, in which the Company participated the construction, was officially listed. The Company has undertaken 4 national key R&D projects under the “14th Five-Year Plan”. During the Reporting Period, the Company was recognized as the “Enterprise with Outstanding Contribution to Scientific and Technological Innovation” by the State-owned Assets Supervision and Administration Commission for the term of 2019-2021.

The Company has 2 academicians of the Chinese Academy of Engineering, 1 winner of the highest science and technology award for engineering construction, 13 masters in national engineering survey and design, 4 national-level enterprise technology centers (including sub-centers), 74 enterprise technology centers at the provincial and ministerial level, 41 scientific and technological innovation platforms at the provincial and ministerial level, 177 high-tech enterprises, 10 post-doctoral workstations, and 16 other sci-tech innovation platforms.

(X) Corporate culture in mind and action

CSCEC is an enterprise with a glorious history. We are innovating in the course of inheritance. In the process of fulfilling the mission and realizing the vision, the core values of “quality assurance, value creation” and the entrepreneurial spirit of “loyalty, responsibility, and mission attainment” will be integrated into the rules and management behaviors and become part of the soft power of the Company.

Resources can be exhausted, only culture lasts. Adhering to its creed which is formed against the backdrop of the market economy, and combining the trend of the times, the Company has seen a constant integration with its subsidiaries in culture development, which provides ongoing internal support for the Company's ever-growing business.

III. Discussion and Analysis of Business Operation

In the first half of 2022, in light of the changing landscape and challenges at home and abroad, the Company adhered to the underlying principle of stability and making progress amid stability. Focusing on the strategic goal of “one creation and five aspects of strength”, the Company efficiently coordinated pandemic prevention and control and production and operation and endeavored to maintain growth, as such, major operating indicators are better than those in the same period of last year and its expectation, which contributed appropriately to stabilizing the macroeconomic market. In general, the Company demonstrated the following operational characteristics:



First, going all out to stabilize growth and enhance value creation capability. During the Reporting Period, the value of the Company's newly signed contracts increased by 10.8% year-on-year to RMB2.02 trillion. It achieved a revenue of RMB1.06 trillion, representing a year-on-year increase of 13.2%; net profit attributable to shareholders of the Company amounted to RMB28.5 billion, representing a year-on-year increase of 11.2%. The basic earnings per share (EPS) was RMB0.68, representing a year-on-year increase of 9.7%; and net assets per share attributable to ordinary shareholders was RMB8.31, representing a year-on-year increase of 13.8%. The Company remained the only representative in the construction industry in the 50 SSE Index, MSCI China A50 Connect Index and FTSE China A50 Index, and maintained the highest credit rating in the industry. Its ranking in the Fortune Global 500 jumped to the ninth place, consolidating its position as the world's largest investment and construction group.



Second, seizing strategic opportunities with a commitment to serving the overall development of the country. During the Reporting Period, the Company completed the construction of 28 Beijing Winter Olympic venues and ancillary projects with high quality, elaborately organized the operation and maintenance and practiced vividly the concept of green and technological Olympics. The Company actively responded to the national and regional development strategy by focusing on such national strategic regions as the Beijing-Tianjin-Hebei Region, the Yangtze River Economic Belt, the GBA, and the Yellow River Basin. These regions contributed 87% of the Company's newly signed contracts and over 90% of the total investment completed. The Company actively participated in the BRI construction, sought a mechanism for cooperation and coordination, and facilitated the outstanding performance of overseas projects, which improved the international influence of “Built by China”.



Third, deepening corporate reform to enhance the Company's development momentum. The Company thoroughly implemented the three-year actions for reform of state-owned enterprises and achieved new progress in improving the modern enterprise system with Chinese characteristics and the reform of the three systems. The Company and two of its subsidiaries were listed in Corporate Governance Demonstration Enterprises by the SASAC under the State Council, ranking first in terms of number of selected enterprises. The board construction of subsidiaries has been further deepened. By establishing a special system and strengthening the working mechanism, the support services for the performance of external directors have been strengthened, and the governance role of the board of directors with the majority of external directors has been effectively brought into play. It upgraded the implementation of the "six special actions" and resolved a number of shortcomings restraining high quality development. It also carried out special actions on "pursuing conservation and running enterprises economically". General and administrative expenses was basically the same as that in the same period of last year, and the general and administrative expenses per hundred income reduced by 11.7% year-on-year.



Fourth, carrying out technological innovation vigorously to enhance core competitiveness. During the Reporting Period, the Company accelerated the improvement of its independent innovation capabilities, established 8 technological innovation platforms including green construction, intelligent construction and major equipment, and participated in the construction of the National Center of Technology Innovation for Digital Construction, the only national-level center in the digital construction field. The independently developed underlying graphics platform technology of engineering construction software (AECMate) has realized market-oriented application. The Company has accelerated the application of intelligent construction equipment, promoting the use of lightweight and multi-functional residential building-made machines across the industry and its expansion into prefabricated construction. The Company has sped up its digital transformation by joining a 5G innovation consortium, actively exploring the application of 5G and blockchain technology in the construction industry.



Fifth, undertaking social responsibility actively with a commitment to driving the sustainable development of the Company. The Company vigorously integrates the environment, social and corporate governance (ESG) concept into its management system. During the Reporting Period, the Company effectively contributed to nationwide pandemic prevention and established 456 pandemic prevention facilities in Hong Kong, Jilin, Shanghai and other cities, which can provide 470,000 beds in total. It bravely served as the leader of the modern industrial chain in the construction industry, promoted the common development of more than 600,000 upstream and downstream companies and precisely supported 4,829 small and micro enterprises and individually-owned businesses. We actively contributed to stabilizing employment, enrolled 32,000 fresh graduates and provided jobs for 2.4 million migrant workers. During the Reporting Period, the Company actively participated in projects in such sectors as environmental and ecological restoration, clean energy, sponge city, and sewage treatment and promoted green and low-carbon office practices to support the construction of a beautiful China.

In the second half of 2022, with a focus on the accomplishment of its annual goals, the Company will further deepen reform and innovation, improve corporate governance and endeavor to quality and efficiency improvement, expand international operation, and embark on a high-quality development path to build a world-class enterprise.

Significant changes in the Company's operations during the Reporting Period, as well as events that have and are expected to have a significant impact in the future on the Company's operations during the Reporting Period

Applicable N/A

• Key business data


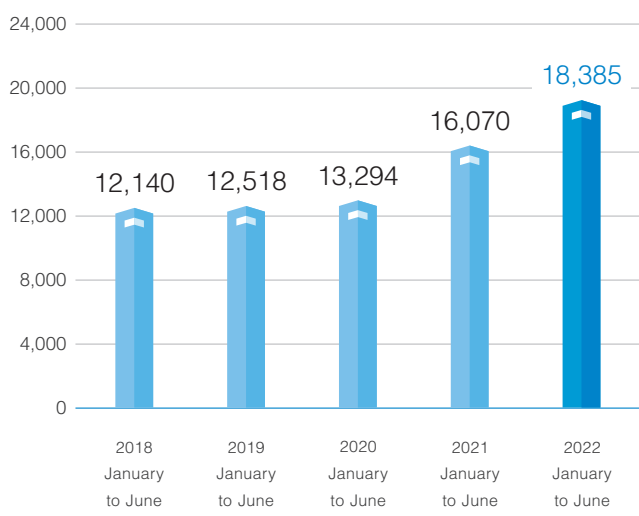
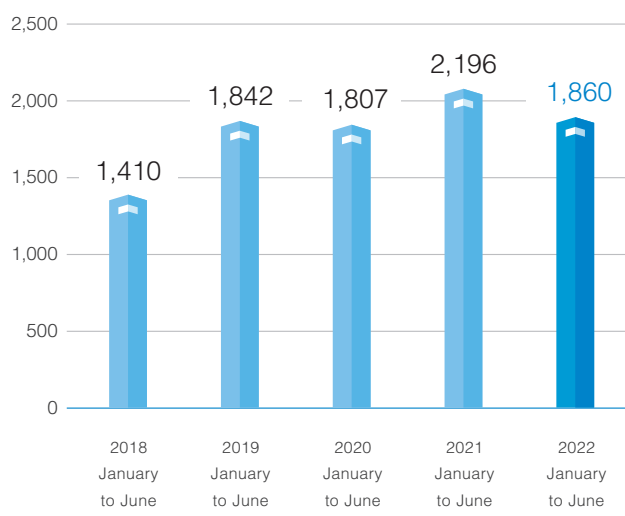
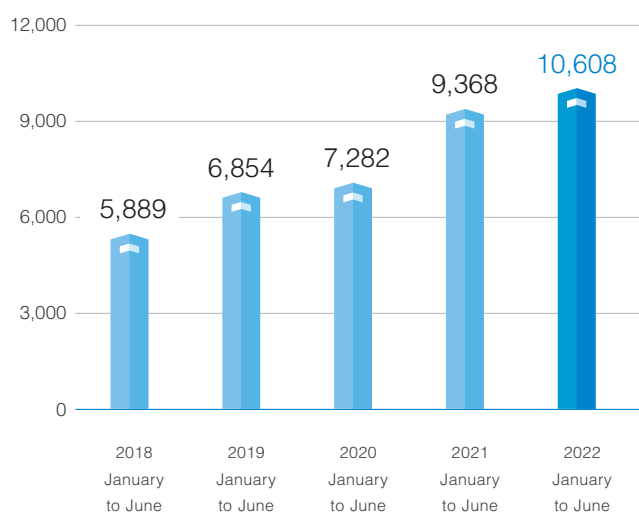

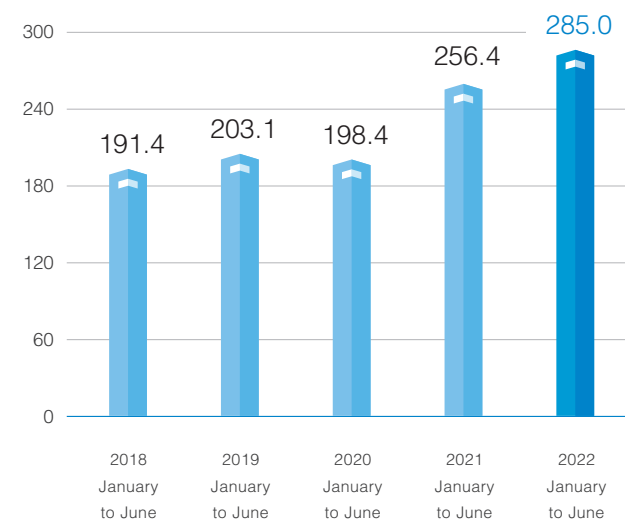
Items	Unit	2022 (January to June)	2021 (January to June)	Growth YOY (%)
Total value of new contracts	RMB100 million	20,245	18,265	10.8
I. Construction business	RMB100 million			
(I) Accumulative value of new contracts during the period		18,385	16,070	14.4
By industry				
1. Housing construction		13,175	12,080	9.1
2. Infrastructure		5,148	3,927	31.1
3. Survey and design		62	63	-1.8
By region				
1. Domestic		17,828	15,417	15.6
2. Overseas		556	652	-14.7
(II) Quantity of housing construction works	Ten thousand square meters	/	/	/
1. Accumulative area under construction		137,806	141,085	-2.3
2. Accumulative area of new construction projects		12,719	16,062	-20.8
3. Accumulative area of completed construction		6,990	6,630	5.4
(III) Quantity of infrastructure works	/	/	/	/
1. Road (newly signed in China)	Kilometers	2,436	2,063	18.1
2. Area (newly signed in China)	Ten thousand square meters	2,915	2,338	24.7
II. Real estate business				
(I) Contract sales during the period	RMB100 million	1,860	2,196	-15.3
Of which: China Overseas ^①		1,177	1,639	-28.2
(II) Contract sales area during the period	Ten thousand square meters	725	1,004	-27.7
Of which: China Overseas		427	731	-41.6
(III) Subscription sales at the end of the period	RMB100 million	102	178	-42.7
(IV) Average selling price during the period	RMB/square meter	25,643	21,871	17.2
(V) Land reserve at the end of the period ^② (Full amount)	Ten thousand square meters	9,588	11,462	-16.3
Of which: China Overseas		4,705	5,940	-20.8
(VI) Purchase of land reserve (Full amount)	Ten thousand square meters	557	654	-14.8
Of which: China Overseas		358	489	-26.9

Notes: ^① China Overseas refers to the real estate business that China Overseas Land & Investment and its subsidiaries are engaged in, but does not include that of China Overseas Grand Oceans;

^② Land reserve at the end of the period = land reserve at the end of the previous year + newly acquired land reserve – area completed in the current period + (or –) adjusted area of projects.

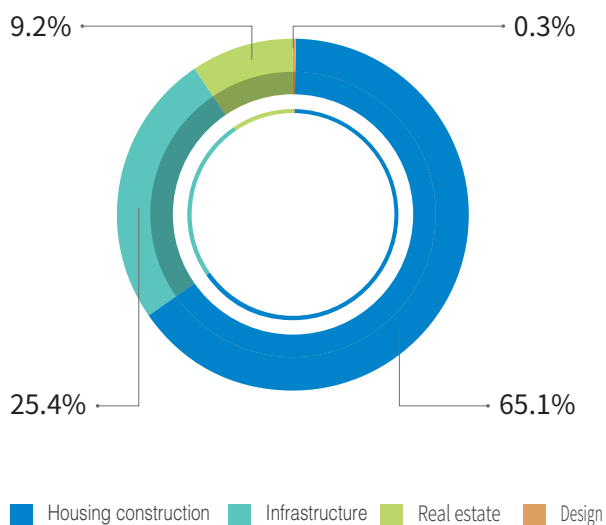
- Key earnings results

Unit: 100 million yuan Currency: RMB

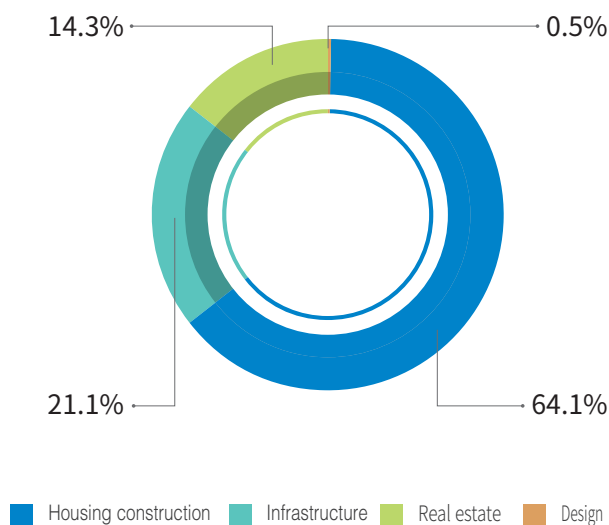
 Value of new contracts for construction business

 Contract sales of real estate business

 Revenue

 Net profit attributable to shareholders of the Company


Unit: 100 million yuan Currency: RMB

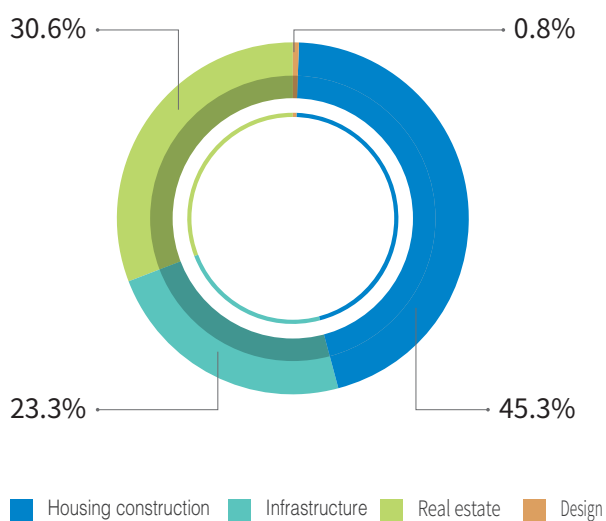
Proportion of new contract value



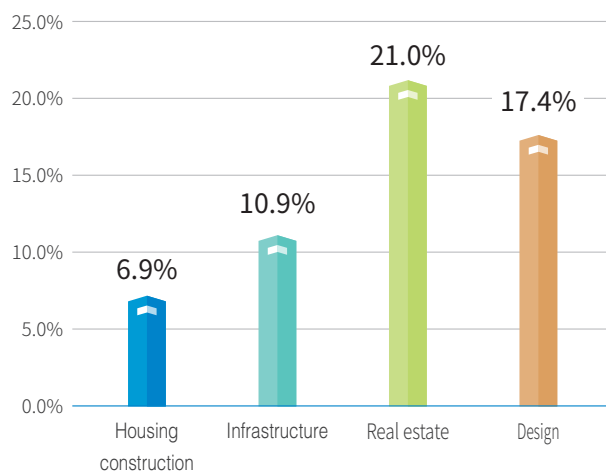
Proportion of segment revenue ^{Note}



Proportion of gross profit by segment ^{Note}



Gross profit margin by segment ^{Note}



Note: The denominator of the segment business is the direct summation of data from the four business segments of the Company (housing construction, infrastructure, real estate and design).

IV. Main Operation Results for the Reporting Period

(I) Analysis of principal business

1. Analysis of changes in related items in the financial statement

Unit: '000 yuan Currency: RMB

Items	Amount in the current period	Amount of the same period last year	Change ratio (%)
Revenue	1,060,771,087	936,761,966	13.2
Cost of sales	952,531,531	838,204,143	13.6
Selling and distribution expenses	2,974,529	3,101,908	-4.1
General and administrative expenses	16,468,482	16,471,208	-0.02
Finance expenses	9,061,069	5,094,214	77.9
R&D expenses	19,265,280	13,857,924	39.0
Net cash flows from operating activities	-68,872,020	-49,745,429	/
Net cash flows from investing activities	-7,709,881	-11,702,512	/
Net cash flows from financing activities	97,767,139	65,536,733	49.2

Reason for changes in revenue: In recent years, the value of the Company's new contracts has maintained a relatively high growth rate, and the projects under construction have been smoothly advanced.

Reason for changes in cost of sales: The expansion of business scale led to the increase in the cost of sales accordingly.

Reason for changes in selling and distribution expenses: The sales revenue of the Company's real estate business decreased due to the impact of the industry environment, and the corresponding sales commissions decreased.

Reason for changes in general and administrative expenses: There was a decrease in the operating and administrative expenses from the same period last year as the Company enhanced management and control over expenditure this year.

Reason for changes in finance expenses: It was primarily due to the increases in interest expenses and foreign exchange losses and gains over the same period of last year.

Reason for changes in R&D expenses: The Company paid attention to technological innovation, strengthened technological R&D and application, and continued to increase investment in technological R&D, resulting in the increase in R&D expenses.

Reason for changes in net cash flows from operating activities: It was primarily due to the increase in cash payments for purchases of goods and labor services in the current period.

Reason for changes in net cash flows from investing activities: It was primarily due to the increases in cash receipts from disposal of investments and other investment-related activities in the current period.

Reason for changes in net cash flows from financing activities: It was primarily due to the increase in cash receipts for borrowing and bond issuance, as well as the decrease in cash payments for other financing-related activities in the current period.

2. Detailed explanation on major changes in the Company's types of business, profit composition or source of profit during the current period

Applicable N/A

3. Principal business by industry and region

Unit: '000 yuan Currency: RMB

Principal business by industry						
By industry	Revenue	Cost of sales	Gross profit margin (%)	Change YoY of revenue (%)	Change YoY of cost of sales (%)	Change YoY of gross profit margin (%)
Housing construction engineering	679,394,749	632,204,357	6.9	14.0	13.6	Increase by 0.2 percentage points
Infrastructure construction and investment	222,949,513	198,687,272	10.9	15.2	13.0	Increase by 1.7 percentage points
Real estate development and investment	152,002,812	120,091,411	21.0	3.7	9.4	Decrease by 4.1 percentage points
Survey and design	4,996,674	4,128,740	17.4	1.3	2.2	Decrease by 0.7 percentage points
Others	19,073,893	14,334,063	24.8	56.4	83.6	Decrease by 11.2 percentage points
Elimination	-17,646,554	-16,914,312	/	/	/	/
Total	1,060,771,087	952,531,531	10.2	13.2	13.6	Decrease by 0.3 percentage points

Principal business by region						
By region	Revenue	Cost of sales	Gross profit margin (%)	Change YoY of revenue (%)	Change YoY of cost of sales (%)	Change YoY of gross profit margin (%)
Mainland China	1,004,684,444	899,115,935	10.5	12.6	12.6	Decrease by 0.1 percentage points
Overseas ^{Note}	56,086,643	53,415,596	4.8	26.6	33.7	Decrease by 5.0 percentage points
Total	1,060,771,087	952,531,531	10.2	13.2	13.6	Decrease by 0.3 percentage points

Note: "Overseas" refer to the regions other than Mainland China.

Newly signed contract value amounted to

RMB **1,317.5** billion

a year-on-year increase of

9.1%

Recorded revenue of

RMB **679.4** billion

a year-on-year increase of

14.0%

Gross profit amounted to

RMB **47.2** billion

with a gross profit margin of

6.9%

- **Housing construction engineering business**



During the Reporting Period, the Company further optimized the structure of its housing construction business which grew steadily in terms of both scale and benefits, and continued to lead the mid-to-high-end markets. The value of new contracts of the Company for housing construction business was RMB1,317.5 billion, an increase of 9.1% year-on-year with revenue at RMB679.4 billion, an increase of 14.0% year-on-year; gross profit was RMB47.2 billion with a gross profit margin of 6.9%, an increase of 0.2 percentage points year-on-year.

During the Reporting Period, the Company stuck to the marketing strategy featuring "premium markets, customers, and projects", which enhanced its competitive strength in the field of high-tech industrial plants, educational facilities, medical and health facilities and other mid-to-high-end housing construction. Its newly signed contract value in public buildings kept increasing. In terms of industrial plants, the newly signed contract value was RMB178.1 billion, a year-on-year increase of 71.2%. In particular, the Company has undertaken the EPC project of Longji New Energy Technology Industrial Park in Mengsu Economic Development Zone, Ordos, Inner Mongolia. In terms of educational facilities, the newly signed contract value was RMB73.6 billion, a year-on-year increase of 12.4%. The Company has won the bid for general contracting project of Guangdong Experimental High School Baiyun Yongping Campus. In terms of medical facilities, the newly signed contract value was RMB98.1 billion, a year-on-year decrease of 6.3%. The Company has won the bid for general contracting project of University

of Chinese Academy of Sciences Shenzhen Hospital (Guangming New Hospital). In terms of old city renovation and urban renewal construction, the Company has undertaken a large number of projects involving people's livelihood, including the survey, design and general contracting of plot CPPQ-A4-2 (Changling•Yaju construction project) located in Huangpu District, Guangzhou, Guangdong and the general contracting of renewal project in Bantou West Area, Chengxiang District, Putian, Fujian.

During the Reporting Period, the Company continued to enhance its core competitiveness in the fields of super-high-rise buildings, large-span space structure, rapid construction, green construction and intelligent construction and further enhanced its absolute advantages in the field of housing construction. The intelligent integration platform for high-rise buildings (building-made machines) independently developed by the Company was applied to prefabricated construction field for the first time, which further improved prefabricated intelligent construction level and efficiency. Single tower multi-cage circulating operation construction elevator was put into use, and the ladder cage can be rotated 180 degrees to change the track at high altitude, which doubled the transportation capacity of the rail track. The 5G tower crane remote control system independently developed by the Company achieved tower crane off-site hoisting by using the public 5G base station. The successful application of fabricated intelligent construction platforms, measurement robots and welding robots in various projects provided strong support for optimal project delivery. During the Reporting Period, the Company has undertaken the construction of the tallest and largest modular building in China, i.e., Beijing Yizhuang Blue-collar Apartment. The Company completed the hosting of 1,504 modular box rooms in this project. The Company also completed the reconstruction and expansion project of Tibet Museum, a museum with the highest altitude in the world. In addition, the Company has efficiently built more than a hundred hospitals for emergency uses in Hong Kong, Shanghai, Jilin, Beijing and other regions and cities, and completed the major construction works of a number of housing construction projects.

Newly signed contract value amounted to

RMB **514.8** billion

a year-on-year increase of

31.1%

Recorded revenue of

RMB **222.9** billion

a year-on-year increase of

15.2%

Gross profit amounted to

RMB **24.3** billion

with a gross profit margin of

10.9%

• Infrastructure construction and investment operations

During the Reporting Period, the Company achieved rapid growth in its infrastructure business and continued to optimize its business structure, stimulating the high-quality development of infrastructure business. The value of new contracts of the Company for infrastructure business was RMB514.8 billion, an increase of 31.1% year-on-year. It recorded a revenue of RMB222.9 billion, an increase of 15.2% year-on-year; and the gross profit amounted to RMB24.3 billion, an increase of 36.8% year-on-year with a gross profit margin of 10.9%, an increase of 1.7 percentage points year-on-year.

During the Reporting Period, the Company captured the opportunities from the policy of “moderately making infrastructure investment in advance”, and secured a batch of important projects through advance planning and precise matching. In the field of highways, the Company signed new contracts worth RMB59.5 billion, a year-on-year increase of 48.9%, and has undertaken Hunan Expressway Project (Lingling to Daoxian Section). In the field of rail transit, the Company signed new contracts worth RMB58.3 billion, a year-on-year increase of 39.2%, and has undertaken the general contracting of Chongqing Rail Transit Line 27 project (YCK40+524.3~YCK51+102), and civil construction bid no. 2 project of Qingdao Metro Line 15 Phase I Project. In the field of ecological and environmental protection, the Company signed new contracts worth RMB34.6 billion, a year-on-year increase of 47.2%, and has undertaken Ma'anshan Xiangshan Comprehensive Ecological Environment Governance Project. In the field of airport, the Company signed new contract worth RMB28.2 billion, a year-on-year increase of 57.1%, and has undertaken Xiamen New Airport Project and Jingdezhen Fuliang Universal Airport Project. In the field of railway, the Company signed new contract worth RMB8.9 billion, a year-on-year increase of 5.9%, and has undertaken the Hanchuan East to Yichang North Station of Wuhan-Yichang Section of Shanghai-Chongqing-Chengdu High-Speed Railway. The Company actively expanded to new infrastructure and new energy sectors and has undertaken Hunan Anhua ten billion-level pumped storage power station project, Jingneng Abaga Qi 300,000-kilowatt wind power EPC project, Guoneng Hebei County distributed photovoltaic power generation project, 5G base station project in Zhengzhou, among others.

During the Reporting Period, the Company adhered to technological innovation, constantly improved its capacity in delivery of infrastructure projects and achieved outstanding fulfillment of a batch of key projects. The first domestic unmanned beam factory (UBF) independently developed by the Company, equipped with AI and other technologies, has achieved full-process automatic flow operation; the “optimal design and key construction technology of span structure of straddle monorail bridge” reached international leading level as a whole; and the innovative R&D of fully automatic steel frame forming assembly line and concrete intelligent control beam circulation prefabrication line improved automation and work efficiency. Chongqing Rail Transit Line 9 Phase I Project undertaken by the Company was put into operation; Asia's first professional air cargo hub airport – Hubei Ezhou Huahu Airport successfully completed the flight test mission, and Xinzheng Airport Phase III and Hangzhou Xiaoshan International Airport passed the acceptance.



Phase III Project for Transportation Center of Hangzhou International Airport

Contract sales amounted to

RMB **186** billion

a year-on-year decrease of

15.3%

Contract sales area was

7.25 million square meters

a year-on-year decrease of

27.7%

Recorded revenue of

RMB **152** billion

with a gross profit margin of

21.0%

• Real estate development and investment business

During the Reporting Period, the Company firmly implemented the national regulation policies, and consistently made efficient and accurate investments, to ensure the sustainable and healthy development of its real estate business. The Company's real estate business achieved contract sales of RMB186 billion, representing a year-on-year decrease of 15.3%, and contracted sales area of 7.25 million square meters, a year-on-year decrease of 27.7%; revenue amounted to RMB152 billion, representing a year-on-year increase of 3.7%; and gross profit amounted to RMB31.9 billion, representing a year-on-year decrease of 13.1%, with a gross profit margin of 21.0%, representing a year-on-year decrease of 4.1 percentage points.

During the Reporting Period, the Company delivered a new construction area of 9.33 million square meters, representing a year-on-year decrease of 30.2%; and an area under construction of 71.1 million square meters, representing a year-on-year decrease of 4.6%. The Company actively explored urban renewal and other diversified development models. It acquired 39 parcels of lands with a land reserve of 5.57 million square meters, and the land reserve at the end of the period was approximately 95.88 million square meters. The Company's real estate inventory is mainly concentrated in first-tier and provincial capital cities.



Phase IV project of Tianjin City Plaza

After years of development, the Company continues to improve its asset holding and operation capabilities, and currently owns 12.6 million square meters of investment properties self-held encompassing office buildings, hotels, apartments, commercial real estate and others, with a net book value of RMB133.8 billion, accounting for 5.2% of the Company's total assets. During the Reporting Period, the investment properties self-held recorded a revenue of RMB2.89 billion.

During the Reporting Period, China Overseas maintained sound operation with contracted sales of RMB117.7 billion, ranking fourth in the industry. China Overseas continued to improve its precise investment ability. The new land reserve amounted to 3.58 million square meters. It smoothly acquired 53.33% shares of Guangzhou Asian Games Village Project, taking an excellent M&A opportunity in the industry. Leveraging on the competitive edge in respect of compliance with the "three red lines" indicators, China Overseas adhered to lean construction to promote the development of commercial properties, education and elderly care and logistics while focusing on accelerating the principal business of residential development. In terms of commercial properties, business operation and management has been strengthened and 7 new commercial projects have been launched. In green and low carbon transformation, it continued to invest in and construct more green building certification projects and successfully issued the largest carbon-neutral CMBS of RMB5 billion in an effort to implement the national "dual carbon" strategy. CSC Land maintained prudent operation, optimized development strategy appropriately, and improved the selling rate. Its contracted sales amounted to RMB68.3 billion during the Reporting Period. It has enriched the ways and methods of land acquisition, and had 1.99 million square meters of new land reserve. It prioritized the deployment of high-energy-level cities to control the overall premium rate; focused on cash flows and strictly controlled development cycle to ensure efficiency supported by cash flow; actively engaged in indemnificatory housing business and joint ownership housing and other new business; and acquired a number of land parcels in Chongming District of Shanghai for indemnificatory housing business.

For details, please refer to "Properties under development", "Completed properties for sale" in Note V. 8 "Inventories", and "Advances for sale of properties" in Note V. 31 "Contract liabilities" to the financial statements under Section X "FINANCIAL REPORT".

Newly signed contract value amounted to

RMB **6.2** billion

a year-on-year decrease of

1.8%

Recorded revenue of

RMB **5.0** billion

a year-on-year increase of

1.3%

Gross profit amounted to

RMB **900** million

with a gross profit margin of

17.4%

• Survey and design business

During the Reporting Period, the Company maintained a sound growth momentum in its survey and design business. The value of new contracts amounted to RMB6.2 billion, representing a year-on-year decrease of 1.8%. It achieved a revenue of RMB5.0 billion, representing a year-on-year increase of 1.3%; and gross profit of RMB900 million, representing a year-on-year decrease of 2.7%, with gross profit margin of 17.4%, representing a year-on-year decrease of 0.7 percentage points.

During the Reporting Period, the Company continued to focus on architectural design, urban planning, public utility design and other conventional design business, enhanced research in basic technology and improved its business level in such segments as landscape architecture, airports, medical care, cultural expositions, and underground spaces. During the Reporting Period, the Company actively served the strategic deployment of "building a strong ecological barrier in the upper reaches of the Yangtze and Yellow Rivers", and has undertaken the survey and design of the Baitashan Mountain ecological environment governance project in the Lanzhou section of the Yellow River Basin, and the survey of channel improvement project in the Upper Yangtze River from Fuling to Fengdu. The Company leads the featured business with original design. The construction of Sanxingdui Ancient Shu Cultural Site Museum and its ancillary facilities in Sichuan, which was designed and constructed by the Company, have been commenced. China National Archives of Publications and Culture Xi'an Branch (Wenji Pavilion) project, which was built in a design-led EPC mode by the Company, was completed, and China's first archaeological themed museum designed by the Company – Shaanxi Archaeological Museum opened.

During the Reporting Period, the Company continued to promote the transformation and upgrading of survey and design business, accelerated the improvement in the design industry system with full-field coverage, full-process services, full-value chain and full-element growth, enhanced cultivation of versatile talents in design and consolidated the differentiated advantages of featured business. It promoted the application of BIM digital technology and the standardized design of prefabricated buildings, deepened the whole-process engineering consulting and general contracting business, and continuously improved the brand influence of "CSCEC Design".



China National Archives of Publications and Culture Xi'an Branch (Wenji Pavilion) project

Newly signed contract value amounted to

RMB **68.8** billion

a year-on-year increase of

1.9%

Achieving revenue of

RMB **56.1** billion

a year-on-year increase of

26.6%

Gross profit amounted to

RMB **2.7** billion

with a gross profit margin of

4.8%

• Overseas business

During the Reporting Period, the Company overcame difficulties and signed new contracts in overseas business segment in an amount of RMB68.8 billion, a year-on-year increase of 1.9%. It recorded an overseas revenue of RMB56.1 billion, a year-on-year increase of 26.6%; and gross profit amounted to RMB2.7 billion, a year-on-year decrease of 38.6%, with a gross profit margin of 4.8%, a year-on-year decrease of 5 percentage points.

During the Reporting Period, the Company enhanced its ability in global resources allocation. Leveraging its advantages in international partnership resources, the Company developed and deepened markets such as Saudi Arabia and Indonesia in cooperation with companies from Spain, Japan and other countries. It also carried out extensive cooperation with subcontractors and suppliers in the place of business. The CBD project of the new capital of Egypt alone has driven the development of more than 300 local upstream and downstream enterprises. It strengthened the "head office to head office" communication with financial institutions such as the Export-Import Bank of China, and China Export & Credit Insurance Corporation, and continued to deepen cooperation with them in overseas business promotion and key project guarantee.

During the Reporting Period, the Company continued to optimize the market layout to develop more large-scale output markets. Against the backdrop of the increasingly complex overseas business environment, the Company concentrated on advantageous markets and extensively participated in key markets, and secured a number of major projects in the Middle East, Africa and Southeast Asia. The newly signed projects involving people's livelihood include Chinese Medicine Hospital and the Government Chinese Medicine Testing Institute in Tseung Kwan O, Hong Kong and KIS International School in Thailand. Its newly signed contracts in the Asian and African markets (including Hong Kong and Macao SARs) accounted for more than 90%. In the Singapore market, it has newly signed 4 projects of more than US\$100 million, including the first phase of the infrastructure transportation tunnel in the Bulim Innovation District, and the N4 C24&C25 of the Bukit Batok government estate, maintaining its leading position in the industry.

During the Reporting Period, the Company advanced its quality performance of overseas projects, optimized construction organization plan based on the changes in the pandemic trend, overcame the pressures on construction period and costs caused by the pandemic, and ensured the ongoing stability of various production and operation activities. The 20 main buildings of the CBD project in new capital of Egypt undertaken by the Company were completed; Ethiopian Commercial Bank's new headquarters building, the tallest building in East Africa, was completed; and Cambodia-China Friendship Medical Building aided for Cambodia was officially opened. Our outstanding performance has been highly appreciated by local governments and people.



Cambodia-China Friendship Medical Building Project aided for Cambodia

- **Other business**

Other business of the Company mainly includes primary land development, lease of machinery equipment and engineering supervision and management. During the Reporting Period, other business recorded a revenue of RMB19.1 billion, an increase of 56.4% year-on-year; gross profit amounted to RMB4.7 billion, an increase of 8.0% year-on-year, with a gross profit margin of 24.8%, a decrease of 11.2 percentage points year-on-year.

For details, please refer to Note V. 52 "Revenue and cost of sales", Note V. 65 "Expenses by nature" and Note XIV. 1 "Segment reporting" to the financial statements under Section X "FINANCIAL REPORT".

(II) Operating investment business

During the Reporting Period, the Company completed an investment of RMB185.4 billion, an increase of 5.9% year-on-year, which accounted for 37.83% of the estimated investment amount throughout the year. The Company saw a steady growth of investment business as it reasonably managed its investment.

Unit: 100 million yuan Currency: RMB

Classification of projects	Amount of investment during the Reporting Period	Proportion (%)	YoY increase (%)
By categories of projects			
Real estate development	1,532	82.6	26.5
Investment in infrastructure and housing construction	290	15.6	-37.0
Comprehensive urban development	30	1.6	-53.0
Fixed assets and other investments	2	0.1	-84.5
By continuity of projects			
Continued investment projects	1,243	67.0	-2.6
New projects	611	33.0	28.9
Total	1,854	100	5.9

Note: The above classification of projects is designed in accordance with industry practices and the Company's internal management needs. The classification attributes of some projects will be adjusted according to the actual circumstances of the project. The year-on-year growth rate in the table will be adjusted retrospectively to the changed projects accordingly.

1. Real estate development

During the Reporting Period, the Company's investment in the real estate development business reached RMB153.2 billion, a year-on-year increase of 26.5%; the payback of investment return was RMB129.8 billion, a year-on-year decrease of 21.0%; and the income to expenses ratio of investment was 84.7%, a year-on-year decrease of 50.8 percentage points.

2. Investment in infrastructure and housing construction

During the Reporting Period, the Company's investment in infrastructure and housing construction reached RMB29.0 billion, a year-on-year decrease of 37.0%; payback of investment return was RMB20.9 billion, a year-on-year decrease of 5.9%; and the income to expenses ratio of investment was 72.1%, a year-on-year increase of 23.8 percentage points.

3. Comprehensive urban construction

During the Reporting Period, the Company's investment in the comprehensive urban construction business reached RMB3.0 billion, a year-on-year decrease of 53.0%; the payback of investment return was RMB8.7 billion, a year-on-year decrease of 8.5%; and the income to expenses ratio of investment was 288.7%, a year-on-year increase of 140.3 percentage points.

4. Investment and construction in key regions

The Company resolutely implemented the major decision-making and deployment of the CPC Central Committee and the State Council, took the responsibility as a central enterprise under the guidance of major national strategic planning and arrangement, actively implemented regional coordinated development strategies, and was deeply involved in the investment and construction in key national areas including the coordinated development of the Beijing-Tianjin-Hebei Region, the development of the Yangtze River Economic Belt, the construction of the GBA, the integrated development of the Yangtze River Delta, and the ecological protection and high-quality development of the Yellow River Basin. During the Reporting Period, the amount of investment of the Company in such regions reached RMB170.5 billion, representing 91.9% of the Company's overall investment.

5. PPP business

In accordance with the relevant national requirements on the regulated development of PPP business, and under the guidance of national policy, the Company has comprehensively cleared up and rectified the existing PPP projects, maintained reasonable control over the scale of PPP projects, and adhered to the high-quality development of PPP business.

As of the end of June 2022, the Company had a total of 416 PPP projects in hand with an equity investment of RMB630.4 billion, among which 20 were at the preliminary stage, 154 were under construction, 216 were under operation and 26 proposed to be terminated in advance. During the Reporting Period, the Company won new bids for 12 PPP projects with an equity investment of RMB54.91 billion, which are expected to create a contract value of RMB48.17 billion from general contracting. In terms of the industry to which projects belong, the equity investment in transportation amounted to RMB245.71 billion, accounting for 39.0% of the total; the equity investment in municipal engineering amounted to RMB210.85 billion, accounting for 33.4% of the total; the equity investment in comprehensive urban development amounted to RMB88.23 billion, accounting for 14.0% of the total; the equity investment in culture, sports, medical and healthcare and indemnificatory housing projects amounted to RMB58.76 billion, accounting for 9.3% of the total; and the equity investment in ecological and environmental protection and other fields amounted to RMB26.84 billion, accounting for 4.3% of the total.

As of June 2022, 216 PPP projects of the Company were in operation with a planned equity investment of approximately RMB312.9 billion, accounting for 49.6% of the total. Classified by type, the operated projects are mainly concentrated in the fields of municipal roads, comprehensive pipeline networks, cultural and sports venues, urban comprehensive and ecological environment protection. The Company keeps optimizing the operation and management of PPP projects. On the one hand, it supervises its subsidiaries to complete the planning, preparation and filing of operation plans in a timely and efficient manner; on the other hand, it monitors the project operating income, assessment results and government payments through the filling and input of form data from various modules of the investment system, to effectively protect the investment income, and detect and resolve investment risks timely. In the first half of 2022, the Company has formed research reports on 8 types of operating formats. The PPP projects in operation recorded a good result in operational performance assessment. Among the projects, 99.1% reached the designed target, with the payment recovery rate of 94.7%, and the accumulated equity payment of RMB61.54 billion, demonstrating that the adverse impact of the pandemic on projects in operation has been overcome, and the obligation to pass the performance assessment and achieve the investment recovery was satisfactorily fulfilled.

(III) Operating status of the professional sectors

Since the implementation of the "specialization" strategy, the Company has fostered and developed a number of professional companies with sophisticated management mechanisms, innovative capabilities and core competencies in their respective specialized fields. The Company split its principal business into 11 professional sub-sectors, which continued to maintain sound development momentum as a whole. The total value of new contracts was RMB328.64 billion, a year-on-year increase of 19.7%; revenue was RMB204.04 billion, a year-on-year increase of 8.1%; gross profit was RMB15.41 billion, a year-on-year increase of 12.1%; and operating profit was RMB8.19 billion, a year-on-year increase of 26.4%.

During the Reporting Period, the Company's specialized division and layout became more rational, the synergetic and coordination mechanism was more sophisticated, and the overall competitive edge became more prominent. Various specialized sectors and related subsidiaries provided solid support for the Company's development in the full business area, full life cycle, and whole industry chain capabilities. China Construction Science and Industry has been ranking first in the steel structure industry for nine consecutive years. The core propane dehydrogenation plant product of China Construction Industrial & Energy Engineering Group Co., Ltd. had the largest market share in the world. The construction scale of glass curtain wall business of China State Decoration remained its leading position in the industry. China Construction Science & Technology and CSCI built up 35 modern assembly industry bases in key regions across the country. West Construction continued to maintain a leading position in the industry in terms of the concrete output for commercial use.

Unit: 100 million yuan Currency: RMB

Items	Names of sectors	Value of new contracts	Revenue for 2022H1	YoY increase (%)	Gross profit for 2022H1	YoY increase (%)	Operating profit for 2022H1	YoY increase (%)
Cross-sector	Installation	280.6	338.6	5.4	10.1	13.5	5.9	32.5
	Steel structure	92.0	104.8	-10.8	6.9	25.6	2.8	24.3
	Commercial concrete	295.0	118.3	-4.4	12.7	4.0	5.3	5.6
Housing construction	Decoration	201.0	235.3	20.1	19.0	37.7	9.2	64.7
	Gardening	30.9	53.5	-12.0	4.1	-12.7	2.1	-12.8
Infrastructure	Municipal projects	908.9	407.3	4.8	38.0	9.1	25.9	83.3
	Railways	89.1	58.8	17.7	1.4	-15.8	-1.5	-421.8
	Rail transit	583.3	206.2	41.4	14.6	39.4	8.3	144.4
	Roads and bridges	665.1	449.6	7.3	42.4	4.5	22.1	-13.7
	Electricity	64.3	27.7	10.8	1.2	13.3	0.3	105.7
	Port engineering	76.2	40.3	1.3	3.7	-0.2	1.4	11.3
Total		3,286.4	2,040.4	8.1	154.1	12.1	81.9	26.4

Items	Names of sectors	Gross profit margin (%)			Operating profit margin (%)		
		2022H1	2021H1	YoY change (percentage points)	2022H1	2021H1	YoY change (percentage points)
Cross-sector	Installation	3.0	2.8	0.2	1.7	1.4	0.4
	Steel structure	6.6	4.7	1.9	2.7	1.9	0.8
	Commercial concrete	10.7	9.9	0.9	4.5	4.1	0.4
Housing construction	Decoration	8.1	7.1	1.0	3.9	2.9	1.1
	Gardening	7.6	7.7	-0.1	3.9	4.0	0.0
Infrastructure	Municipal projects	9.3	9.0	0.4	6.4	3.6	2.7
	Railways	2.4	3.4	-1.0	-2.5	0.9	-3.4
	Rail transit	7.1	7.2	-0.1	4.0	2.3	1.7
	Roads and bridges	9.4	9.7	-0.3	4.9	6.1	-1.2
	Electricity	4.3	4.2	0.1	1.2	0.7	0.6
	Port engineering	9.2	9.3	-0.1	3.5	3.1	0.3
Total		7.6	7.3	0.3	4.0	3.4	0.6

(IV) Explanation on significant changes in profit arising from non-principal business

 Applicable N/A

(V) Analysis of assets and liabilities

 Applicable N/A

1. Assets and liabilities

Unit: '000 yuan Currency: RMB

Items	Amount as at the end of the current period	Percentage of amount as at the end of the current period to total assets (%)	Amount as at the end of the last period	Percentage of amount as at the end of last period to total assets (%)	Change of amounts as at the end of the current period compared with that at the end of the same period of last year (%)	Remarks
Total assets	2,596,852,299	100.0	2,388,249,126	100.0	8.7	Total assets increased by RMB208.6 billion compared with that at the end of the same period of last year, mainly due to the increases in contract assets of RMB69.6 billion, accounts receivable of RMB47 billion, inventories of RMB46.6 billion and cash and bank balances of RMB16.6 billion.
Cash and bank balances	344,016,429	13.2	327,460,535	13.7	5.1	Cash and bank balances increased by RMB16.6 billion compared with that at the end of the same period of last year, mainly due to the increase in bank deposits as a result of the net cash inflow from financing activities.
Financial assets held for trading	52,204	0.0	71,597	0.0	-27.1	Financial assets held for trading decreased by RMB20 million compared with that at the end of the same period of last year, mainly due to disposal of investment in shares.
Notes receivable	11,561,853	0.4	17,745,605	0.7	-34.8	Notes receivable decreased by RMB6.2 billion compared with that at the end of the same period of last year, mainly due to decrease in settlement of commercial acceptance bills in current period to avoid capital recovery risks.
Accounts receivable	227,736,849	8.8	180,699,591	7.6	26.0	Accounts receivable increased by RMB47 billion compared with that at the end of the same period of last year, mainly due to expansion in scale of overall business resulting in increase in accounts receivable.
Accounts receivable financing	4,518,144	0.2	3,779,728	0.2	19.5	Accounts receivable financing increased by RMB700 million compared with that at the end of the same period of last year, mainly due to the increase in settlement of bank acceptance bills by some property owners to alleviate cash flow pressure.
Other receivables	67,669,149	2.6	60,951,635	2.6	11.0	Other receivables increased by RMB6.7 billion compared with that at the end of the same period of last year, mainly due to increases in advances receivable and deposits and petty cash receivable.
Inventories	750,002,280	28.9	703,446,149	29.5	6.6	Inventories increased by RMB46.6 billion compared with that at the end of the same period of last year, mainly due to the increases in cost of development and products developed arising from the increase in investment in real estate development business.

Unit: '000 yuan Currency: RMB

Items	Amount as at the end of the current period	Percentage of amount as at the end of the current period to total assets (%)	Amount as at the end of the last period	Percentage of amount as at the end of last period to total assets (%)	Change of amounts as at the end of the current period compared with that at the end of the same period of last year (%)	Remarks
Contract assets	285,271,871	11.0	215,697,090	9.0	32.3	Contract assets increased by RMB69.6 billion compared with that at the end of the same period of last year, mainly due to the increase in completed but unsettled balance arising from the accelerated construction progress of partial projects yet delay in owner's confirmation of rights.
Long-term receivables	96,250,650	3.7	103,310,203	4.3	-6.8	Long-term receivables decreased by RMB7.1 billion compared with that at the end of the same period of last year, mainly due to settlement of BT projects and other infrastructure projects in current period.
Long-term equity investment	104,670,989	4.0	100,838,539	4.2	3.8	Long-term equity investment increased by RMB3.8 billion compared with that at the end of the same period of last year, mainly due to the increase in investment in associates and joint ventures.
Investment property	139,766,832	5.2	122,696,798	5.1	9.0	Investment property increased by RMB11.1 billion compared with that at the end of the same period of last year, mainly due to increase in purchases in current period.
Fixed assets	46,039,273	1.8	43,455,961	1.8	5.9	Fixed assets increased by RMB2.6 billion compared with that at the end of the same period of last year, mainly due to increase in purchases in current period.
Right-of-use assets	7,108,579	0.3	5,881,473	0.2	20.9	Right-of-use assets increased by RMB1.2 billion compared with that at the end of the same period of last year, mainly due to the increase in demand for leased plants and housing with expansion of operating scale.
Construction in progress	3,891,357	0.1	3,706,669	0.2	5.0	Construction in progress increased by RMB200 million compared with that at the end of the same period of last year, mainly due to acceleration of construction progress.
Other non-current assets	232,703,071	9.0	223,545,320	9.4	4.1	Other non-current assets increased by RMB9.2 billion compared with that at the end of the same period of last year, mainly due to the increase in investment amount unconfirmed by property owners in current period with the progress of construction.
Total liabilities	1,936,845,689	74.6	1,748,546,817	73.2	10.8	Total liabilities increased by RMB188.3 billion compared with that at the end of the same period of last year, mainly due to the increases in short-term borrowings of RMB50 billion, accounts payable of RMB70.7 billion, deferred tax liabilities of RMB5.6 billion, notes payable of RMB3.9 billion, other current liabilities of RMB17.1 billion and long-term borrowings of RMB52.7 billion.
Short-term borrowings	109,923,163	4.2	59,945,832	2.5	83.4	Short-term borrowings increased by RMB50 billion compared with that at the end of the same period of last year, mainly due to increased short-term borrowings to replenish working capital and alleviate capital pressure arising from the increase in business volume.

Unit: '000 yuan Currency: RMB

Items	Amount as at the end of the current period	Percentage of amount as at the end of the current period to total assets (%)	Amount as at the end of the last period	Percentage of amount as at the end of last period to total assets (%)	Change of amounts as at the end of the current period compared with that at the end of the same period of last year (%)	Remarks
Contract liabilities	290,057,115	11.1	323,735,026	13.6	-10.4	Contract liabilities decreased by RMB33.7 billion compared with that at the end of the same period of last year, mainly due to the decrease in advances for sale of properties arising from delivery of certain properties and income from carry-forward of contract liabilities.
Long-term borrowings	387,442,060	14.9	334,735,903	14.0	15.7	Long-term borrowings increased by RMB52.7 billion compared with that at the end of the same period of last year, mainly due to increases in business volume and demand for daily working capital and capital for investment and construction.
Lease liabilities	4,847,107	0.2	3,682,337	0.2	31.6	Lease liabilities increased by RMB1.2 billion compared with that at the end of the same period of last year, mainly due to increases in business volume and lease of buildings and equipment.
Notes payable	11,413,989	0.4	7,553,066	0.3	51.1	Notes payable increased by RMB3.9 billion compared with that at the end of the same period of last year, mainly due to payment primarily in form of notes to alleviate capital pressure.
Accounts payable	587,183,728	22.6	516,475,667	21.6	13.7	Accounts payable increased by RMB70.7 billion compared with that at the end of the same period of last year, mainly due to the increase in payables for services and purchase of materials as expansion of business in housing construction and infrastructure construction business.
Other current liabilities	97,517,570	3.8	80,421,081	3.4	21.3	Other current liabilities increased by RMB17.1 billion compared with that at the end of the same period of last year, mainly due to the issuance of short-term financing bonds and the increase in other financing to replenish working capital and satisfy capital needs with increase in the business volume.
Deferred income tax liabilities	10,982,164	0.4	5,394,969	0.2	103.6	Deferred income tax liabilities increased by RMB5.6 billion compared with that at the end of the same period of last year, mainly due to the increase in deferred income tax liabilities recognized arising from assessed appreciation in assets of acquired subsidiaries.
Other non-current liabilities	2,641,481	0.1	7,456,105	0.3	-64.6	Other non-current liabilities decreased by RMB4.8 billion compared with that at the end of the same period of last year, mainly due to reclassification of exchangeable bonds due within one year to non-current liabilities due within one year.

Other explanation Nil

2. Overseas assets

Applicable N/A

(1) Asset scale

Of which: As at the end of the Reporting Period, the overseas assets of the Company amounted to RMB178.6 billion, accounting for 6.9% of the total assets.

(2) Relevant explanation on a higher proportion of overseas assets

Applicable N/A

Other explanation

During the Reporting Period, there were no material changes in major assets of the Company. The above data on overseas assets was not reviewed.

3. Restriction on major assets as at the end of the Reporting Period

Applicable N/A

For details, please refer to Note V. 70 "Assets with restricted ownership" to the financial statements under Section X "FINANCIAL REPORT".

4. Other explanation

Applicable N/A

As at the end of the Reporting Period, the Company's total interest-bearing liabilities were RMB720.6 billion, representing an increase from the beginning of the year. This was mainly due to the increase in the Company's business volume, the corresponding increase in borrowings, and the increase in interest expenses. As of the issuance date of this Report, the Company publicly issued new ordinary bonds with a total nominal value of approximately RMB35 billion, which well satisfied the need for funding arising from the rapid development of business as well as industrial restructuring. The Company's financing structure was further optimized through increasing the efforts in direct financing.

(VI) Analysis of investment

1. General analysis of external equity investment

√ Applicable □ N/A

The Company's external equity investment mainly includes stocks purchased from the secondary market for trading purposes, and equities held in other listed or unlisted companies for non-trading purposes. Accounting items include financial assets held for trading, investments in other equity instruments, long-term equity investments and other non-current financial assets.

(1) Major equity investment

□ Applicable √ N/A

(2) Major non-equity investment

□ Applicable √ N/A

(3) Financial assets measured at fair value

√ Applicable □ N/A

Unit: '000 yuan Currency: RMB

Stock code	Abbreviation	Investment cost at the beginning of the period	Changes in investment cost during the period	Investment cost at the end of the period	Carrying value at the end of the period	Gains or losses for the Reporting Period	Changes in fair value in the Reporting Period	Accounting items	Source of shares
601838.SH	BANK OF CHENGDU	255	-255	0	0	1,601	1,078	Financial assets held for trading	Purchase
601328.SH	BANKCOMM	2,660	-2,660	0	0	1,300	731	Financial assets held for trading	Purchase
600015.SH	HUAXIA BANK	5,558	0	5,558	6,952	-69	-520	Financial assets held for trading	Purchase
601288.SH	AGRICULTURAL BANK OF CHINA	796,467	-283,247	513,220	578,330	0	-12,159	Investments in other equity instruments	Purchase
600015.SH	HUAXIA BANK	241,479	0	241,479	302,026	19,594	-22,608	Investments in other equity instruments	Purchase
601328.SH	BANKCOMM	2,005	0	2,005	7,140	0	530	Investments in other equity instruments	Purchase
000617.SZ	CNPCCCL	1,900,000	0	1,900,000	1,183,589	32,481	-91,045	Other current assets	Purchase
600390.SH	MINMETALS CAPITAL	1,500,000	0	1,500,000	867,192	0	-76,256	Other current assets	Purchase
	Other investment in securities	51,220	-4,042	47,178	45,252	2,439	1,080	Financial assets held for trading	Purchase
	Total	4,499,644	-290,204	4,209,440	2,990,481	57,346	-199,169	/	/

Notes:

① This table sets out the Company's investment in stock securities including financial assets held for trading, other current assets, and investments in other equity instruments.

② Gains or losses for the Reporting Period, with respect to financial assets held for trading, include the investment income and changes in fair value during the holding period and investment gains from disposals during the Reporting Period; with respect to investments in other equity instruments and other current assets, include investment gains during the holding period.

③ Other securities investment refers to investment in stock securities accounted for as financial assets held for trading, investment in other equity instruments other than those listed above.

④ In addition to the table above, for other items included in financial assets held for trading and investments in other equity instruments, please refer to the relevant information as set out in Note V. 2 "Financial assets held for trading" and Note V. 15 "Investments in other equity instruments" to the financial statements under Section X "FINANCIAL REPORT".

(VII) Major disposal of assets and equity interests

Applicable N/A

(VIII) Analysis of major controlling companies or companies with shareholding

Applicable N/A

1. Major subsidiaries acquired through incorporation or investment

Unit: '000 yuan Currency: RMB

Name	Nature of business	Registered capital	Shareholding ratio (%)	Total assets	Net assets	Net profit
COHL	Investment holding	31,032,258	100.00	1,020,725,228	344,288,539	18,723,333
China Overseas Land & Investment	Real estate development and operation	HKD1,095,000,000	56.09	826,321,458	309,361,152	14,819,423
CSCI	Construction and installation	HKD1,500,000,000	64.81	184,726,127	54,569,557	3,834,869
China Construction First Group Corporation Limited	Construction and installation	10,000,000	100.00	103,945,103	23,293,223	2,020,417
China Construction Second Engineering Bureau Ltd.	Construction and installation	10,000,000	100.00	161,637,857	31,527,362	1,719,078
China Construction Third Engineering Bureau Group Co., Ltd.	Construction and installation	5,039,865	100.00	273,919,662	63,935,705	4,937,562
China Construction Fourth Engineering Division Corp. Ltd.	Construction and installation	8,000,000	100.00	143,774,873	20,412,612	33,046
China Construction Fifth Engineering Division Corp., Ltd.	Construction and installation	10,000,000	100.00	173,831,982	36,217,378	2,032,541
China Construction Sixth Engineering Bureau Corp., Ltd.	Construction and installation	4,277,946	100.00	63,549,620	12,330,275	183,481
China Construction Seventh Engineering Division Corp., Ltd.	Construction and installation	6,000,000	100.00	121,464,926	23,660,447	916,243
China Construction Eighth Engineering Division Corp., Ltd.	Construction and installation	15,178,000	100.00	277,811,731	68,838,020	5,926,403
China Southwest Architecture	Engineering survey and design	383,310	100.00	7,282,850	2,373,257	215,149
China State Decoration	Industrial renovation and decoration	1,000,000	100.00	17,806,213	1,881,327	70,201
China Construction Fangcheng	Infrastructure construction	5,000,000	100.00	53,359,132	17,783,858	855,220

2. Major subsidiaries acquired through business combination under common control

Unit: '000 yuan Currency: RMB

Name	Nature of business	Registered capital	Shareholding ratio (%)	Total assets	Net assets	Net profit
Xinjiang Construction & Engineering	Construction and installation	3,500,000	85.00	61,819,828	16,039,391	1,148,012
West Construction	Construction materials	1,262,354	57.79	33,342,394	11,723,702	458,040
Shenzhen China Overseas Investment Management Co., Ltd.	Real estate development and operation	2,650,000	100.00	509,590	479,018	17,701
CSC Finance	Finance	12,000,000	80.00	102,557,498	15,170,212	506,284

3. Major subsidiaries acquired through business combination not under common control

Unit: '000 yuan Currency: RMB

Name	Nature of business	Registered capital	Shareholding ratio (%)	Total assets	Net assets	Net profit
CSC Development	Construction and installation	HKD100,000,000	45.87	8,294,634	1,764,001	262,828
China Construction Harbour and Channel Engineering Bureau	Infrastructure construction business	1,333,333	70.00	9,738,301	2,244,422	156,742

For details, please refer to relevant information as set out in "1. Interests in subsidiaries" under Note VII "Interest in other entities" to the financial statements under Section X "FINANCIAL REPORT".

(IX) Structured entities under the control of the Company

Applicable N/A

For details, please refer to relevant information as set out in "3. Interests in consolidated structured entities" under Note VII "Interest in other entities" to the financial statements under Section X "FINANCIAL REPORT".

V. Other Disclosures

(I) Potential risks

Applicable N/A

1. Customer credit risks

Since the beginning of this year, the debt crisis of property enterprises with medium and high risk, featuring in high debt, high leverage and excessive diversification, continued to intensify. As an important player in the industry chain, the Company is feeling the impact of the spillover from the default risk of related property enterprises. The Company actively enhanced credit risk prevention for front-end customers, paid close attention to the risk developments of property enterprises with medium and high risk and strengthened research on policies as well as prevention and resolution of credit risk of front-end customers. It further enhanced the baseline management of marketing by managing customers based on credit risk rating and enhanced negotiation of commercial terms of contract and risk management. The Company doubled its efforts to monitor project performance, established a public opinion supervision system for risky customers and regularly held meetings on risk prevention and control in order to establish and improve a normalized management mechanism for customer credit risk prevention and response.

2. Macro-economic risks

Since the beginning of this year, the world economy has been facing severe challenges under the influence of the Russia-Ukraine conflict, China-US relations, the world landscape, among others. Coupled with the resurgence of the pandemic in many places of the country, China is facing demand contraction in its economic growth and an overall slow-down in the development of the construction industry. The Company is facing a more complicated situation in its growth. In light of the complicated and changing outlook at home and abroad, the Company maintained steady growth, and proactively served to build a new development pattern. Focusing on the theme of "high quality development", the strategic goal of "one creation and five aspects of strength" and the "six commitments", the Company steadily promoted the development of its primary business, moved towards high-quality development, innovative development, green development, optimized business development, digital development and big security development, and appropriately expanded to emerging business fields in close relation to its primary business.

3. Pandemic prevention and control risks

The COVID-19 pandemic continued to spread around the world this year. China has been significantly and widely feeling the impact of the pandemic. Under the greater pressure of “preventing imported cases and domestic resurgences”, China is facing severe challenges in pandemic prevention and control. Engaging in the labor-intensive construction industry and carrying out projects all over China and overseas, the Company is facing challenges and uncertainties in pandemic prevention and control. The Company has always adhered to the general policy of “dynamic zero-COVID” and the combination of normalized precise prevention and control and local emergency response, continuously facilitated the establishment of the pandemic prevention and control system, and strictly strengthened the pandemic prevention and control network.

4. Safety, environmental protection and quality risks

This year has seen the frequent occurrence of natural disasters such as earthquakes, high temperatures and heavy rains, and the resurgence of the pandemic across China. The employment model under the new situation has impacted traditional management, and there are new requirements for and challenges in the risk prevention and control in terms of safety, environmental protection and quality. Adhering to the philosophy of “life and safety first”, the Company introduced programs on enhancing the awareness of safety production; established and improved the dual prevention mechanism of safety production risk classification management and control and hidden danger investigation and management; organized normalized cross-examination and exchange and learning; accelerated the implementation of “ten resolutions of safety production” of CSCEC; and improved the overall safety management level of subsidiaries at all levels. The Company carried out investigation and rectification of environmental risks and hidden dangers, urged enterprises at all levels to continuously improve the environmental protection risk management system, and established a normalized environmental protection risk investigation mechanism, to promote the overall improvement of the environmental protection risk management level of the whole system. It also improved the quality risk management and control system, resolutely eliminated major quality accidents to ensure the quality and safety of engineering structures.

The financial risks faced by the Company in its operating activities include market risks (mainly interest rate risks, exchange rate risks and equity instrument investment price risks), credit risks and liquidity risks. With a focus on the unpredictability of the financial market, the overall risk management plan of the Company seeks to reduce the potential adverse impact of such risks on the financial performance. For details, please refer to the relevant information as set out in Note VIII “Financial instruments and related risks” to the financial statements under Section X “FINANCIAL REPORT”.

For details of the Company’s goodwill and impairment, please refer to the relevant information as set out in Note V. 22 “Goodwill” to the financial statements under Section X “FINANCIAL REPORT”.

(II) Other disclosures

Applicable N/A

SECTION IV CORPORATE GOVERNANCE

I. Overview of the General Meetings of Shareholders

Session	Date	Search index of the designated website for publishing resolutions	Date of disclosure of resolutions	Resolutions
2021 annual general meeting	May 13, 2022	www.sse.com.cn	May 14, 2022	Considered and approved 14 resolutions including the 2021 Work Report of the Board of Directors of China State Construction Engineering Corporation Limited, the 2021 Work Report of Independent Directors of China State Construction Engineering Corporation Limited, the 2021 Work Report of the Board of Supervisors of China State Construction Engineering Corporation Limited, the Proposal on 2021 Annual Final Accounts Report of China State Construction Engineering Corporation Limited and the Proposal on 2021 Profit Distribution Plan of China State Construction Engineering Corporation Limited.

Preference shareholders with voting rights recovered request convening extraordinary general meeting

Applicable N/A

Description of general meetings

Applicable N/A

On May 13, 2022, the Company held the 2021 annual general meeting, at which 14 resolutions were considered and approved, including the 2021 Work Report of the Board of Directors of China State Construction Engineering Corporation Limited. These resolutions were disclosed on the website of the Shanghai Stock Exchange, China Securities Journal, Shanghai Securities News, Securities Times and Securities Daily. For details, please refer to the Announcement on Resolutions of 2021 Annual General Meeting of China State Construction Engineering Corporation Limited (Announcement No.: 2022-030) published on May 14, 2022.

II. Changes in Directors, Supervisors and Officers

Applicable N/A

Name	Position held	Change
Zhang Zhaoxiang	President	Appointed

Explanation on changes in directors, supervisors and officers

Applicable N/A

Changes in directors: Nil.

Changes in supervisors: Nil.

Changes in officers: The Company held the thirteenth meeting of the third session of the Board of Directors on February 25, 2022, at which the Proposal on Appointment of Zhang Zhaoxiang as the President of China State Construction Engineering Corporation Limited and the Proposal on Election of Zhang Zhaoxiang as Member of the Strategy and Investment Committee of the Third Session of the Board were considered and approved. It was approved that Mr. Zhang Zhaoxiang would serve as the Company's president and a member of the Strategy and Investment Committee of the third session of the Board.

III. Proposed Profit Distribution or Reserve Capitalization Plan

Profit distribution plan and reserve capitalization plan proposed for the first half year

Whether to distribute or capitalize	No
Number of bonus shares per 10 shares	0
Amount of dividends distributed per 10 shares (RMB) (tax inclusive)	0
Number of shares capitalized per 10 shares	0

Explanation on proposed profit distribution or reserve capitalization plan

In the first half of 2022, the Company did not make any profit distribution or reserve capitalization.

IV. Equity Incentive Scheme, Employee Stock Ownership Plan or Other Employee Incentive Schemes of the Company and Their Implications

- (I) Relevant incentive matters disclosed in provisional announcements without further progress or changes in subsequent implementation

Applicable N/A

Summary of matter	Index for details
190,784,000 shares were unlocked as the second tranche in 2021 under Phase III restricted A share scheme, and the date of listing and trading was January 19, 2022.	Announcement on the Second Tranche of Unlocking in 2021 in Respect of Phase III Restricted A Share Incentive Scheme and Listing of Shares published on January 12, 2022.
The Company's repurchase and cancellation of restricted shares involved a total of 35 participants of the Company's Phases I, II, III and IV restricted A share incentive schemes (including simultaneous repurchase from 1 participant of Phases II and III restricted A shares, and simultaneous repurchases from 5 participants of Phases III and IV restricted A shares). A total of 7,309,000 restricted shares were proposed to be repurchased and cancelled (210,000, 119,000, 5,060,000 and 1,920,000 restricted shares under Phases I, II, III and IV respectively). After the completion of the repurchase and cancellation, the registered capital and share capital of the Company will be reduced by RMB7,309,000 (shares) to RMB41,940,858,844 (shares).	Announcement on Implementation of Repurchase and Cancellation of Part of Restricted Shares under the Equity Incentive Scheme published on April 12, 2022.
It was considered and approved by the Company to repurchase restricted shares that were subject to restriction on unlocking from 58 participants (61 repurchases in total) involved in Phases III and IV restricted A share incentive scheme. A total of 6,206,000 restricted shares were repurchased, of which, the number of restricted A shares under Phases III and IV were 4,316,000 shares and 1,890,000 shares, respectively. The repurchase of Phase III restricted A shares was based on RMB3.468 per share, and Phase IV based on the price of RMB3.06 per share. The total amount of funds for the repurchase was RMB20,802,764.41. After all the repurchased shares are cancelled, the registered capital of the Company will be reduced by RMB6,206,000.	Announcement on Decrease in Registered Capital of the Company after Repurchase and Cancellation of Part of Phases III and IV Restricted Shares and Notice to Creditors published on May 14, 2022.
The Company's repurchase and cancellation of restricted shares involved a total of 60 participants of the Company's Phases III and IV restricted A share incentive scheme (including simultaneous repurchase from 3 participants of Phases III and IV restricted A shares). A total of 6,426,000 restricted shares were proposed to be repurchased and cancelled (4,536,000 and 1,890,000 restricted shares under Phases III and IV respectively). After the completion of the repurchase and cancellation, the registered capital and share capital of the Company will be reduced by RMB6,426,000 (shares) to RMB41,934,432,844 (shares).	Announcement on Implementation of Repurchase and Cancellation of Part of Restricted Shares under the Equity Incentive Scheme published on July 29, 2022.

- (II) Incentives not disclosed in provisional announcements or with subsequent progress

Information on equity incentives

Applicable N/A

Other explanation

Applicable N/A

Information on employee stock ownership plan

Applicable N/A

Other incentives

Applicable N/A

SECTION V ENVIRONMENTAL AND SOCIAL RESPONSIBILITY

I. Environmental Information

- (I) Explanation on environmental protection efforts of the highly polluting companies and their key subsidiaries as announced by the environmental protection authority

Applicable N/A

- (II) Explanation on environmental protection efforts of companies other than highly polluting companies

Applicable N/A

1. Administrative penalties due to environmental issues

Applicable N/A

During the Reporting Period, a total of 57 construction projects of the Company's subsidiaries received administrative penalties due to environmental problems such as construction noise, dust, sewage and solid waste, involving a total fine of approximately RMB2.139 million¹. To date, all of the issues involved in the aforementioned administrative penalties have been rectified.

2. Disclosure of other environmental information with reference to highly polluting companies

Applicable N/A

The impact of the Company's production and operation activities on the environment includes primarily noise pollution, air pollution, and sewage pollution. For the construction projects undertaken, the Company carried out identification of important environmental factors and environmental management planning in accordance with relevant laws and regulations and the requirements of the EIA approval documents, clarified the environmental management objectives of the project, deployed and regulated the operation of various pollution prevention and control facilities, and paid attention to the promotion and application of the "four new" technologies (i.e., new technology, new process, new materials and new equipment) of energy conservation and environmental protection. By implementing new construction, green construction and intelligent construction, pollution and material loss are reduced from the source, energy consumption is reduced, resource utilization efficiency is improved, and environmental protection and pollution prevention are further promoted to minimize the impact of construction on the environment and pollutant discharge; for the construction projects invested by the Company, the Company adheres to the environmental impact assessments in accordance with the laws, integrates energy conservation and environmental protection requirements in the entire process of design, construction and operation, to ensure that pollution prevention facilities and project entities are designed, constructed and put into operation simultaneously.

3. Reasons for not disclosing other environmental information

Applicable N/A

- (III) Explanation on the subsequent progress or changes in the environmental information disclosure during the Reporting Period

Applicable N/A

¹ Note: Statistics on administrative penalty is mainly based on the self-inspection of the Company and its subsidiaries.

(IV) Relevant information that is conducive to protecting ecology, preventing pollution, and fulfilling environmental responsibilities

Applicable N/A

Guided by President Xi Jinping's ideology on ecological civilization, the Company thoroughly implemented the decision and deployment on ecological environmental protection of the CPC Central Committee and the State Council, and continued to implement environmental protection and pollution prevention measures.

- 1. Continuous enhancement of the establishment of ecological and environmental protection management system.** During the Reporting Period, the Company, in accordance with the latest policies, prepared and issued a number of internal rules and regulations such as the Ecological Environmental Protection Management Rules to further improve the construction of the ecological and environmental protection system, and clarify the main responsibilities of units at all levels for ecological and environmental protection.
- 2. Solid management of ecological and environmental protection compliance.** The Company continued to suppress and reduce violations of ecological and environmental protection, and adhered to a "zero tolerance" attitude towards such violations; during the Reporting Period, the Company organized trainings and publicity campaigns on ecological and environmental protection, invited authoritative experts to interpret the latest national policies and regulations, and strived to improve the management level of business personnel in units at all levels.
- 3. In-depth investigation and rectification of ecological and environmental risks.** During the Reporting Period, the Company adhered to ecological and green development, upholding the philosophy that "lucid waters and lush mountains are invaluable assets", with a focus on ecological sensitive areas and key areas, conducted in-depth investigations of existing issues, and strictly controlled potential ecological and environmental risks, with a view to ensure the stable development of the enterprise.
- 4. Intensified efforts to create a green demonstration and leading benchmark.** The Company, implementing a new development concept, intensified its efforts to promote green and high-quality development and build a green demonstration benchmark. For example, China Construction Eighth Engineering Division, a subsidiary of the Company, approved 53 national-level green construction demonstration projects, completed 36 mid-term evaluation and acceptance projects, with 12 projects awarded the star rating of green construction by China Association of Construction Enterprise Management; 29 units under the West Construction were awarded "National Green Demonstration Factory in Pre-mixed Concrete Industry", and 25 units were awarded the "Green Building Materials Evaluation Label".
- 5. Active promotion of green construction.** The Company is committed to exploring industrialized, digital and green construction. For example, China Construction Science & Technology, a subsidiary under the Company, gave full play to the advantages of prefabricated integrated construction during the construction of Xuzhou Garden Expo Park project. Following the concept of green development, it completed the construction of 15 buildings in Xuzhou Garden Expo Park within 9 months, with a total area of about 300,000 square meters. The project saved water by 20%, materials by 43%, cement mortar by 52% and construction waste by 68% during construction; MiC technology applied by CSCI, as one of the most advanced intelligent construction technologies, can reduce construction waste by about 70%, construction carbon emissions by 50%, and material waste by 25% compared with the traditional construction mode.
- 6. Participation in external pollution control and ecological restoration.** The Company has undertaken a large number of environmental and ecological restoration projects in key areas such as rivers, mines, and deserts. For example, in order to purify the water body and maintain the ecology of Nanhu Lake in Jiaxing, Zhejiang Province, the Company has adopted 8 sets of super magnetic habitat improvement facilities with independent intellectual property rights to effectively remove suspended solids, algae and organic phosphorus in the water body. With a daily purification capacity of 200,000 tons of water, the technology improved obviously the transparency of the water body. For the Chongqing Guangyang Island Park project undertaken by the Company, after the ecological restoration, the vegetation coverage rate reached more than 90% attracting nearly 500 species of animals for forage and rest, and nearly 600 species of plants "reproduced and thrived" there, satisfying the needs of biodiversity and people's needs for a better life.

(V) Measures taken to reduce carbon emissions during the Reporting Period and the effects

√ Applicable □ N/A

1. **Strengthened Party leadership and the top-level design.** The Company has formed “dual carbon” leadership group and working group and held several special meetings to make arrangements relating to energy conservation and carbon reduction. It stressed that “dual carbon” initiatives shall be carried out from a holistic picture in the long term and the “dual carbon” mode of CSCEC shall be implemented throughout its construction. The Company has established a distinctive system of products and technologies with leading edges, building itself into a top construction service provider with full service capabilities integrating planning, design, construction and product in the “dual carbon” field. CSCEC has implemented energy conservation and carbon reduction in all aspects of its development, launched specific “dual carbon” initiatives, and actively invested in energy efficiency enhancement, investment and operation, survey and design, mode of construction, low-carbon transition, “dual carbon” technologies, green finance and other aspects.
2. **Improved green investment and operation to promote low-carbon transition.** The Company strived to implement the green development and carbon reduction in all sectors and aspects of investment, construction and operation. As one of the first advocates of green construction in the industry, the Company actively followed green construction practices by making full use of intelligent management platforms such as BIM, yzw.cn (云筑网), and digital construction in projects under construction. The Company promoted the use of temporary construction facilities for box-type houses, energy-saving equipment such as solar street lights and air energy heat pumps, the reduction and resource utilization of construction waste, and effectively implemented the green construction concepts in every aspect and every stage of production, achieving a higher level of and better results in energy saving and carbon reduction.
3. **A research institute set up for industrial technology studies.** The Industrial Technology Institute for Carbon Peak and Carbon Neutrality (sponsored) (碳达峰碳中和产业技术研究院) of CSCEC was founded by the Company jointly with academic think tanks, renowned colleges and universities and other research institutions to study “dual carbon” policies, industry development trends and future industrial research. The Company set up the Green and Low-Carbon Development Research Center with the support of the China State Construction Industry Research Institute (中建产研院), and explored the establishment of a construction-related carbon emission database and statistical monitoring platform, strengthened the research and application of comprehensive carbon reduction technologies such as energy saving, water saving, material saving, greening and carbon sink during construction to provide effective technological support for carbon emission reduction based on the research results of the sub-project of the 13th Five-Year Plan national key R&D program undertaken by the Company, namely Research and Development Platform of Building Carbon Emission Information Accounting (《建筑碳排放信息化核算平台研发》).
4. **Improved green and low-carbon management system to promote the green transition and upgrading of the entire industry.** The Company has revised a series of management systems including the Ecological Environmental Protection Management Rules after taking into account of the new situation and new requirements of green, low-carbon, ecological and environmental protection. In terms of institutional and personnel management, the Company strengthened the setting up and staffing of institutions at all levels, enhanced the promotion, education and training, and focused on improving the capacity to promote green and low-carbon development in a systematic, overall and coordinative manner. In addition, the Company took a lead in the formulation of dozens of national, local and industrial standards in recent years, which promoted the green and low-carbon transition and upgrading in the whole industry.
5. **Vigorous efforts in developing prefabricated buildings and launching green financial products.** As of the end of June 2022, the Company invested and constructed more than 40 steel structure and concrete component production plants, with annual production capacity ranking top in the industry. The Company promoted the transformation of construction methods, reduced energy and resource consumption, and promoted the implementation of carbon emission reduction. The CSCEC applied various green financial instruments through the sound green finance system and formed a set of replicable and popularized green finance application models. The CSCI issued RMB960 million medium-term notes for implementing the “technology+” strategy in the field of MIC fabricated construction. China Construction Science & Technology successfully issued RMB300 million green renewable corporate bonds on the Shanghai Stock Exchange for the development of green industries such as fabricated construction.
6. **Green and low-carbon industrial deployment and promotion of demonstration projects.** In recent years, the Company has intensified its investment in clean energy projects involving nuclear power, photovoltaic power generation, wind power, and pumped storage power plants, as well as projects in sponge city construction, ecological restoration, and sewage treatment plant construction. The Company established several key demonstration projects for energy conservation and carbon reduction in Beijing, Shenzhen, Suzhou, Wuhan, Qingdao, Chengdu and other cities. These projects include self-occupied office buildings, business operation parks, industrial parks, operation and maintenance of infrastructure, building and infrastructure projects in progress. The demonstration projects helped to promote the green and low-carbon working mode and the demonstration application of advanced green construction technologies, and achieved a new mode of green and low-carbon construction.

II. Information on Consolidating and Expanding the Results in Poverty Alleviation, Rural Revitalization and Other Specific Tasks

√ Applicable □ N/A

(I) Planning of rural revitalization

The Company resolutely implemented the arrangements of the CPC Central Committee and the State Council on rural revitalization and met the requirement of “sticking to responsibility, policy, support and regulation regardless of the lifting of poverty-stricken titles”. The Company provided targeted and concrete assistance to Kangle County, Zhuoni County and Kang County in Gansu Province (referred to as the three counties of Gansu), provided counterpart support to Changting County, Fujian Province. After research, the Company developed the Key Points of Rural Revitalization in 2022, issued the Task List on Targeted Poverty Alleviation and Precise Supporting Efforts in 2022, and held the 2022 rural revitalization work meeting to make detailed plans for the rural revitalization throughout the year. Giving full play to the Company's advantage of “whole industrial chain” in the construction industry, the Company focused on the “five aspects” of revitalization in terms of industry, talents, culture, ecology and organizational structures, with a view to promote the consolidation and expansion of poverty alleviation achievements in targeted areas and effective alignment with rural revitalization.

(II) Summary of rural revitalization

In the first half of 2022, over 150 officials of the Company at all levels were sent to conduct investigations in the targeted areas, and 20 on-site meetings were held to discuss with the local CPC committees and governments on the plan for rural revitalization. Eight temporary cadres and the first secretary in the village were selected to provide local assistance in three counties in Gansu and Changting County. The Company invested and raised RMB44.67 million to the three counties in Gansu and Changting County, implemented 40 assistance projects, trained 2,717 grass-roots cadres and technicians, recruited and transferred 542 people for employment, and purchased and sold agricultural products worth RMB13.22 million.

The Company gave full play to its professional advantages in planning and design, investment and construction, and commercial operation to help rural revitalization in an all-round way. First, the Company improved resource utilization to help cultivate feature industries. The Company implemented Kangle County Tourism Channel First-Class Station Infrastructure Project, Zhuoni Hugaichuan Tourism Benchmark Village and other projects; helped formulate the Zhuoni tourism development plan, the Dayugou scenic spot plan and the 5A scenic spot creation plan. Second, the Company adhered to the people-oriented principle and supported the diversified development of talents. The Company organized training courses for senior skilled personnel and special courses for middle-level management personnel in the construction industry. It also strengthened the training of professional and technical personnel, and held special training courses on the food industry, hotel service industry, business services, and e-commerce management. Third, the Company improved the appearance of the village and helped the construction of a civilized township. The Company built 20 villages in Kangle County as demonstration sites for civilized practice in the new era; assisted in the long-term development of relocation, and implemented the “new countryside” style upgrading and renovation project in Weijia Village. Fourth, the Company placed ecology first and helped the construction of a beautiful countryside. The Company invested in the construction of a drinking water project and a mountain spring water production base in Yangba Town, Kangxian County. After completion, these projects will solve the problem of drinking water for the masses and effectively promote the employment of the surrounding masses. Fifth, the Company strengthened joint construction to help promote organizational revitalization. It has carried out paired assistance with 19 villages in three counties of Gansu, implemented the comprehensive service infrastructure improvement and reconstruction project of Nanshan Village, boosted the collective economy of the village, and helped the local people to increase their income and improve their lives. Sixth, the Company expanded multi-dimensional channels and continued to deepen consumer support. Relying on the advantages of the Company's e-commerce platforms of hn.yzw.cn (云筑惠农) and haihuiyouxuan.uneefp.com (海惠优选), the Company has improved the online and offline sales system, opened online stores for 85 companies (cooperatives), and launched more than 1,280 categories of products; it also helped Kangle mushrooms to open up the Beijing market, organized the “Consumption Support New Year Action” and other activities, and promoted the sales of feature agricultural products.

(III) Subsequent plan for assisting in rural revitalization

In the second half of the year, the Company will continue to implement the deployment and arrangements of the rural revitalization work meeting and requirements of annual work priorities, and promote poverty alleviation projects. It will complete the training of grassroots cadres and technicians in the three counties of Gansu, pay close attention to the construction of Kang County Poverty Alleviation through Tourism Development Demonstration Zone Phase IV and other projects, and continue to carry out labor transfer to provide more stable employment opportunities. It will pay attention to families in difficulty and left-behind children, and continue to organize poverty alleviation activities through education such as Summer Camps, CSCEC Happy Courses Program and learning and teaching resources donation, to enhance local education. It will make greater efforts to contribute to the sales through procurement and complete the task of contributing to the sales through procurement of agricultural specialty products of RMB48 million, and promote creation of pilot rural revitalization site. It has formulated and issued the counterpart support work plan on green building materials industrial park in Changting County to support industrial park construction and investment introduction, and will hold green construction forums together with Changting County. The Company officials will complete the survey on the three counties in Gansu and Changting County.

SECTION VI IMPORTANT MATTERS

I. Fulfillment of Commitments

- (I) Commitments of the Company's de facto controller, shareholders, related parties, acquirer, the Company, and other related parties made during or subsisting in the Reporting Period

√ Applicable □ N/A

Background of commitment	Type of commitment	Commitment party	Details of commitment	Time and term of commitment	Is there a time limit for performance	Have the commitments been strictly and timely fulfilled	Detailed cause in case of failure to timely fulfill commitment	Alternative plan in case of failure to timely fulfill commitment
	To resolve horizontal competition	China State Construction	The Agreement on Avoidance of Horizontal Competition with the Company was signed. Please refer to relevant contents of the Letter of Content in Relation to the Initial Public Offering of Shares by China State Construction Engineering Corporation Limited published by the Company on July 13, 2009.	No term	No	Yes	In the process of performance	N/A
Commitments in relation to initial public offering	To resolve defects in land and other property ownership	China State Construction	For the land use rights and properties injected as contributions into the Company and included in the scope of assets valuation report, at request of and with the cooperation from the Company, relevant procedures for registration of the said land use rights and properties under the existing name of the Company or its relevant subsidiaries shall be completed.	No term	No	Yes	In the process of performance	N/A
	To resolve defects in land and other property ownership	China State Construction	For the real estate projects injected as contributions into the Company, whose revenue had been recognized before the establishment of the Company, the land value-added tax payable in future final settlement shall be borne by China State Construction.	No term	No	Yes	In the process of performance	N/A
	To resolve horizontal competition	CSCEC	Issued a non-competition commitment, with the same contents as those set out in the Entrusted Management Agreement, to China Overseas Land & Investment, a holding subsidiary listed in Hong Kong. Please refer to relevant content of Announcement on the Signing of Entrusted Management Agreement between CSCEC and Its Holding Subsidiary China Overseas Land & Investment published by the Company on February 11, 2014.	During the commitment term	Yes	Yes	In the process of performance	N/A
Other commitments made to minority shareholders of the Company	To resolve horizontal competition	CSCEC	Issued a non-competition deed to China Overseas Property, a holding subsidiary listed in Hong Kong, and please refer to relevant content of the Listing Documents – Listing by Way of Introduction of the Entire Issued Share Capital of the Company on the Main Board of The Stock Exchange of Hong Kong Limited published by China Overseas Property on October 14, 2015.	During the commitment term	Yes	Yes	In the process of performance	N/A
	Others	Officers who also hold positions in China State Construction	Undertook to fulfill his/her duties diligently during his/her term of office as an officer of the Company, properly handle the relationship between the Company and its controlling shareholder, live up to the trust of the Board of Directors and all shareholders of the Company, defend the interests of the Company and shareholders, and not to do anything that may jeopardize the interests of the Company and its minority shareholders due to serving the two entities concurrently.	During the commitment term	Yes	Yes	In the process of performance	N/A

II. Any Non-operating Misappropriation of Funds by the Controlling Shareholder and Other Related Parties during the Reporting Period

Applicable N/A

III. Guarantees in Violation of Regulations

Applicable N/A

IV. Audit of the Interim Report

Applicable N/A

V. Changes and Handling of Matters Involved in Modified Audit Opinions in the Previous Year's Annual Report

Applicable N/A

VI. Matters Related to Insolvency/Reorganization

Applicable N/A

VII. Matters Related to Significant Litigation and Arbitration

There were significant litigations and arbitrations during the Reporting Period

There was no significant litigation or arbitration during the Reporting Period

VIII. Suspected Violations, Penalties and Rectifications of the Company and Its Directors, Supervisors, Officers, Controlling Shareholder, and De Facto Controller

Applicable N/A

IX. Explanation on the Integrity of the Company and Its Controlling Shareholder and De Facto Controller during the Reporting Period

Applicable N/A

X. Material Related Party Transactions

(I) Related party transactions relating to ordinary course of business

1. Matters disclosed in provisional announcements without further progress or changes in subsequent implementation

√ Applicable N/A

Summary of matters	Index for details
<p>On November 26, 2021 and December 15, 2021, the Proposal on the Renewal of the Comprehensive Services Framework Agreement between China State Construction Engineering Corporation Limited and China State Construction Engineering Corporation was considered and approved at the 8th meeting of the third session of the Board of Directors, the 6th meeting of the third session of the Board of Supervisors and 2021 third extraordinary general meeting of the Company.</p> <p>The Company and China State Construction renewed the Comprehensive Services Framework Agreement between China State Construction Engineering Corporation and China State Construction Engineering Corporation Limited in respect of the related party transactions arising from the sales, procurement, commercial factoring services, financial leasing services, property leasing and other business between the Company, and China State Construction and its subsidiaries. During the term of the agreement in 2022, the sales between the Company and China State Construction and its subsidiaries shall not exceed RMB1.5 billion; procurement shall not exceed RMB8.5 billion; the maximum balance of commercial factoring services (excluding those from CSC Finance) shall not exceed RMB100 million, and factoring interest and service fee shall not exceed RMB5 million; the maximum balance of financial leasing services (excluding those from CSC Finance) shall not exceed RMB50 million, and financial leasing interest and service fee shall not exceed RMB2 million; property leasing shall not exceed RMB60 million; other daily related party transactions shall not exceed RMB200 million.</p> <p>During the Reporting Period, the sales between the Company and China State Construction and its subsidiaries was RMB100 million; the procurement was RMB1.9 billion; no commercial factoring and financial leasing service was performed; the property leasing was RMB5 million; other daily related party transactions were RMB9 million. The amount of actual daily related party transactions of the Company was within the agreement.</p>	<p>Announcement on the Resolutions of the 8th Meeting of the Third Session of the Board of Directors, Announcement on the Resolutions of the 6th Meeting of the Third Session of the Board of Supervisors, and Announcement on the Renewal of the Comprehensive Services Framework Agreement between the Company and China State Construction Engineering Corporation and Daily Related Party Transactions published on November 27, 2021.</p> <p>Announcement on the Resolutions of the 2021 Third Extraordinary General Meeting published on December 16, 2021.</p>
<p>On November 26, 2021 and December 15, 2021, the Proposal on the Renewal of the Financial Services Framework Agreement between China State Construction Finance Co., Ltd. and China State Construction Engineering Corporation was considered and approved at the 8th meeting of the third session of the Board of Directors, the 6th meeting of the third session of the Board of Supervisors and 2021 third extraordinary general meeting of the Company.</p> <p>CSC Finance, a subsidiary of the Company, and China State Construction renewed the Financial Services Framework Agreement between China State Construction Engineering Corporation and China State Construction Finance Co., Ltd. in respect of the related party transactions arising from the deposits, loans, financial and financing consultancy and other relevant financial services provided to China State Construction and its subsidiaries from CSC Finance. During the term of the agreement, the daily balance cap of the deposits (inclusive of accrued interest) to be placed by China State Construction and its subsidiaries with CSC Finance shall not exceed RMB20.0 billion, with the daily balance of loans (inclusive of accrued interest) to be obtained not exceeding the daily balance cap of the deposits (inclusive of accrued interest); the fees to be charged by CSC Finance for providing other financial services to China State Construction and its subsidiaries shall not exceed RMB300 million.</p> <p>During the Reporting Period, the actual performance complies with the agreement, and actual daily balance cap of the deposits placed by China State Construction and its subsidiaries with CSC Finance was RMB9.2 billion (inclusive of accrued interest), and the maximum daily loan balance was RMB4.82 billion (inclusive of accrued interest); the fees charged by CSC Finance for providing other financial services to China State Construction and its subsidiaries was RMB2.221 million. For details, please refer to "(V) Financial business between the Company and the related financial companies, and between the Company's holding financial companies and the related parties" in "X. Material Related Party Transactions" under Section VI.</p>	<p>Announcement on the Resolutions of the 8th Meeting of the Third Session of the Board of Directors, Announcement on the Resolutions of the 6th Meeting of the Third Session of the Board of Supervisors, and Announcement on the Renewal of the Financial Services Framework Agreement between China State Construction Finance Co., Ltd. and China State Construction Engineering Corporation and Daily Related Party Transactions published on November 27, 2021.</p> <p>Announcement on the Resolutions of the 2021 Third Extraordinary General Meeting published on December 16, 2021.</p>

2. Matters disclosed in provisional announcements but with further progress or changes in subsequent implementation

Applicable N/A

3. Matters not disclosed in provisional announcements

Applicable N/A

(II) Related party transactions as a result of acquisition or disposal of assets or equity

1. Matters disclosed in provisional announcements without further progress or changes in subsequent implementation

Applicable N/A

2. Matters disclosed in provisional announcements but with further progress or changes in subsequent implementation

Applicable N/A

3. Matters not disclosed in provisional announcements

Applicable N/A

4. Disclosure of performance achieved for the Reporting Period if with agreed-upon performance targets

Applicable N/A

(III) Material related party transactions in joint external investment

1. Matters disclosed in provisional announcements without further progress or changes in subsequent implementation

Applicable N/A

2. Matters disclosed in provisional announcements but with further progress or changes in subsequent implementation

Applicable N/A

3. Matters not disclosed in provisional announcements

Applicable N/A

(IV) Creditor's rights and debts with related parties

1. Matters disclosed in provisional announcements without further progress or changes in subsequent implementation

Applicable N/A

2. Matters disclosed in provisional announcements but with further progress or changes in subsequent implementation

Applicable N/A

3. Matters not disclosed in provisional announcements

Applicable N/A

(V) Financial business between the Company and the related financial companies, and between the Company's holding financial companies and the related parties

√ Applicable N/A

1. Deposit

√ Applicable N/A

Unit: '000 yuan Currency: RMB

Related party	Related relationship	Maximum daily deposit limit (inclusive of accrued interest)	Deposit interest rate range (%)	Opening balance	Amount incurred during the Reporting Period		
					Total deposits in the current period	Total withdrawals in the current period	Closing balance
China State Construction and its subsidiaries	Controlling shareholder and its directly or indirectly controlled entities	20,000,000	0.455-1.755	3,222,865	10,417,485	4,440,240	9,200,110
Total	/	/	/	3,222,865	10,417,485	4,440,240	9,200,110

2. Loan

√ Applicable N/A

Unit: '000 yuan Currency: RMB

Related party	Related relationship	Loan amount	Loan interest rate range (%)	Amount incurred during the Reporting Period			
				Opening balance	Total loans in the current period	Total repayments in the current period	Closing balance
China State Construction and its subsidiaries	Controlling shareholder and its directly or indirectly controlled entities	Not exceeding the maximum daily deposit limit (inclusive of accrued interest)	3.2-3.7	4,796,000	0	96,000	4,700,000
Total	/	/	/	4,796,000	0	96,000	4,700,000

3. Credit facility or other financial business

√ Applicable N/A

Unit: '000 yuan Currency: RMB

Related party	Related relationship	Business type	Total amount	Actual amount
China State Construction and its subsidiaries	Controlling shareholder and its directly or indirectly controlled entities	Other financial business	300,000	2,221

4. Other explanation

√ Applicable N/A

The above related party transactions of the Company have been considered and approved at the 8th meeting of the third session of the Board of Directors, the 6th meeting of the third session of the Board of Supervisors and the 2021 third extraordinary general meeting. For details, please refer to "(I) Related party transactions relating to ordinary course of business" in "X. Material Related Party Transactions" under Section VI.

(VI) Other material related party transactions

 Applicable N/A

(VII) Miscellaneous

✓ Applicable □ N/A

For related party transactions of the Company, please refer to Note X "Related party relationships and transactions" to the financial statements under Section X "FINANCIAL REPORT".

XI. Material Contracts and Their Fulfillment

(I) Custody, contracting, and leasing

□ Applicable ✓ N/A

(II) Material guarantees fulfilled and unfulfilled during the Reporting Period

✓ Applicable □ N/A

Unit: '000 yuan Currency: RMB

Guarantees provided to external parties by the Company (excluding guarantees provided to subsidiaries)															
Guarantor	Relationship between guarantor and the Company	Guaranteed party	Guaranteed amount	Creation date of guarantee (execution date of agreement)	Commencement date of guarantee	Expiry date of guarantee	Type of guarantee	Principal debt	Collateral (if any)	Has the guarantee been fulfilled?	Is the guarantee overdue?	Overdue amount	Is there counter guarantee?	Is the guarantee provided to the related party?	Related relationship
China State Construction Engineering Corporation Limited	Within the Company	Wuhan Communications Investment Group Limited Company	3,500,000	December 24, 2014	April 21, 2015	May 23, 2027	Joint and several liability guarantee	Normal	Nil	No	No	0	Yes	No	N/A
China Overseas Holdings Limited	Holding subsidiary	Chongqing Jiay Property Development Company Limited (重庆嘉益房地产开发有限公司)	126,300	November 20, 2020	November 20, 2020	November 20, 2025	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Chongqing Jiay Property Development Company Limited	350,000	March 15, 2022	March 15, 2022	March 15, 2027	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Xiamen Haimao Real Estate Co., Ltd. (厦门市海寰地产有限公司)	28,630	December 14, 2021	December 14, 2021	December 13, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Xiamen Haimao Real Estate Co., Ltd.	58,676	December 14, 2021	January 24, 2022	December 13, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Xiamen Haimao Real Estate Co., Ltd.	13,936	December 17, 2021	December 17, 2021	December 16, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Xiamen Haimao Real Estate Co., Ltd.	48,161	December 17, 2021	January 21, 2022	December 16, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Xiamen Haimao Real Estate Co., Ltd.	9,704	December 20, 2021	December 20, 2021	December 20, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Xiamen Haimao Real Estate Co., Ltd.	53,794	December 20, 2021	January 7, 2022	December 20, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Qingdao Haijie Real Estate Co., Ltd. (青岛海捷置业有限公司)	63,343	June 7, 2021	June 7, 2021	June 7, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Qingdao Haijie Real Estate Co., Ltd.	76,330	June 7, 2021	January 13, 2022	June 7, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture

Unit: '000 yuan Currency: RMB

Guarantees provided to external parties by the Company (excluding guarantees provided to subsidiaries)															
Guarantor	Relationship between guarantor and the Company	Guaranteed party	Guaranteed amount	Creation date of guarantee (execution date of agreement)	Commencement date of guarantee	Expiry date of guarantee	Type of guarantee	Principal debt	Collateral (if any)	Has the guarantee been fulfilled?	Is the guarantee overdue?	Overdue amount	Is there counter guarantee?	Is the guarantee provided to the related party?	Related relationship
China Overseas Holdings Limited	Holding subsidiary	Guangzhou Bizhen Real Estate Development Company Limited (广州碧臻房地产开发有限公司)	101,417	December 11, 2018	December 11, 2018	December 8, 2023	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Associate
China Overseas Holdings Limited	Holding subsidiary	Zhuzhou China Overseas Grand Oceans Properties Co., Ltd. (株洲中海宏洋地产有限公司)	360,000	March 31, 2022	March 31, 2022	September 28, 2027	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Associate
China Overseas Holdings Limited	Holding subsidiary	Changsha Yida Wisdom Created Industry Development Co., Ltd. (长沙亿达智慧置业发展有限公司)	191,590	April 20, 2020	April 20, 2020	April 20, 2026	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Infinite Sun Limited	1,118,148	December 4, 2019	December 4, 2019	December 4, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Infinite Sun Limited	59,691	December 4, 2019	January 25, 2022	December 4, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Marble Edge Investments Limited	819,053	June 1, 2020	June 1, 2020	December 1, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Marble Edge Investments Limited	36,916	June 1, 2020	May 12, 2022	December 1, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Dragon Star H.K. Investments Limited	928,534	July 27, 2020	July 27, 2020	January 27, 2025	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Dragon Star H.K. Investments Limited	33,959	July 27, 2020	January 17, 2022	January 27, 2025	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Ultra Keen Holdings Limited	1,745,958	November 11, 2020	November 11, 2020	October 30, 2025	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Ultra Keen Holdings Limited	49,282	November 11, 2020	January 31, 2022	October 30, 2025	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Grand Ample Ltd.	1,110,763	June 22, 2021	June 22, 2021	June 22, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Grand Ample Ltd.	45,782	June 22, 2021	January 10, 2022	June 22, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
China Overseas Holdings Limited	Holding subsidiary	Asia Power Development Limited	1,125,269	May 27, 2022	May 27, 2022	May 27, 2026	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
Shanghai CSCCEC Shentuo Investment Development Co., Ltd. (上海申捷申拓投资有限公司)	Holding subsidiary	Guangzhou Fuchuang Real Estate Development Co., Ltd. (广州复创房地产开发有限公司)	874,650	August 5, 2021	August 5, 2021	December 30, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Associate
Shanghai CSCCEC Shentuo Investment Development Co., Ltd.	Holding subsidiary	Guangzhou Fuchuang Real Estate Development Co., Ltd.	510,000	December 28, 2021	January 7, 2022	January 6, 2030	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Associate
Shanghai China Construction Eighth Division Investment Development Co., Ltd. (上海中建八局投资发展有限公司)	Holding subsidiary	Suzhou Dongliu Yongou Real Estate Co., Ltd. (苏州东流永旭置业有限公司)	44,100	December 19, 2021	December 19, 2021	December 18, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
Shanghai China Construction Eighth Division Investment Development Co., Ltd.	Holding subsidiary	Suzhou Dongliu Yongou Real Estate Co., Ltd.	98,000	December 19, 2021	January 17, 2022	December 18, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Joint venture
Shanghai China Construction Eighth Division Investment Development Co., Ltd.	Holding subsidiary	Suzhou Fuyuan Real Estate Co., Ltd. (苏州元置置业有限公司)	195,500	December 19, 2020	December 19, 2020	May 31, 2024	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Associate
Shanghai China Construction Eighth Division Investment Development Co., Ltd.	Holding subsidiary	Suzhou Fuyuan Real Estate Co., Ltd.	255,000	January 5, 2022	January 7, 2022	January 4, 2028	Joint and several liability guarantee	Normal	Nil	No	No	0	No	Yes	Associate

Unit: '000 yuan Currency: RMB

Guarantor	Relationship between guarantor and the Company	Guarantees provided to external parties by the Company (excluding guarantees provided to subsidiaries)												
		Guaranteed party	Guaranteed amount	Creation date of guarantee (execution date of agreement)	Commencement date of guarantee	Expiry date of guarantee	Type of guarantee	Principal debt	Collateral (if any)	Has the guarantee been fulfilled?	Is the guarantee overdue?	Overdue amount	Is there counter guarantee?	Is the guarantee provided to the related party?
China Construction (South Pacific) Development Co. Pte. Ltd.	Holding subsidiary	Fermvale Lane Pte Ltd.	156,814	June 4, 2020	June 4, 2020	March 3, 2025	Joint and several liability guarantee	Normal	Nil	No	0	No	Yes	Associate
Total amount of guarantees provided during the Reporting Period (excluding guarantees provided to subsidiaries)														
Total balance of guarantees as at the end of the Reporting Period (A) (excluding guarantees provided to subsidiaries)														
Guarantees provided by the Company to subsidiaries														
Total amount of guarantees provided to subsidiaries during the Reporting Period														
Total balance of guarantees provided to subsidiaries as at the end of the Reporting Period (B)														
Total amount of guarantees (A+B)														
Total amount of guarantees as a percentage of the net assets of the Company attributable to the parent company (%)														
Of which:														
Amount of guarantees provided to shareholders, de facto controller and their related parties (C)														
Amount of debt guarantees provided directly or indirectly to guaranteed parties with an asset-liability ratio of over 70% (D)														
Total amount of guarantees exceeding 50% of net assets attributable to the parent company (E)														
Total of the above three classes of guarantees (C+D+E)														
Explanation on contingent joint and several liability for undue guarantees														
Explanation on guarantees														
As at the end of the Reporting Period, the total guarantee of the Company amounted to RMB370.83 billion, including financing guarantee of RMB271.5 billion, operating guarantee of RMB99.33 billion; the balance of the Company's external guarantee (excluding guarantee to holding subsidiaries and mortgaged guarantee to individual property owners) amounted to RMB14.19 billion. The balance of guarantee provided by the Company to purchasers of property in its real estate operations amounted to RMB11.06 billion.														

(III) Other material contracts

√ Applicable □ N/A

1. Major domestic business contracts during the Reporting Period

Unit: 100 million yuan Currency: RMB

No.	Name of contract	Signing party	Value of contract	Type of contract
1	General Contract for Fangcun-Baiyun Airport Intercity Railway Construction Project (芳村至白云机场城际施工总承包项目承包合同)	China Construction Infrastructure Co., Ltd., China State Construction Engineering Corporation Limited, China Construction South China Construction Investment Co., Ltd. (中建华南建设投资有限公司), China Construction First Group Corporation Limited, China Construction Second Engineering Bureau Ltd., China Construction Third Engineering Bureau Group Co., Ltd., China Construction Fourth Engineering Division Corp., Ltd., China Construction Eighth Engineering Division Corp., Ltd., China Construction Industrial & Energy Engineering Group Co., Ltd.	183.52	Infrastructure construction
2	General Contract (EPC) for LONGi New Energy Technology Industrial Park Project in Mengsu Economic Development Zone (蒙苏经济开发区隆基新能源科技产业园项目(EPC模式)工程总承包合同)	China Construction Eighth Engineering Division Corp., Ltd.	97.00	Infrastructure construction
3	Contract for "Internet +" Future Science and Technology City Plot DY01-04 Neighborhood (Excluding Pile Foundation) Works and Weisan Road Municipal Engineering Construction ("互联网+"未来科技城地块DY01-04街坊(不含桩基)工程及纬三路市政工程施工合同)	The Sixth Construction Co., Ltd. of China Construction Fourth Engineering Division Corp. Ltd.	65.27	Housing construction
4	General Contract for the Standard Workshop Construction of Phase II Korean Power Battery Project (韩国动力电池项目二期标准厂房施工总承包建设工程施工合同)	China Construction Fourth Engineering Division Corp., Ltd.	60.60	Housing construction
5	General Contract for Fengtang Project (Bao'an A308-125) Plots 03-06 & 03-07 (凤塘项目(宝安 A308-125) 03-06 地块、03-07 地块施工总承包工程合同)	China Construction Third Engineering Bureau Group (Shenzhen) Co., Ltd. (中建三局集团(深圳)有限公司)	57.61	Housing construction
6	Engineering, Procurement and Construction (EPC) Contract for Nanshan Intelligent Manufacturing (Honghualing Base) Urban Renewal Project (Phase I) (南山智造(红花岭基地)城市更新项目(一期)设计采购施工总承包(EPC)合同)	The Second Construction Co., Ltd. of China Construction Second Division	57.00	Infrastructure construction
7	General Contract for CBD Urban Renewal "14th Five-Year Plan" Municipal Infrastructure Construction Project in Dali (大理市中心城区城市更新"十四五"市政基础设施建设项目工程总承包合同)	China Construction Infrastructure Co., Ltd., China State Construction Seventh Engineering Division Corp., Ltd., 3rd Construction Co., Ltd. of China Construction 5th Engineering Bureau, CSCEC Electronic Information Technology Co., Ltd., China Southwest Architectural Design and Research Institute Corp., Ltd.	55.39	Infrastructure construction
8	General Contract for Comprehensive Development of the Northern Area of Fu'an City (福安市城区北部片区综合开发项目工程总承包合同)	China Construction First Group Corporation Limited	54.12	Housing construction
9	General Contract for Super High-rise Project in Zhonghai Chengdu Tianfu New District (中海成都天府新区超高层项目总承包工程合同)	China Construction Eighth Engineering Division Corp., Ltd.	53.64	Housing construction
10	General Contract for Construction of Chongqing Rail Transit Line 27 (YCK40+524.3-YCK51+102) (重庆轨道交通 27 号线工程(YCK40+524.3-YCK51+102)施工总承包合同)	China State Construction Engineering Corporation Limited, China Construction First Group Corporation Limited, China Construction Third Engineering Bureau Group Co., Ltd., China Construction Fifth Engineering Division Corp., Ltd., China Construction Eighth Engineering Division Corp., Ltd.	51.91	Infrastructure construction
11	General Contract for LVGEM Baishizhou Jingting Project (绿景白石洲璟庭总承包工程合同)	The First Construction Co., Ltd. of China Construction Third Engineering Bureau	50.55	Housing construction
12	EPC Contract for Yantai International Medical Isotope Innovation Application Base Project (烟台国际医用同位素创新应用基地项目 EPC 工程总承包合同)	China Construction Eighth Engineering Division Corp., Ltd.	46.80	Housing construction
13	General Contract for Urban Renewal of Yangqikeng, Dongcheng, Dongguan, Guangdong (广东省东莞市东城洋纪坑城市更新总承包工程施工合同)	China Construction Fifth Engineering Division Corp., Ltd.	46.36	Housing construction
14	Construction Contract for Lingling-Daoxian Expressway Project (零陵至道县高速公路项目施工承包合同)	China Construction Fifth Engineering Division Corp., Ltd.	45.00	Infrastructure construction
15	General Contract for 4-10 North Plot of Fengtang Project (Bao'an A308-126) (凤塘项目(宝安 A308-126) 4-10 北地块施工总承包工程合同)	The Third Construction Co., Ltd. of China Construction Second Engineering Bureau	45.00	Housing construction
16	General Contract for Plot A of Jinmao Suwan Hexi Complex (Yuzui) Project (金茂苏皖河西综合体(鱼嘴)项目 A 地块总承包工程合同)	China Construction Third Engineering Bureau Group Co., Ltd.	41.61	Housing construction

Unit: 100 million yuan Currency: RMB

No.	Name of contract	Signing party	Value of contract	Type of contract
17	EPC Contract for PPP Project of Tuanjiehu Big Data Intelligent Industrial Park (团结湖大数据智能产业园 PPP 项目 EPC 工程总承包合同)	China Construction Eighth Engineering Division Corp., Ltd.	41.26	Infrastructure construction
18	Construction Contract for Section 1 of Terminal Area Engineering – Airport Engineering – Xiamen New Airport Project (厦门新机场项目 – 机场工程 – 航站区工程 – 施工 – 标段施工合同)	China Construction Eighth Engineering Division Corp., Ltd.	39.02	Infrastructure construction
19	General Contract for Lingang West Island Financial Center Project (临港西岛金融中心项目施工总承包工程合同)	China Construction Second Engineering Bureau Ltd.	37.50	Housing construction
20	Construction Contract for Phase I Project of East Extension Line of Fuzhou Rail Transit Line 2 (福州市轨道交通 2 号线东延线一期工程建设工程施工合同)	China State Construction Engineering Corporation Limited, CSCEC Strait Construction and Development Co., Ltd., China Construction Fourth Engineering Division Corp., Ltd.	37.08	Infrastructure construction
21	EPC Contract for Prefabricated Vegetable Science and Technology Innovation Industrial Park and Food Union Ecological Project (预制菜科创产业园及食联生态项目 EPC 项目总承包合同)	China Construction First Group Corporation Limited	36.13	Infrastructure construction
22	General Contract for Comprehensive Development and Utilization of Underground Space in Shanghe Plaza and Construction of Supporting Infrastructure (上合广场地下空间综合开发利用及配套基础设施建设工程总承包合同)	China State Construction Engineering Corporation Limited, China Construction Qingdao Investment and Construction Co., Ltd. (中建青岛投资有限公司), China Construction Fifth Engineering Division Corp., Ltd., China Construction Seventh Engineering Division Corp., Ltd., China Construction Eighth Engineering Division Corp., Ltd., China Construction Harbour and Channel Engineering Bureau Group Co., Ltd.	35.47	Infrastructure construction
23	Engineering and Construction Contract for Zhuhai Taoist Activity Site Construction Project (珠海市道教活动场所建设工程设计施工总承包合同)	China Construction Third Engineering Bureau Group Co., Ltd.	35.00	Housing construction
24	Construction Contract for Urban Renewal Project of Tianbei West Village, Fucheng Street, Longhua District, Shenzhen (深圳市龙华区福城街道田背西村城市更新项目施工合同)	China Construction First Group South China Construction Co., Ltd. (中建一局集团华南建设有限公司)	33.26	Housing construction
25	Engineering, Procurement and Construction (EPC) Contract of Danianhuawan Cultural Tourism and Rehabilitation Project (Plot A-08-03 on the South Side of Shatang Port) (大拈花湾文化旅游康养项目(沙塘港河南侧地块 A-08-03 地块)设计采购施工总承包 EPC 合同)	China Construction Eighth Engineering Division Corp., Ltd.	32.93	Housing construction
26	Construction Contract for Bid Section WYZQ-4 of Hanchuan East to Yichang North Station on Wuhan-Yichang Section of the Newly-built Shanghai-Chongqing-Chengdu High-Speed Railway (新建沪渝蓉高速铁路武汉至宜昌段汉川东至宜昌北站前工程 WYZQ-4 标段施工承包合同)	China Construction Third Engineering Bureau Group Co., Ltd.	31.64	Infrastructure construction
27	Civil Construction Contract for Nanchong-Chengdu Expressway Expansion Project (LJ6) (南充至成都高速公路扩容工程土建施工合同(LJ6))	China State Construction Engineering Corporation Limited	31.26	Infrastructure construction
28	Contract for Civil Construction of Bid Section 2 of Phase I Project of Qingdao Metro Line 15 (青岛市地铁 15 号线一期工程土建施工二标段合同)	China State Construction Engineering Corporation Limited, China Construction Qingdao Investment and Construction Co., Ltd. (中建青岛投资有限公司), China Construction Second Engineering Bureau Ltd., China Construction Third Engineering Bureau Group Co., Ltd., China Construction Harbour and Channel Engineering Bureau Group Co., Ltd.	30.30	Infrastructure construction
29	General Contract for Plot Z4 in the Core Area of Beijing Central Business District (CBD) (北京商务中心区(CBD)核心区 Z4 地块项目总承包施工合同)	China Construction Third Engineering Bureau Group Co., Ltd.	30.25	Housing construction
30	Jingzhou Libu Yangtze River Highway-Railway Bridge LBTJ-2 Framework Contract (荆州季埠长江公铁大桥 LBTJ-2 框架合同)	China Construction Third Engineering Bureau Group Co., Ltd.	30.25	Infrastructure construction
31	Engineering, Procurement and Construction (EPC) Contract for World Computing – Changsha Smart Valley Project Zone 1 (世界计算+长沙智谷项目第一区设计、采购、施工(EPC)总承包合同)	China Construction Fifth Engineering Division Corp., Ltd.	30.18	Housing construction
32	EPC Contract for Real Estate Development on the East Side of Hongzheng Street, Xihongmen Town, Daxing District, Beijing (北京市大兴区西红门镇宏政街东侧地块房地产开发 EPC 项目工程总承包合同)	China Construction Third Engineering Bureau Group Beijing Co., Ltd. (中建三局集团北京有限公司)	30.13	Housing construction
33	Construction Contract for Shanty Renovation Project in Area 404, Tongchuan District, Dazhou City (达州市通川区 404 片区棚改项目施工合同)	China Construction Fourth Engineering Division Corp., Ltd.	30.00	Housing construction
34	General Contract for Construction of Weng'an Tongluowan Plaza Project (瓮安铜锣湾广场项目施工总承包合同)	China Construction Science & Technology Group Co., Ltd.	30.00	Housing construction

Note: The contracts listed above are mainly sourced from the statistics of the contracts actually entered into by the Company as at the end of the Reporting Period.

2. Major overseas business contracts during the Reporting Period

Unit: 100 million dollars Currency: USD

No.	Name of contract	Signing party	Value of contract	Type of contract
1	Contract for Design and Construction of the Chinese Medicine Hospital and Government Chinese Medicine Testing Institute in Tseung Kwan O (设计及建造将军澳中医院及政府中药检测中心工程合同)	China State Construction Engineering (Hong Kong) Limited	10.38	Housing construction
2	EPC Contract for Construction of the Emergency Hospital and Makeshift Hospital at the Lok Ma Chau Loop (河套应急医院和方舱医院建设项目工程总承包(EPC)合同)	China Construction Science and Industry Corporation Ltd.	5.15	Housing construction
3	Contract for the Replacement Housing Construction of Lot P-Lot A in Novos Aterros da Areia Preta, Macao (澳门黑沙湾新填海区 P 地段 - 地段 A 置换房建造工程合同)	China Construction Engineering (Macao) Company Limited	5.04	Housing construction
4	EPC Contract for Iraqi Nasiriyah International Airport (伊拉克纳西里耶国际机场 EPC 工程总承包合同)	China State Construction Engineering Corporation Limited	3.67	Infrastructure construction
5	Contract for HDB BUKIT BATOK N4 C24&25(BB5)	China Construction (South Pacific) Development Co. Pte. Ltd.	2.20	Housing construction
6	Mongolia "Silk Road" Apartment Complex Project Contract (蒙古国"丝绸之路"公寓群项目合同)	China Construction Mongolia Co., Ltd. (中建股份蒙古国有限责任公司)	1.98	Housing construction
7	Uganda Mbale Textile Industrial Park Project Contract (乌干达姆巴莱纺织产业园项目合同)	China State Construction Overseas Development Co., Ltd.	1.98	Housing construction
8	Contract on Residential Project in Jeju Island, Republic of Korea (韩国济州岛住宅项目合同)	China Construction Sixth Engineering Bureau Corp., Ltd.	1.43	Housing construction
9	Contract for Northumberland Residences	China Construction (South Pacific) Development Co. Pte. Ltd.	1.21	Housing construction
10	Contract for HDB TENGAH PARK C5 (TGP2)	Rich Construction Company Pte Ltd (丰盛建筑有限公司)	1.17	Housing construction
11	Contract for DLN Ramp and Tunnel (Part 1)	Singapore Office of China State Construction Engineering Corporation Limited	1.07	Infrastructure construction
12	General Contract for KIS International School Project (KIS 国际学校项目总承包合同)	China State Construction Engineering (Thailand) Co., Ltd. (中国建筑工程(泰国)有限公司)	1.06	Housing construction

Note: The contracts listed above are mainly sourced from the statistics of the contracts actually entered into by the Company as at the end of the Reporting Period.

3. Newly-signed comprehensive credit facility contracts

Unit: 100 million yuan/dollars Currency: RMB/USD

No.	Name of comprehensive credit facility contract	Credit grantor	Accredited party	Comprehensive credit facility limit	Credit period
1	Comprehensive credit facility contract	Bank of Beijing Co., Ltd. (Zhongguancun Branch)	China State Construction Engineering Corporation Limited	RMB6 billion	May 23, 2022 – May 22, 2024
2	Credit facility agreement guaranteed by group clients	China Export & Credit Insurance Corporation	China State Construction Engineering Corporation Limited	USD0.4 billion	June 8, 2022 – June 7, 2024
3	Credit facility limit contract	Bank of China Limited (Beijing BOC Tower Branch)	China State Construction Engineering Corporation Limited	RMB37 billion	July 21, 2022 – July 10, 2023

4. Newly-signed strategic cooperation and business cooperation agreements

No.	Name of contract	Signing date	Contents of contract
1	Strategic Cooperation Framework Agreement between Xi'an Municipal People's Government and China State Construction Engineering Corporation Limited	February 25, 2022	Based on the overall planning of Xi'an Municipal People's Government, CSCEC's development and the principle of "equality and mutual benefit, complementary advantages, mutual support, long-term cooperation and shared development", the cooperation will mainly cover: urban infrastructure construction; urban renewal and comprehensive development, people's livelihood projects in science, education, culture and health as well as other emerging fields.

XII. Explanation on Other Significant Matters

- (I) Changes in accounting policies, estimates and methods compared with the previous accounting period and the reasons for and implications of such changes
 Applicable N/A
- (II) The retrospective restatements of material accounting error corrections during the Reporting Period and the corrected amounts, reasons for and effects of such restatements
 Applicable N/A
- (III) Miscellaneous
 Applicable N/A

XIII. Index of Information Disclosure

During the Reporting Period, the Company published 74 documents on the website of the Shanghai Stock Exchange (www.sse.com.cn), and related announcements were also published in the China Securities Journal, Shanghai Securities News, Securities Daily, and Securities Times.

No.	Matter	Date of disclosure
1	CSCEC: Briefings on Business from January to December 2021	January 8, 2022
2	CSCEC: Legal Opinions of King & Wood Mallesons on Relevant Matters regarding Second Tranche of Unlocking in 2021 in Respect of Phase III Restricted A Share Incentive Scheme of China State Construction Engineering Corporation Limited	January 12, 2022
3	CSCEC: Announcement on the Second Tranche of Unlocking in 2021 in Respect of Phase III Restricted A Share Incentive Scheme and Listing of Shares	January 12, 2022
4	CSCEC: Announcement on Winning the Bid for the PPP Project of Phase I Construction of Guangxi Guanyang (Hunan-Guangxi boundary) to Tian'e (Xialao) Highway (Jiangyong-Guilin (Guangxi Section))	January 15, 2022
5	CSCEC: Announcement on Significant Project	January 25, 2022
6	CSCEC: Announcement on Winning the Bid for the PPP Project of Guangxi Congjiang-Rong'an-Lipu Highway (Rong'an passing through Yongfu to Yangshuo section)	February 7, 2022
7	CSCEC: Announcement on Winning the Bid for the PPP Project of Guangxi Longsheng-Dongzhong Port Highway (Shanglin to Nanning Section)	February 7, 2022
8	CSCEC: Briefings on Business in January 2022	February 19, 2022
9	CSCEC: Announcement on Resolutions of the 13th Meeting of Third Session of Board of Directors	February 26, 2022
10	CSCEC: Independent Opinions of Independent Directors on the Appointment of Zhang Zhaoxiang as the Company's President	February 26, 2022
11	CSCEC: Announcement on Significant Project	February 26, 2022
12	CSCEC: Announcement on Appointment of the Company's President	February 26, 2022
13	CSCEC: Announcement on Resolutions of the 14th Meeting of Third Session of Board of Directors	March 8, 2022
14	CSCEC: Announcement on Changes to Investment in Shanghai Historic Landscape Protection and Urban Renewal Projects	March 8, 2022
15	CSCEC: Regulations on Management of Related Party Transactions (2022 Revised Draft)	March 8, 2022
16	CSCEC: Independent Opinion of Independent Directors on Amending the Regulations on Management of Related Party Transactions of China State Construction Engineering Corporation Limited	March 8, 2022
17	CSCEC: Announcement on Resolutions of the 9th Meeting of Third Session of Board of Supervisors	March 8, 2022
18	CSCEC: Regulations on the Management of Funds to and from Controlling Shareholder and Other Related Parties (Revision in March 2022)	March 8, 2022
19	CSCEC: Independent Opinions of Independent Directors on Amending the Regulations on the Management of Funds to and from Controlling Shareholder and Other Related Parties of China State Construction Engineering Corporation Limited	March 8, 2022
20	CSCEC: Briefings on Business from January to February 2022	March 11, 2022

No.	Matter	Date of disclosure
21	CSCEC: Announcement on Significant Project	March 19, 2022
22	CSCEC: Announcement on Convening 2021 Annual Results Meeting	April 9, 2022
23	CSCEC: Legal Opinions of King & Wood Mallesons on Relevant Matters regarding Repurchase and Cancellation of Part of Restricted Shares under Phases I, II, III and IV Restricted A Share Incentive Scheme of China State Construction Engineering Corporation Limited	April 12, 2022
24	CSCEC: Announcement on Implementation of Repurchase and Cancellation of Part of Restricted Shares under the Equity Incentive Scheme	April 12, 2022
25	CSCEC: Accounting Firm's Special Report on Misappropriation of Funds by Controlling Shareholder and Other Related Parties	April 16, 2022
26	CSCEC: Annual Report 2021	April 16, 2022
27	CSCEC: 2021 Sustainability Report	April 16, 2022
28	CSCEC: 2021 Annual Financial Statements and Audit Report	April 16, 2022
29	CSCEC: Accounting Firm's Audit Report on the Company's Internal Control	April 16, 2022
30	CSCEC: Independent Opinions of Independent Directors on the Concurrent Appointment of Some Officers of the Company as Officers of the Controlling Shareholder	April 16, 2022
31	CSCEC: Independent Opinions of Independent Directors on the Company's Related Party Transactions with China State Construction Finance Co., Ltd. in 2021	April 16, 2022
32	CSCEC: Independent Opinions of Independent Directors on the Company's Provision for Asset Impairment for 2021	April 16, 2022
33	CSCEC: Notice on Convening 2021 Annual General Meeting	April 16, 2022
34	CSCEC: Announcement on Profit Distribution for 2021	April 16, 2022
35	CSCEC: Report on the Performance of Duties of the Audit and Risk Committee of the Board of Directors for 2021	April 16, 2022
36	CSCEC: Report on Sustained Evaluation on Risks of China State Construction Finance Co., Ltd.	April 16, 2022
37	CSCEC: Special Explanation and Independent Opinions of Independent Directors on the Company's External Guarantees for 2021	April 16, 2022
38	CSCEC: Summary of Annual Report 2021	April 16, 2022
39	CSCEC: Specific Explanation on Deposits, Loans and Other Financial Business in Related Party Transactions with CSC Finance	April 16, 2022
40	CSCEC: Announcement on Resolutions of the 15th Meeting of Third Session of Board of Directors	April 16, 2022
41	CSCEC: Announcement on Asset Impairment Provision for 2021	April 16, 2022
42	CSCEC: Independent Opinions of Independent Directors on Proposed Additional External Guarantee Amount of the Company in 2022	April 16, 2022
43	CSCEC: Independent Opinions of Independent Directors on 2021 Internal Control Evaluation Report of the Company	April 16, 2022
44	CSCEC: 2021 Investor Protection Work Report	April 16, 2022
45	CSCEC: Opinions of Independent Directors on Prior Approval of Re-appointment of the Company's Accounting Firm for 2022	April 16, 2022
46	CSCEC: Independent Opinions of Independent Directors on the Company's Profit Distribution Plan for the Three Years from 2021 to 2023	April 16, 2022
47	CSCEC: 2021 Work Report of Independent Directors	April 16, 2022
48	CSCEC: Independent Opinions of Independent Directors on Re-appointment of the Company's Accounting Firm for 2022	April 16, 2022
49	CSCEC: Announcement on Resolutions of the 10th Meeting of Third Session of Board of Supervisors	April 16, 2022
50	CSCEC: Announcement on Proposed Additional External Guarantee Amount in 2022	April 16, 2022
51	CSCEC: Special Explanation and Independent Opinions of Independent Directors on the Company's External Guarantees for 2021	April 16, 2022
52	CSCEC: 2021 Internal Control Evaluation Report	April 16, 2022
53	CSCEC: Independent Opinions of Independent Directors on the 2021 Profit Distribution Plan of the Company	April 16, 2022
54	CSCEC: Profit Distribution Plan for the Three Years from 2021 to 2023	April 16, 2022

No.	Matter	Date of disclosure
55	CSCEC: Announcement on Re-appointment of Accounting Firm for 2022	April 16, 2022
56	CSCEC: Briefings on Business from January to March 2022	April 19, 2022
57	CSCEC: Announcement on Significant Project	April 28, 2022
58	CSCEC: Information on 2021 Annual General Meeting	April 30, 2022
59	CSCEC: Report of Q1 2022	April 30, 2022
60	CSCEC: Announcement on Resolutions of the 11th Meeting of Third Session of Board of Supervisors	April 30, 2022
61	CSCEC: Announcement on Resolutions of the 16th Meeting of Third Session of Board of Directors	April 30, 2022
62	CSCEC: Legal Opinions of King & Wood Mallesons on 2021 Annual General Meeting of China State Construction Engineering Corporation Limited	May 14, 2022
63	CSCEC: Briefings on Business from January to April 2022	May 14, 2022
64	CSCEC: Announcement on Decrease in Registered Capital of the Company after Repurchase and Cancellation of Part of Phases III and IV Restricted Shares and Notice to Creditors	May 14, 2022
65	CSCEC: Regulations on Management of Related Party Transactions (Revision in May 2022)	May 14, 2022
66	CSCEC: Announcement on Resolutions of 2021 Annual General Meeting	May 14, 2022
67	CSCEC: Announcement on Resolutions of the 18th Meeting of Third Session of Board of Directors	May 24, 2022
68	CSCEC: Announcement on Resolutions of the 12th Meeting of Third Session of Board of Supervisors	May 24, 2022
69	CSCEC: Announcement on Significant Project	May 24, 2022
70	CSCEC: Announcement on Subsidiary's Investment in Property Development Projects in Lixia District of Jinan	May 31, 2022
71	CSCEC: Announcement on Subsidiary's Investment in Property Development Projects in Chaoyang District of Beijing	June 2, 2022
72	CSCEC: Briefings on Business from January to May 2022	June 18, 2022
73	CSCEC: Announcement on Implementing Rights and Interests Distribution for 2021	June 23, 2022
74	CSCEC: Announcement on Significant Project	June 24, 2022

SECTION VII CHANGES IN SHARES AND SHAREHOLDERS

I. Changes in Share Capital

(I) Changes in shares

1. Table of changes in shares

As at the end of the Reporting Period, the changes in the Company's share capital structure are as follows:

Unit: Share(s)

	Before the change		Increase/decrease (+/-)				After the change		
	Number	Percentage (%)	Issue of new shares	Bonus issue	Conversion from reserve	Others	Subtotal	Number	Percentage (%)
I. Shares subject to trading moratorium	1,303,585,000	3.11				-198,093,000	-198,093,000	1,105,492,000	2.64
1. State-owned shares									
2. State-owned legal person shares									
3. Other domestic shares	1,303,585,000	3.11				-198,093,000	-198,093,000	1,105,492,000	2.64
Including: Shares held by domestic non-state-owned legal persons									
Shares held by domestic natural persons	1,303,585,000	3.11				-198,093,000	-198,093,000	1,105,492,000	2.64
4. Shares held by foreign entities									
Including: Shares held by overseas legal persons									
Shares held by overseas natural persons									
II. Circulating shares not subject to trading moratorium	40,644,582,844	96.89				190,784,000	190,784,000	40,835,366,844	97.36
1. RMB ordinary shares	40,644,582,844	96.89				190,784,000	190,784,000	40,835,366,844	97.36
2. Domestic listed foreign shares									
3. Overseas listed foreign shares									
4. Others									
III. Total number of shares	41,948,167,844	100.00				-7,309,000	-7,309,000	41,940,858,844	100.00

2. Explanation on changes in shares

Applicable N/A

As at the end of the Reporting Period, there were two changes in the Company's shares, which were caused by the Company's unlocking of restricted shares, repurchase and cancellation of some restricted shares. The details are as follows:

- (1) The Company completed the unlocking of the second tranche of 190,784,000 restricted shares under the Phase III restricted A share incentive scheme, converting circulating shares subject to trading moratorium to circulating shares not subject to trading moratorium. The total share capital of the Company amounted to 41,948,167,844 shares. For details, please refer to the Announcement on the Second Tranche of Unlocking in 2021 in Respect of Phase III Restricted A Share Incentive Scheme and Listing of Shares published on January 12, 2022.
- (2) The Company completed the repurchase from the participants and cancellation of 7,309,000 restricted shares that were not eligible for unlocking. After the completion of the repurchase and cancellation, the registered capital (and share capital) of the Company was decreased by RMB7,309,000 (and 7,309,000 shares) to RMB41,940,858,844 (and 41,940,858,844 shares). For details, please refer to the Announcement on Implementation of Repurchase and Cancellation of Part of Restricted Shares under the Equity Incentive Scheme published on April 12, 2022.

3. The impact, if any, of changes in shares between the end of the Reporting Period and the date of disclosure of the Interim Report on financial indicators such as earnings per share and net asset per share

Applicable N/A

Subsequent to the Reporting Period and up to the date of publication of the interim report, there was a change in the share capital of the Company, which was attributable to the repurchase and cancellation of partial restricted shares. Such change in share capital has no impact on earnings per share, net assets per shares and other financial indicators. The details of the share capital are as follows:

The Company completed the repurchase from the participants and cancellation of 6,426,000 restricted shares that were not eligible for unlocking. After the completion of the repurchase and cancellation, the registered capital (and share capital) of the Company was decreased by RMB6,426,000 (and 6,426,000 shares) to RMB41,934,432,844 (and 41,934,432,844 shares). For details, please refer to the Announcement on Implementation of Repurchase and Cancellation of Part of Restricted Shares under the Equity Incentive Scheme published on July 29, 2022.

4. Other disclosures that the Company deemed necessary or were required by securities regulatory authorities

Applicable N/A

(II) Changes in shares subject to trading moratorium

√ Applicable □ N/A

Unit: Share(s)

Name of shareholder	Number of shares subject to trading moratorium at the beginning of the Reporting Period	Number of Shares released from trading moratorium for the Reporting Period	Number of new shares subject to trading moratorium for the Reporting Period	Number of shares subject to trading moratorium as at the end of the Reporting Period	Reason for the trading moratorium	Date of release from trading moratorium
Participants of restricted share incentive scheme	1,303,585,000	-198,093,000	0	1,105,492,000	During the trading moratorium period	/
Total	1,303,585,000	-198,093,000	0	1,105,492,000	/	/

For details, please refer to “2. Explanation on changes in shares” in “(I) Changes in shares” under “I. Changes in Share Capital” in section VII of this Report.

II. Shareholders

(I) Total number of shareholders:

Total number of ordinary shareholders as at the end of the Reporting Period	449,270
Total number of preference shareholders with voting rights restored as at the end of the Reporting Period	/

(II) Shareholding of top ten shareholders, top ten shareholders of circulating shares (or shares not subject to trading moratorium) as at the end of the Reporting Period

Unit: Share(s)

Shareholding of top 10 shareholders							
Name of shareholder (full name)	Increase/decrease during the Reporting Period	Number of shares held as at the end of the Reporting Period	Percentage (%)	Number of shares held subject to trading moratorium	Pledged or frozen		Nature of shareholder
					Status	Number	
China State Construction Engineering Corporation	0	23,630,695,997	56.34	0	Nil	0	State-owned legal person
Hong Kong Securities Clearing Company Limited	626,957,488	2,086,563,163	4.98	0	Nil	0	Others
China Securities Finance Corporation Limited	0	1,258,300,898	3.00	0	Nil	0	Others
Central Huijin Asset Management Ltd.	0	583,327,120	1.39	0	Nil	0	State-owned legal person
Bank of Communications Co., Ltd. – GF CSI Infrastructure Project Traded Open-end Index ETF Securities Investment Fund	86,330,640	205,356,940	0.49	0	Nil	0	Securities investment fund
National Social Security Fund Portfolio 413	34,070,516	167,632,336	0.40	0	Nil	0	Others
Industrial & Commercial Bank of China – SSE Index 50 Trading Open-end Index Securities Investment Fund	-33,448,700	143,654,303	0.34	0	Nil	0	Securities investment fund
Bank of Ningbo Co., Ltd. – Zhongtai Xingyuan Value Selected Flexible Allocation Mixed Securities Investment Fund	85,604,291	113,343,830	0.27	0	Nil	0	Securities investment fund
Bank of Communications Co., Ltd. – E Fund 50 SSE Index Enhanced Securities Investment Fund	-27,000,000	110,642,126	0.26	0	Nil	0	Securities investment fund
GIC PRIVATE LIMITED	-64,852,051	104,565,948	0.25	0	Nil	0	Overseas legal person

Shareholdings of the top 10 holders of circulating shares not subject to trading moratorium			
Name of shareholder	Number of circulating shares not subject to trading moratorium	Class and number of shares	
		Class	Number
China State Construction Engineering Corporation	23,630,695,997	RMB ordinary shares	23,630,695,997
Hong Kong Securities Clearing Company Limited	2,086,563,163	RMB ordinary shares	2,086,563,163
China Securities Finance Corporation Limited	1,258,300,898	RMB ordinary shares	1,258,300,898
Central Huijin Asset Management Ltd.	583,327,120	RMB ordinary shares	583,327,120
Bank of Communications Co., Ltd. – GF CSI Infrastructure Project Traded Open-end Index ETF Securities Investment Fund	205,356,940	RMB ordinary shares	205,356,940
National Social Security Fund Portfolio 413	167,632,336	RMB ordinary shares	167,632,336
Industrial & Commercial Bank of China – SSE Index 50 Trading Open-end Index Securities Investment Fund	143,654,303	RMB ordinary shares	143,654,303
Bank of Ningbo Co., Ltd. – Zhongtai Xingyuan Value Selected Flexible Allocation Mixed Securities Investment Fund	113,343,830	RMB ordinary shares	113,343,830
Bank of Communications Co., Ltd. – E Fund 50 SSE Index Enhanced Securities Investment Fund	110,642,126	RMB ordinary shares	110,642,126
GIC PRIVATE LIMITED	104,565,948	RMB ordinary shares	104,565,948
Descriptions on special repurchase accounts among top 10 shareholders	N/A		
Descriptions on entrusted voting rights, being entrusted voting rights or waiving voting rights of the above shareholders	N/A		
Descriptions on the related relationship or acts in concert of the above shareholders	There is no related relationship or action in concert between China State Construction Engineering Corporation, the largest shareholder of the Company, and any other shareholders mentioned above. The Company is not aware of any related relationship among the above shareholders, or whether they are parties acting in concert.		
Descriptions on the preference shareholders with voting rights restored and number of shares held	N/A		

Number of shares held by top 10 holders of shares subject to trading moratorium and trading conditions

Applicable N/A

Please refer to the relevant content of “(II) Changes in shares subject to trading moratorium” under “I. Changes in Share Capital” in section VII of this Report.

(III) Strategic investors or general legal persons becoming the top 10 shareholders as a result of new share placement

Applicable N/A

III. Directors, Supervisors and Officers

(I) Changes in shareholdings of incumbent and resigned directors, supervisors and officers during the Reporting Period

Applicable N/A

Changes in shareholdings of incumbent directors, supervisors and officers

Unit: 0,000 shares

Name	Position	Number of shares held at the beginning of the Reporting Period	Number of shares held at the end of the Reporting Period	Changes in shares during the Reporting Period	Reason for changes
Zheng Xuexuan	Chairman	50.4	50.4	0	/
Zhang Zhaoxiang	Director	0	0	0	/
	President				
Xu Wenrong	Independent director	0	0	0	/
Jia Chen	Independent director	0	0	0	/
Sun Chengming	Independent director	0	0	0	/
Li Ping	Independent director	0	0	0	/
Shi Zhiping	Chairman of the Board of Supervisors	23.8	23.8	0	/
Li Jianbo	Supervisor	44.8	44.8	0	/
Tian Shifang	Supervisor	15.4	15.4	0	/
Lv Xiaogang	Employee representative supervisor	16.7	16.7	0	/
Qu Hongguang	Employee representative supervisor	0	0	0	/
Wang Yunlin	Vice president	0	0	0	/
	Chief financial officer				
Zhao Xiaojiang	Vice president	0	0	0	/
Ma Zeping	Vice president	50.4	50.4	0	/
Zhou Yong	Vice president	83.7	83.7	0	/
Shan Guangxiu	Vice president	122.046	122.046	0	/
Huang Kesi	Vice president	134.716	134.716	0	/
Xue Keqing	Secretary to the Board of Directors	201.9	201.9	0	/

Other explanation

Applicable N/A

(II) Stock options granted to directors, supervisors and officers during the Reporting Period

√ Applicable □ N/A

Unit: 0,000 shares

Name	Position	Number of restricted shares held at the beginning of the Reporting Period	Number of newly granted restricted shares during the Reporting Period	Unlocked shares	Locked shares	Number of restricted shares held at the end of the Reporting Period
Zheng Xuexuan	Chairman	0	0	0	0	0
Zhang Zhaoxiang	Director	0	0	0	0	0
	President					
Xu Wenrong	Independent director	0	0	0	0	0
Jia Chen	Independent director	0	0	0	0	0
Sun Chengming	Independent director	0	0	0	0	0
Li Ping	Independent director	0	0	0	0	0
Shi Zhiping	Chairman of the Board of Supervisors	0	0	0	0	0
Li Jianbo	Supervisor	0	0	0	0	0
Tian Shifang	Supervisor	0	0	0	0	0
Lv Xiaogang	Employee representative supervisor	0	0	0	0	0
Qu Hongguang	Employee representative supervisor	0	0	0	0	0
Wang Yunlin	Vice president	0	0	0	0	0
	Chief financial officer					
Zhao Xiaojiang	Vice president	0	0	0	0	0
Ma Zeping	Vice president	0	0	0	0	0
Zhou Yong	Vice president	32	0	16	16	16
Huang Kesi	Vice president	32	0	16	16	16
Shan Guangxiu	Vice president	32	0	16	16	16
Xue Keqing	Secretary to the Board of Directors	104	0	16	88	88
Total	/	200	0	64	136	136

(III) Other explanation

□ Applicable √ N/A

IV. Changes in Controlling Shareholders or De Facto Controller

□ Applicable √ N/A

SECTION VIII INFORMATION RELATED TO PREFERENCE SHARES

Applicable N/A

SECTION IX INFORMATION ON BONDS

I. Enterprise Bonds, Corporate Bonds and Non-financial Enterprise Debt Financing Instruments

Applicable N/A

(I) Enterprise bonds

Applicable N/A

(II) Corporate bonds

Applicable N/A

1. Basic information of corporate bonds

The Company's countermeasures to the risks of termination of listing and trading of bonds

Applicable N/A

Outstanding bonds overdue

Applicable N/A

Explanation on debts overdue

Applicable N/A

2. The triggering and implementation of the issuer's or investor's option articles and investor protection articles

Applicable N/A

3. Adjustment of credit rating results

Applicable N/A

Other explanation

Nil

4. The implementation and changes of guarantees, debt repayment plans and other debt repayment protection measures during the Reporting Period and their impact

Applicable N/A

Other explanation

Nil

5. Explanation of other information of corporate bonds

√ Applicable □ N/A

The issuance of subsisting corporate bonds by subsidiaries as at the date of this Report is as follows:

Issuance of Subsisting Corporate Bonds by Subsidiaries

Unit: '000 yuan Currency: RMB

No.	Name of bond	Abbreviation	Date of issuance	Interest commencement date	Maturity date	Issue size/ current size	Interest rate (%)	Principal repayment and interest payment
1	3.95% USD guaranteed notes due in 2022 of China Overseas Land & Investment Ltd.	CHINA OYS N2211	November 15, 2012	November 15, 2012	November 15, 2022	4,697,980.00	3.95	Normal
2	5.35% USD guaranteed notes due in 2042 of China Overseas Land & Investment Ltd.	CHINA OYS N4211	November 15, 2012	November 15, 2012	November 15, 2042	2,013,420.00	5.35	Normal
3	5.375% USD guaranteed notes due in 2023 of China Overseas Land & Investment Ltd.	CHINA OYS N2310	October 29, 2013	October 29, 2013	October 29, 2023	3,355,700.00	5.375	Normal
4	6.375% USD guaranteed notes due in 2043 of China Overseas Land & Investment Ltd.	CHINA OYS N4310	October 29, 2013	October 29, 2013	October 29, 2043	3,355,700.00	6.375	Normal
5	5.95% USD guaranteed notes due in 2024 of China Overseas Land & Investment Ltd.	CHINA OYS N2405	May 8, 2014	May 8, 2014	May 8, 2024	4,697,980.00	5.95	Normal
6	6.45% USD guaranteed notes due in 2034 of China Overseas Land & Investment Ltd.	CHINA OYS N3406	June 11, 2014	June 11, 2014	June 11, 2034	3,355,700.00	6.45	Normal
7	0% convertible bonds due in 2023 of China Overseas Holdings Limited	CHINA OYS B2301	January 5, 2016	/	January 5, 2023	4,009,390.36	/	Normal
8	2016 corporate bonds (Tranche 1) of China Overseas Property Group Co., Ltd. publicly issued	16 China Overseas 01	August 22, 2016	August 23, 2016	August 23, 2026	1,900,000.00	3.6	Normal
9	3.5% USD guaranteed notes due in 2027 of China State Construction Engineering Corporation Limited	CSCEC II N2707	July 5, 2017	July 5, 2017	July 5, 2027	3,355,700.00	3.5	Normal
10	3.375% USD guaranteed notes due in 2022 of China State Construction International Holdings Limited	CSCFIN II N2211	November 29, 2017	November 29, 2017	November 29, 2022	3,691,270.00	3.375	Normal
11	3.875% USD guaranteed notes due in 2027 of China State Construction International Holdings Limited	CSCFIN II N2711	November 29, 2017	November 29, 2017	November 29, 2027	1,677,850.00	3.875	Normal
12	2018 renewable corporate bonds of China Construction Sixth Engineering Bureau Corp., Ltd. publicly issued	18 China Construction Y1	February 6, 2018	February 7, 2018	February 7, 2023	1,000,000.00	6.55	Normal
13	4.25% USD guaranteed notes due in 2023 of China Overseas Land & Investment Ltd.	CHINA OYS N2304	April 26, 2018	April 26, 2018	April 26, 2023	5,039,550.00	4.25	Normal
14	4.75% USD guaranteed notes due in 2028 of China Overseas Land & Investment Ltd.	CHINA OYS N2804	April 26, 2018	April 26, 2018	April 26, 2028	5,039,550.00	4.75	Normal
15	2019 corporate bonds (Tranche 1) (Variety 2) of China Overseas Property Group Co., Ltd. publicly issued to qualified investors	19 China Overseas 02	January 23, 2019	January 24, 2019	January 24, 2026	1,500,000.00	3.75	Normal

No.	Name of bond	Abbreviation	Date of issuance	Interest commencement date	Maturity date	Issue size/ current size	Interest rate (%)	Principal repayment and interest payment
16	3.45% USD medium-term notes due in 2025 of China Overseas Land & Investment Ltd.	CHINA.OVS.NE907	July 15, 2019	July 15, 2019	July 15, 2029	3,020,130.00	3.45	Normal
17	2.9% HKD medium-term notes due in 2025 of China Overseas Land & Investment Ltd.	CHINA.OVS.NE501	July 15, 2019	July 15, 2019	January 15, 2025	1,710,380.00	2.9	Normal
18	3.05% USD medium-term notes due in 2025 of China Overseas Land & Investment Ltd.	CHINA.OVS.NE911	November 27, 2019	November 27, 2019	November 27, 2029	1,973,151.60	3.05	Normal
19	4% perpetual bonds of China State Construction International Holdings Limited	CSCFIN III SGPS	December 3, 2019	December 3, 2019	December 3, 2024	3,355,700.00	4	Normal
20	2.375% USD medium-term notes due in 2025 of China Overseas Land & Investment Ltd.	CHINA.OVS.NE503	March 2, 2020	March 2, 2020	March 2, 2025	2,013,420.00	2.375	Normal
21	2.75% USD medium-term notes due in 2020 of China Overseas Land & Investment Ltd.	CHINA.OVS.NE003	March 2, 2020	March 2, 2020	March 2, 2030	3,355,700.00	2.75	Normal
22	3.125% USD medium-term notes due in 2035 of China Overseas Land & Investment Ltd.	CHINA.OVS.NE503	March 2, 2020	March 2, 2020	March 2, 2035	1,342,280.00	3.125	Normal
23	2020 renewable corporate bonds (Tranche 1) (Variety 1) of China Construction Second Engineering Bureau Ltd, publicly issued to professional investors	20 China Construction G2 Y1	June 24, 2020	June 30, 2020	June 30, 2023	1,500,000.00	3.74	Normal
24	2020 panda corporate bonds (Tranche 1) of China State Construction International Holdings Limited	20 CSCFIN G1	July 28, 2020	July 29, 2020	July 29, 2023	2,000,000.00	3.48	Normal
25	2020 housing rental special corporate bonds (Tranche 1) (Variety 1) of China Overseas Development Group Co., Ltd, publicly issued to professional investors	20 China Overseas 01	August 13, 2020	August 14, 2020	August 14, 2026	2,000,000.00	3.2	Normal
26	2020 renewable corporate bonds (Tranche 1) of China Construction First Group Corporation Limited publicly issued	20 China Construction G1 Y1	September 4, 2020	September 7, 2020	September 7, 2023	1,500,000.00	4.3	Normal
27	2020 renewable corporate bonds (Tranche 2) of China Construction First Group Corporation Limited publicly issued	20 China Construction G1 Y2	September 23, 2020	September 24, 2020	September 24, 2023	1,500,000.00	4.4	Normal
28	2020 renewable corporate bonds (Tranche 1) of China Construction Science and Industry Corporation Ltd, publicly issued	20 CCSI Y1	October 26, 2020	October 27, 2020	October 26, 2023	900,000.00	5.6	Normal
29	2020 corporate bonds (Tranche 1) (Variety 1) of China Overseas Development Group Co., Ltd, publicly issued to professional investors	20 China Overseas 03	November 6, 2020	November 9, 2020	November 9, 2023	2,400,000.00	3.4	Normal
30	2020 renewable corporate bonds (Tranche 1) of China Construction Science and Industry Corporation Ltd, publicly issued	20 CCSI Y2	December 22, 2020	December 23, 2020	December 22, 2023	600,000.00	5.8	Normal
31	3.4% perpetual bonds of China State Construction International Holdings Limited	CSC FIN SGPSB	June 8, 2021	June 8, 2021	June 8, 2026	3,355,700.00	3.4	Normal
32	2021 corporate bonds (Tranche 1) (Variety 1) of China Overseas Development Group Co., Ltd, publicly issued to professional investors	21 China Overseas 01	June 11, 2021	June 15, 2021	June 15, 2024	2,000,000.00	3.25	Normal
33	2021 corporate bonds (Tranche 1) (Variety 2) of China Overseas Development Group Co., Ltd, publicly issued to professional investors	21 China Overseas 02	June 11, 2021	June 15, 2021	June 15, 2026	1,000,000.00	3.55	Normal
34	2021 corporate bonds (Tranche 2) (Variety 1) of China Overseas Development Group Co., Ltd, publicly issued to professional investors	21 China Overseas 03	July 9, 2021	July 12, 2021	July 12, 2025	1,000,000.00	3.1	Normal
35	2021 corporate bonds (Tranche 2) (Variety 2) of China Overseas Development Group Co., Ltd, publicly issued to professional investors	21 China Overseas 04	July 9, 2021	July 12, 2021	July 12, 2025	2,000,000.00	3.25	Normal

No.	Name of bond	Abbreviation	Date of issuance	Interest commencement date	Maturity date	Issue size/ current size	Interest rate (%)	Principal repayment and interest payment
36	2021 corporate bonds (Tranche 3) (Variety 1) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	21 China Overseas 05	August 6, 2021	August 9, 2021	August 9, 2025	500,000.00	2.75	Normal
37	2021 corporate bonds (Tranche 3) (Variety 2) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	21 China Overseas 06	August 6, 2021	August 9, 2021	August 9, 2028	1,500,000.00	3.25	Normal
38	2021 renewable corporate bonds (Tranche 1) of China Construction First Group Corporation Limited publicly issued to professional investors	21 China Construction G1 Y1	November 10, 2021	November 12, 2021	November 12, 2024	1,000,000.00	3.48	Normal
39	2021 corporate bonds (Tranche 4) (Variety 1) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	21 China Overseas 07	November 24, 2021	November 25, 2021	November 25, 2024	1,700,000.00	3.08	Normal
40	2021 corporate bonds (Tranche 4) (Variety 2) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	21 China Overseas 08	November 24, 2021	November 25, 2021	November 25, 2026	1,200,000.00	3.38	Normal
41	2021 renewable corporate bonds (Tranche 1) (Variety 1) of China Construction Fangcheng Investment & Development Group Co., Ltd. publicly issued to professional investors	21 Fangcheng Y1	December 7, 2021	December 8, 2021	December 8, 2023	500,000.00	3.8	Normal
42	2021 renewable corporate bonds (Tranche 1) (Variety 2) of China Construction Fangcheng Investment & Development Group Co., Ltd. publicly issued to professional investors	21 Fangcheng Y2	December 7, 2021	December 8, 2021	December 8, 2024	1,200,000.00	4.25	Normal
43	2021 corporate bonds (Tranche 5) (Variety 1) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	21 China Overseas 09	December 17, 2021	December 20, 2021	December 20, 2024	1,300,000.00	2.98	Normal
44	2021 corporate bonds (Tranche 5) (Variety 2) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	21 China Overseas 10	December 17, 2021	December 20, 2021	December 20, 2026	800,000.00	3.38	Normal
45	2021 green renewable corporate bonds of China Construction Science & Technology Group Co., Ltd. publicly issued to professional investors	G CCST Y1	December 24, 2021	December 28, 2021	December 28, 2024	300,000.00	4.3	Normal
46	2022 corporate bonds (Tranche 1) (Variety 1) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	22 China Overseas 01	April 6, 2022	April 7, 2022	April 7, 2025	2,000,000.00	3.05	Normal
47	2022 corporate bonds (Tranche 1) (Variety 2) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	22 China Overseas 02	April 6, 2022	April 7, 2022	April 7, 2027	1,000,000.00	3.5	Normal
48	2022 corporate bonds (Tranche 1) of China Construction Capital Holding Co., Ltd. publicly issued to professional investors	22 Capital Holding 01	April 27, 2022	April 27, 2022	April 27, 2025	1,000,000.00	3.3	Normal
49	2022 corporate bonds (Tranche 2) (Variety 1) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	22 China Overseas 03	May 9, 2022	May 10, 2022	May 10, 2025	1,500,000.00	2.75	Normal
50	2022 corporate bonds (Tranche 2) (Variety 2) of China Overseas Development Group Co., Ltd. publicly issued to professional investors	22 China Overseas 04	May 9, 2022	May 10, 2022	May 10, 2027	1,500,000.00	3.48	Normal

(III) Debt financing instruments of non-financial enterprises in the interbank bond market

√ Applicable □ N/A

1. Basic information of debt financing instruments of non-financial enterprises

Unit: '000 yuan Currency: RMB

No.	Name of bond	Abbreviation	Code	Date of issuance	Interest commencement date	Maturity date	Balance	Interest rate (%)	Method of principal repayment and interest payment	Venue of trading	Arrangement to ensure the suitability of investors (if any)	Trading mechanism	Whether there is a risk of termination of the listing
1	2018 medium-term notes (Tranche 1) of China State Construction Engineering Corporation Limited	18 CSCEC MTN001	101800894	August 15, 2018	August 17, 2018	August 17, 2023	5,000,000.00	4.70	Payment of interest on an annual basis and principal upon maturity	Inter-bank bond market	/	Bidding, quotation, inquiry and agreement	No
2	2018 medium-term notes (Tranche 2) of China State Construction Engineering Corporation Limited	18 CSCEC MTN002	101800900	August 15, 2018	August 17, 2018	August 17, 2023	5,000,000.00	4.70	Payment of interest on an annual basis and principal upon maturity	Inter-bank bond market	/	Bidding, quotation, inquiry and agreement	No
3	2020 medium-term notes (Tranche 1) of China State Construction Engineering Corporation Limited	20 CSCEC MTN001	102000561	April 1, 2020	April 3, 2020	April 3, 2023	4,000,000.00	3.29	Payment of interest on an annual basis and principal upon maturity	Inter-bank bond market	/	Bidding, quotation, inquiry and agreement	No
4	2020 medium-term notes (Tranche 2) of China State Construction Engineering Corporation Limited	20 CSCEC MTN002	102000650	April 9, 2020	April 13, 2020	April 13, 2023	3,000,000.00	3.10	Payment of interest on an annual basis and principal upon maturity	Inter-bank bond market	/	Bidding, quotation, inquiry and agreement	No
5	2020 medium-term notes (Tranche 3) of China State Construction Engineering Corporation Limited	20 CSCEC MTN003	102000748	April 16, 2020	April 20, 2020	April 20, 2023	3,000,000.00	3.09	Payment of interest on an annual basis and principal upon maturity	Inter-bank bond market	/	Bidding, quotation, inquiry and agreement	No

For relevant details, please refer to note V. 35 "Non-current liabilities due within one year" and note V. 38 "Bonds payable" to the financial statements under section X "FINANCIAL REPORT".

The Company's countermeasures to the risks of termination of listing and trading of bonds

Applicable N/A

Outstanding bonds overdue

Applicable N/A

Explanation on debts overdue

Applicable N/A

2. The triggering and implementation of the issuer's or investor's option articles and investor protection articles

Applicable N/A

3. Adjustment of credit rating results

Applicable N/A

Other explanation

Nil

4. The implementation and changes of guarantees, debt repayment plans and other debt repayment protection measures during the Reporting Period and their impact

Applicable N/A

Other explanation

Nil

5. Explanation of other information of debt financing instruments of non-financial enterprises

√ Applicable N/A

The issuance of debt financing instruments of subsisting non-financial institutions by subsidiaries as at the date of this Report is as follows:

Issuance of Subsisting Debt Financing Instruments of Non-financial Institutions by Subsidiaries

Unit: '000 yuan Currency: RMB

No.	Name of bond	Abbreviation	Date of issuance	Interest commencement date	Maturity date	Issue size/current size	Interest rate (%)	Repayment of principal and interest payment
1	Tranche 1 of medium-term note of China State Construction Seventh Engineering Division Corp., Ltd. in 2017	17 China Construction Seventh Division MTN001	December 26, 2017	December 28, 2017	December 28, 2022	2,500,000.00	7	Normal
2	Tranche 1 of medium-term note of China Construction Second Engineering Bureau Ltd. in 2018	18 China Construction Second Bureau MTN001	April 17, 2018	April 18, 2018	April 18, 2023	1,000,000.00	5.03	Normal
3	Tranche 1 of medium-term note of China Construction Communications Engineering Group Co., Ltd. in 2018	18 China Construction Communications MTN001	July 23, 2018	July 25, 2018	July 25, 2023	500,000.00	5.1	Normal
4	Tranche 1 of medium-term note of China Construction First Group Corporation Limited in 2018 (Variety II)	18 China Construction First Group MTN001B	December 5, 2018	December 7, 2018	December 7, 2023	500,000.00	5.5	Normal
5	Tranche 1 of medium-term note of China Construction Communications Engineering Group Co., Ltd. in 2019	19 China Construction Communications MTN001	April 10, 2019	April 12, 2019	April 12, 2024	300,000.00	4.75	Normal
6	Tranche 1 of medium-term note of China Construction Communications Engineering Group Co., Ltd. in 2020	20 China Construction Communications MTN001	March 11, 2020	March 13, 2020	March 13, 2023	800,000.00	4.2	Normal
7	Tranche 1 of medium-term note of China State Construction Seventh Engineering Division Corp., Ltd. in 2020 (bond for the pandemic prevention and control)	20 China Construction Seventh Division (bond for the pandemic prevention and control) MTN001	March 25, 2020	March 27, 2020	March 27, 2023	2,000,000.00	3.7	Normal
8	Tranche 1 of medium-term note of China Construction Fifth Engineering Division Corp., Ltd. in 2020	20 China Construction Fifth Division MTN001	April 20, 2020	April 22, 2020	April 22, 2023	2,000,000.00	3.35	Normal
9	Tranche 1 of medium-term note of China Construction Eighth Engineering Division Corp., Ltd. in 2020	20 China Construction Eighth Division MTN001	June 11, 2020	June 15, 2020	June 11, 2025	2,000,000.00	4.04	Normal
10	Tranche 2 of medium-term note of China Construction Eighth Engineering Division Corp., Ltd. in 2020	20 China Construction Eighth Division MTN002	August 26, 2020	August 28, 2020	August 26, 2023	2,000,000.00	4.45	Normal
11	Tranche 1 of medium-term note of China Construction Sixth Engineering Bureau Corp., Ltd. in 2020	20 China Construction Sixth Bureau MTN001	September 3, 2020	September 7, 2020	September 7, 2023	600,000.00	5.6	Normal
12	Tranche 1 of medium-term note of China Construction Second Engineering Bureau Ltd. in 2020	20 China Construction Second Bureau MTN001	September 29, 2020	September 30, 2020	September 30, 2023	1,500,000.00	4.8	Normal
13	Tranche 1 of medium-term note of China Construction Fourth Engineering Division Corp., Ltd. in 2020	20 China Construction Fourth Division MTN001	October 19, 2020	October 21, 2020	October 21, 2023	1,500,000.00	5.1	Normal

No.	Name of bond	Abbreviation	Date of issuance	Interest commencement date	Maturity date	Issue size/current size	Interest rate (%)	Repayment of principal and interest payment
14	Tranche 2 of medium-term note of China Construction Second Engineering Bureau Ltd. in 2020	20 China Construction Second Bureau MTN002	October 26, 2020	October 28, 2020	October 28, 2023	1,000,000.00	4.78	Normal
15	Tranche 1 of RMB medium-term note of China State Construction International Investments Limited in 2020	20 China Construction Investments MTN001	October 26, 2020	October 28, 2020	October 28, 2023	500,000.00	3.45	Normal
16	Tranche 2 of medium-term note of China Construction Sixth Engineering Bureau Corp., Ltd. in 2020	20 China Construction Sixth Bureau MTN002	October 27, 2020	October 29, 2020	October 29, 2023	700,000.00	5	Normal
17	Tranche 2 of medium-term note of China Construction Third Engineering Bureau Group Co., Ltd. in 2020	20 China Construction Third Bureau MTN002	October 27, 2020	October 28, 2020	October 28, 2023	1,500,000.00	4.5	Normal
18	Tranche 1 of medium-term note of CSCEC Strait Construction and Development Co., Ltd. in 2020	20 CSCEC Strait MTN001	November 3, 2020	November 5, 2020	November 5, 2023	1,000,000.00	4.85	Normal
19	Tranche 2 of medium-term note of China Construction Fourth Engineering Division Corp., Ltd. in 2020	20 China Construction Fourth Division MTN002	November 3, 2020	November 5, 2020	November 5, 2023	2,500,000.00	5.05	Normal
20	Tranche 3 of medium-term note of China Construction Second Engineering Bureau Ltd. in 2020	20 China Construction Second Bureau MTN003	November 4, 2020	November 6, 2020	November 6, 2023	1,000,000.00	4.6	Normal
21	Tranche 3 of medium-term note of China Construction Third Engineering Bureau Group Co., Ltd. in 2020 (Variety I)	20 China Construction Third Bureau MTN003A	November 11, 2020	November 12, 2020	November 12, 2022	300,000.00	4.1	Normal
22	Tranche 3 of medium-term note of China Construction Third Engineering Bureau Group Co., Ltd. in 2020 (Variety II)	20 China Construction Third Bureau MTN003B	November 11, 2020	November 12, 2020	November 12, 2023	1,200,000.00	4.45	Normal
23	Tranche 4 of medium-term note of China Construction Second Engineering Bureau Ltd. in 2020 (Variety I)	20 China Construction Second Bureau MTN004B	November 25, 2020	November 27, 2020	November 27, 2023	1,000,000.00	4.89	Normal
24	Tranche 4 of medium-term note of China Construction Second Engineering Bureau Ltd. in 2020 (Variety I)	20 China Construction Second Bureau MTN004A	November 25, 2020	November 27, 2020	November 27, 2022	500,000.00	4.5	Normal
25	Tranche 1 of medium-term note of China Overseas Development Group Co., Ltd. in 2020	20 China Overseas Development MTN001	December 10, 2020	December 14, 2020	December 14, 2023	1,500,000.00	3.6	Normal
26	Tranche 1 of medium-term note of China Construction Third Engineering Bureau Group Co., Ltd. in 2020	20 China Construction Third Bureau MTN001	December 21, 2020	December 22, 2020	December 22, 2023	2,000,000.00	4.7	Normal
27	Tranche 1 of medium-term note of China Overseas Development Group Co., Ltd. in 2021	21 China Overseas Development MTN001	January 13, 2021	January 15, 2021	January 15, 2024	1,500,000.00	3.35	Normal
28	Tranche 1 of medium-term note of China Construction Eighth Engineering Division Corp., Ltd. in 2021	21 China Construction Eighth Division MTN001	March 19, 2021	March 23, 2021	March 19, 2024	3,000,000.00	4.48	Normal
29	Tranche 1 of medium-term note of China State Construction International Investments Limited in 2021	21 China Construction Investments MTN001	May 27, 2021	May 31, 2021	May 31, 2024	1,000,000.00	3.52	Normal

No.	Name of bond	Abbreviation	Date of issuance	Interest commencement date	Maturity date	Issue size/current size	Interest rate (%)	Repayment of principal and interest payment
30	Tranche 1 of medium-term note of China West Construction Group Co., Ltd. in 2021	21 China West Construction MTN001	August 18, 2021	August 20, 2021	August 20, 2024	700,000.00	3.35	Normal
31	Tranche 1 of medium-term note of China Construction Industrial & Energy Engineering Group Co., Ltd. in 2021	21 China Construction Industrial & Energy MTN001	August 20, 2021	August 24, 2021	August 24, 2024	300,000.00	4.96	Normal
32	Tranche 1 of medium-term note of China Construction Second Engineering Bureau Ltd. in 2021	21 China Construction Second Bureau MTN001	August 30, 2021	September 1, 2021	September 1, 2024	1,500,000.00	3.56	Normal
33	Tranche 1 of medium-term note of China Construction Fifth Engineering Division Corp., Ltd. in 2021	21 China Construction Fifth Division MTN001	September 27, 2021	September 28, 2021	September 28, 2024	2,000,000.00	3.8	Normal
34	Tranche 1 of medium-term note of China Construction Fourth Engineering Division Corp., Ltd. in 2021	21 China Construction Fourth Division MTN001	October 25, 2021	October 27, 2021	October 27, 2024	1,000,000.00	4.3	Normal
35	Tranche 2 of medium-term note of China Construction Fourth Engineering Division Corp., Ltd. in 2021	21 China Construction Fourth Division MTN002	November 15, 2021	November 17, 2021	November 17, 2024	2,000,000.00	4.18	Normal
36	Tranche 1 of medium-term note of China State Construction Seventh Engineering Division Corp., Ltd. in 2021	21 China Construction Seventh Division MTN001	November 17, 2021	November 19, 2021	November 19, 2024	1,500,000.00	3.6	Normal
37	Tranche 2 of medium-term note of China Construction Fifth Engineering Division Corp., Ltd. in 2021	21 China Construction Fifth Division MTN002	November 24, 2021	November 26, 2021	November 26, 2024	2,500,000.00	3.6	Normal
38	Tranche 2 of medium-term note of China West Construction Group Co., Ltd. in 2021	21 China West Construction MTN002	December 1, 2021	December 3, 2021	December 3, 2024	600,000.00	4.3	Normal
39	Tranche 1 of medium-term note of China Construction Third Engineering Bureau Group Co., Ltd. in 2021	21 China Construction Third Bureau MTN001	December 7, 2021	December 9, 2021	December 9, 2024	1,300,000.00	3.35	Normal
40	Tranche 2 of medium-term note of China Construction Third Engineering Bureau Group Co., Ltd. in 2021	21 China Construction Third Bureau MTN002	December 9, 2021	December 13, 2021	December 13, 2024	1,200,000.00	3.35	Normal
41	Tranche 1 of medium-term note of China Construction Infrastructure Co., Ltd. in 2021	21 China Construction MTN001	December 9, 2021	December 13, 2021	December 13, 2024	500,000.00	3.8	Normal
42	Tranche 3 of medium-term note of China Construction Fourth Engineering Division Corp., Ltd. in 2021 (Variety I)	21 China Construction Fourth Division MTN003A	December 16, 2021	December 21, 2021	December 20, 2026	1,000,000.00	3.3	Normal
43	Tranche 3 of medium-term note of China Construction Fourth Engineering Division Corp., Ltd. in 2021 (Variety II)	21 China Construction Fourth Division MTN003B	December 16, 2021	December 21, 2021	December 20, 2026	1,000,000.00	3.95	Normal
44	Tranche 2 of medium-term note of China State Construction International Investments Limited in 2021	21 China Construction Investments MTN002	December 27, 2021	December 29, 2021	December 29, 2024	1,500,000.00	3.1	Normal
45	Tranche 1 of medium-term note of China Overseas Development Group Co., Ltd. in 2022 (Variety I)	22 China Overseas Development MTN001A	January 12, 2022	January 14, 2022	January 14, 2025	1,800,000.00	2.88	Normal
46	Tranche 1 of medium-term note of China Overseas Development Group Co., Ltd. in 2022 (Variety II)	22 China Overseas Development MTN001B	January 12, 2022	January 14, 2022	January 14, 2027	1,200,000.00	3.25	Normal

No.	Name of bond	Abbreviation	Date of issuance	Interest commencement date	Maturity date	Issue size/current size	Interest rate (%)	Repayment of principal and interest payment
47	Tranche 2 of green medium-term note of China Overseas Development Group Co., Ltd. in 2022	22 China Overseas Development MTN002 (green)	February 21, 2022	February 23, 2022	February 23, 2027	1,000,000.00	3.22	Normal
48	Tranche 3 of ultra-short term financing bonds of China State Construction Seventh Engineering Division Corp., Ltd. in 2022	22 China Construction Seventh Division SCP003	March 9, 2022	March 10, 2022	September 6, 2022	1,000,000.00	2.4	Normal
49	Tranche 4 of ultra-short term financing bonds of China State Construction Seventh Engineering Division Corp., Ltd. in 2022	22 China Construction Seventh Division SCP004	March 9, 2022	March 10, 2022	September 6, 2022	500,000.00	2.4	Normal
50	Tranche 7 of ultra-short term financing bonds of China State Construction Seventh Engineering Division Corp., Ltd. in 2022	22 China Construction Seventh Division SCP007	March 11, 2022	March 14, 2022	October 10, 2022	500,000.00	2.42	Normal
51	Tranche 1 of green medium-term note of China State Construction International Investments Limited in 2022	22 China Construction Investments MTN001 (green)	March 31, 2022	April 2, 2022	April 2, 2025	960,000.00	2.98	Normal
52	Tranche 2 of medium-term note of China State Construction International Investments Limited in 2022	22 China Construction Investments MTN002	April 25, 2022	April 27, 2022	April 27, 2025	1,500,000.00	3.09	Normal
53	Tranche 3 of medium-term note of China Overseas Development Group Co., Ltd. in 2022 (Variety I)	22 China Overseas Development MTN003A	May 25, 2022	May 27, 2022	May 27, 2025	2,000,000.00	2.63	Normal
54	Tranche 3 of medium-term note of China Overseas Development Group Co., Ltd. in 2022 (Variety II)	22 China Overseas Development MTN003B	May 25, 2022	May 27, 2022	May 27, 2027	1,000,000.00	3.1	Normal
55	Tranche 2 of ultra-short term financing bonds of China Construction Second Engineering Bureau Ltd. in 2022	22 China Construction Second Bureau SCP002	June 16, 2022	June 17, 2022	December 14, 2022	3,000,000.00	1.95	Normal
56	Tranche 4 of ultra-short term financing bonds of China Construction First Group Corporation Limited in 2022	22 China Construction First Group SCP004	July 1, 2022	July 1, 2022	September 23, 2022	1,500,000.00	1.7	Normal
57	Tranche 5 of ultra-short term financing bonds of China Construction First Group Corporation Limited in 2022	22 China Construction First Group SCP005	July 1, 2022	July 1, 2022	September 23, 2022	1,500,000.00	1.7	Normal
58	Tranche 3 of ultra-short term financing bonds of China Construction Second Engineering Bureau Ltd. in 2022	22 China Construction Second Bureau SCP003	July 1, 2022	July 4, 2022	September 28, 2022	2,000,000.00	1.7	Normal
59	Tranche 4 of medium-term note of China Overseas Development Group Co., Ltd. in 2022	22 China Overseas Development MTN004	July 21, 2022	July 25, 2022	July 25, 2027	2,000,000.00	3.26	Normal
60	Tranche 4 of ultra-short term financing bonds of China Construction Sixth Engineering Bureau Corp., Ltd. in 2022	22 China Construction Sixth Bureau scp004	July 25, 2022	July 26, 2022	November 23, 2022	700,000.00	1.98	Normal
61	Tranche 6 of ultra-short term financing bonds of China Construction Eighth Engineering Division Corp., Ltd. in 2022 (Technology Innovative Notes)	22 China Construction Eighth Division SCP006 (Technology Innovative Notes)	July 26, 2022	July 27, 2022	September 23, 2022	4,000,000.00	1.5	Normal
62	Tranche 3 of medium-term note of China State Construction International Investments Limited in 2022	22 China Construction Investments MTN003	August 17, 2022	August 19, 2022	August 19, 2027	1,040,000.00	2.7	Normal
63	Tranche 5 of ultra-short term financing bonds of China Construction Sixth Engineering Bureau Corp., Ltd. in 2022 (Technology Innovative Notes)	22 China Construction Sixth Division SCP005 (Technology Innovative Notes)	August 19, 2022	August 22, 2022	December 20, 2022	800,000.00	1.82	Normal

For relevant details, please refer to note V. 35 "Non-current liabilities due within one year", note V. 36 "Other current liabilities" and note V. 38 "Bonds repayable" to the financial statements under section X "FINANCIAL REPORT".

(IV) Loss in the Company's consolidated statement during the Reporting Period exceeded 10% of its net assets at the end of the previous year

Applicable N/A

(V) Key accounting data and financial indicators

Applicable N/A

Unit: '000 yuan Currency: RMB

Major indicators	End of the Reporting Period	End of last year	Increase/decrease as at the end of the Reporting Period as compared to the end of last year (%)	Reason for the change
Current ratio (%)	136.0	134.5	Increase by 1.5 percentage points	Increase in current assets
Quick ratio (%)	70.2	65.4	Increase by 4.8 percentage points	Increase in quick assets
Gearing ratio (%)	74.6	73.2	Increase by 1.4 percentage points	Increase in total liabilities

	The Reporting Period (January to June)	Corresponding period of last year	Increase/decrease in the Reporting Period as compared to the corresponding period of last year (%)	Reason for the change
Net profit attributable to shareholders of the Company after deducting non-recurring profit or loss	24,871,761	24,537,039	Increase by 1.4 percentage points	Increase in operating profit
Debt-to-EBITDA ratio	0.09	0.11	/	/
Interest coverage ratio	4.5	4.9	Decrease by 0.4 time	Increase in interest expenses
Cash interest coverage ratio	-2.7	-1.8	/	Increase in net cash outflow from operating activities
EBITDA interest coverage ratio	4.8	5.5	Decrease by 0.7 time	Increase in interest expenses
Loan repayment ratio (%)	100.0	100.0	/	/
Interest repayment ratio (%)	100.0	100.0	/	/

II. Convertible Corporate Bonds

Applicable N/A

SECTION X FINANCIAL REPORT

I. Review Report

Applicable N/A

Please refer to the attached Review Report.

II. Financial Statements

Please refer to the attached Financial Statements.

Chairman: Zheng Xuexuan

Date of approval by the Board of Directors for submission: August 29, 2022

Amendments

Applicable N/A

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For the six-month period ended 30 June 2022

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REPORT ON REVIEW OF INTERIM FINANCIAL STATEMENTS

Ernst & Young Hua Ming (2022) Zhuan Zi No. 61398485_A15

China State Construction Engineering Corporation Limited

To the Shareholders of China State Construction Engineering Corporation Limited:

We have reviewed the interim financial statements of China State Construction Engineering Corporation Limited, which comprise the consolidated and company statements of financial position as at 30 June 2022, and the consolidated and company statements of profit or loss and other comprehensive income, the consolidated and company statements of changes in equity and the consolidated and company statements of cash flows for the six months then ended, and the notes to the financial statements. The preparation of these financial statements is the responsibility of the Company's management. Our responsibility is to express a report on review of these financial statements based on our review.

We conducted our review in accordance with China Certified Public Accountant Review Standard No. 2101 – Review of Financial Statements. This Standard requires us to plan and perform the review to obtain limited assurance about whether these financial statements are free from material misstatements. A review is limited primarily to procedures as enquiry of entity's personnel and analytical review procedures applied to the financial information and thus provides less assurance than an audit. We have not performed an audit, and therefore we do not express an audit opinion.

Based on our review, nothing has come to our attention that causes us to believe that the accompanying financial statements are not prepared in accordance with the requirements of Accounting Standards for Business Enterprises and cannot present fairly, in all material respects, the consolidated and company financial position as at 30 June 2022, and operating performance and cash flows for the six months ended 30 June 2022.

Chinese Certified Public Accountant: Zhou Ying

Ernst & Young Hua Ming LLP

Chinese Certified Public Accountant: Yang Shujuan

Chinese Certified Public Accountant: Shen Yan

CONSOLIDATED BALANCE SHEET

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

ASSETS	Note V	30 June 2022	31 December 2021
Current assets			
Cash and bank balances	1	344,016,429	327,460,535
Financial assets held for trading	2	52,204	71,597
Notes receivable	3	11,561,853	17,745,605
Accounts receivable	4	227,736,849	180,699,591
Accounts receivables financing	5	4,518,144	3,779,728
Prepayments	6	42,407,727	49,378,222
Other receivables	7	67,669,149	60,951,635
Inventories	8	750,002,280	703,446,149
Contract assets	9	285,271,871	215,697,090
Current portion of non-current assets	10	44,267,078	44,005,530
Other current assets	11	117,328,522	110,819,567
Total current assets		1,894,832,106	1,714,055,249
Non-current assets			
Debt investments	12	21,763,998	20,945,330
Other debt investments		253,183	264,083
Long-term receivables	13	96,250,650	103,310,203
Long-term equity investments	14	104,670,989	100,838,539
Investments in other equity instruments	15	5,101,437	5,065,494
Other non-current financial assets	16	1,565,011	1,559,354
Investment properties	17	133,766,832	122,696,798
Fixed assets	18	46,039,273	43,455,961
Construction in progress	19	3,891,357	3,706,669
Right of use assets	20	7,108,579	5,881,473
Intangible assets	21	24,532,915	20,653,060
Goodwill	22	2,314,915	2,237,894
Long-term prepaid expenses	23	1,221,869	1,131,410
Deferred tax assets	24	20,836,114	18,902,289
Other non-current assets	25	232,703,071	223,545,320
Total non-current assets		702,020,193	674,193,877
TOTAL ASSETS		2,596,852,299	2,388,249,126

The accompanying notes form an integral part of these financial statements.

CONSOLIDATED BALANCE SHEET (continued)

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

LIABILITIES AND SHAREHOLDERS' EQUITY	Note V	30 June 2022	31 December 2021
Current liabilities			
Short-term borrowings	27	109,923,163	59,945,832
Notes payable	28	11,413,989	7,553,066
Accounts payable	29	587,183,728	516,475,667
Advances from customers	30	976,822	782,465
Contract liabilities	31	290,057,115	323,735,026
Employee benefits payable	32	7,046,472	8,551,111
Taxes and surcharges payable	33	64,504,332	69,072,227
Other payables	34	134,270,240	126,723,159
Current portion of non-current liabilities	35	90,460,679	81,358,402
Other current liabilities	36	97,517,570	80,421,081
Total current liabilities		1,393,354,110	1,274,618,036
Non-current liabilities			
Long-term borrowings	37	387,442,060	334,735,903
Bonds payable	38	113,170,016	99,460,750
Lease liability	39	4,847,107	3,682,337
Long-term payables	40	17,721,751	16,491,996
Long-term employee benefits payable	41	1,739,740	1,809,320
Provisions	42	4,513,596	4,421,887
Deferred income	43	433,664	475,514
Deferred tax liabilities	24	10,982,164	5,394,969
Other non-current liabilities	44	2,641,481	7,456,105
Total non-current liabilities		543,491,579	473,928,781
TOTAL LIABILITIES		1,936,845,689	1,748,546,817
Shareholders' equity			
Paid-in capital	45	41,940,859	41,948,168
Other equity instruments	46	10,000,000	10,000,000
Including: Perpetual bonds		10,000,000	10,000,000
Capital reserve	47	11,713,459	11,260,535
Less: Treasury shares		(3,461,242)	(3,485,347)
Other comprehensive income	48	(4,298,922)	(613,252)
Special reserve	49	127,088	123,239
General risk reserve		1,771,382	1,741,579
Surplus reserve	50	12,843,667	12,843,667
Retained earnings	51	287,789,907	270,081,501
Total equity attributable to the shareholders		358,426,198	343,900,090
Non-controlling interests		301,580,412	295,802,219
Total shareholders' equity		660,006,610	639,702,309
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY		2,596,852,299	2,388,249,126

The financial statements have been signed by:

Chairman: Zheng Xuexuan

Chief Finance Officer: Wang Yunlin

Head of the Finance Department: Xie Song

The accompanying notes form an integral part of these financial statements.

CONSOLIDATED INCOME STATEMENT

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Note V	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Revenue	52	1,060,771,087	936,761,966
Less: Cost of sales	52	952,531,531	838,204,143
Taxes and surcharges	53	5,835,086	6,767,266
Selling and distribution expenses	54	2,974,529	3,101,908
General and administrative expenses	55	16,468,482	16,471,208
Research and development expenses	56	19,265,280	13,857,924
Finance expenses	57	9,061,069	5,094,214
Including: Interest expenses		7,943,783	6,576,210
Interest income		1,787,133	1,680,924
Add: Other income	58	624,074	235,748
Investment income	59	3,609,706	1,787,041
Including: Share of profit of associates and joint ventures		2,348,154	1,756,537
Losses from derecognition of financial assets measured at amortised cost		(1,077,422)	(683,493)
losses arising from changes in fair value	60	(27,192)	(142,618)
Credit impairment losses	61	(7,028,660)	(3,467,079)
Asset impairment losses	62	(1,606,364)	(204,265)
Gains on disposals of assets		190,452	136,826
Operating profit		50,397,126	51,610,956
Add: Non-operating income	63	1,827,950	551,330
Less: Non-operating expenses	64	204,991	441,515
Profit before income taxes		52,020,085	51,720,771
Less: Income tax expenses	66	10,848,011	11,644,632
Profit		41,172,074	40,076,139
Including: Net loss of the merged party under business combination under common control before the combination		–	(5,369)
Classified by continuity of operations			
Profit from continuing operations		41,172,074	40,076,139
Classified by ownership of the equity			
Profit attributable to owners of the parent		28,503,338	25,637,270
Profit attributable to non-controlling interests		12,668,736	14,438,869

The accompanying notes form an integral part of these financial statements.

CONSOLIDATED INCOME STATEMENT (continued)

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Note V	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Other comprehensive income, net of tax		(2,922,903)	(339,076)
Attributable to owners of the parents	48	(3,650,592)	(357,807)
Other comprehensive income that will not be reclassified to profit or loss		(181,992)	(272,293)
Remeasurement gains or losses of a defined benefit plan		(20)	–
Changes in fair value of investments in other equity instruments		(181,972)	(272,293)
Other comprehensive income that may be reclassified to profit or loss		(3,468,600)	(85,514)
Shares of other comprehensive income that will be reclassified subsequently into profit or loss by the investee under equity method		(109,178)	(137,922)
Changes in fair value of other debt investments		(41,620)	(10,121)
Exchange differences on translation of foreign currency financial statements		(3,317,802)	62,529
Attributable to non-controlling interests	48	727,689	18,731
Total comprehensive income		38,249,171	39,737,063
Including:			
Attributable to owners of the parent		24,852,746	25,279,463
Attributable to non-controlling interests		13,396,425	14,457,600
Earnings per share	67		
Basic earnings per share (RMB/share)		0.68	0.62
Diluted earnings per share (RMB/share)		0.68	0.62

The financial statements have been signed by:

Chairman: Zheng Xuexuan

Chief Finance Officer: Wang Yunlin

Head of the Finance Department: Xie Song

The accompanying notes form an integral part of these financial statements.

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Attributable to shareholders of the Company										Total shareholders equity	
	Paid-in capital	Other equity instruments Perpetual bonds	Capital reserve	Less: Treasury shares	Other comprehensive incomes	Special reserves	General risk reserves	Surplus reserves	Retained earnings	Subtotal		Non-controlling interests
I. Balance at the beginning of period	41,948,168	10,000,000	11,260,535	(3,485,347)	(613,252)	123,239	1,741,579	12,843,667	270,061,501	343,900,090	295,802,219	639,702,309
II Changes for the period	-	-	-	-	(3,650,532)	-	-	-	28,503,338	24,852,746	13,396,425	38,249,171
1. Total comprehensive income	-	-	-	-	(3,650,532)	-	-	-	28,503,338	24,852,746	13,396,425	38,249,171
2. Owners' contributions and reductions in capital	-	-	-	-	-	-	-	-	-	-	3,676,299	3,676,299
(1) Capital contributions by shareholders	-	-	-	-	-	-	-	-	-	-	3,676,299	3,676,299
(2) Capital contributions by the holders of other equity instruments	-	-	-	-	-	-	-	-	-	-	(5,547,518)	(5,547,518)
(3) Amount of share payments included in shareholders' equity	-	-	352,851	-	-	-	-	-	-	352,851	26,128	378,979
(4) Effect on changes in shareholding of subsidiaries	-	-	153,053	-	-	-	-	-	-	153,053	107,691	260,744
(5) Buyback and cancellation of locked restricted shares	(7,309)	-	(16,796)	24,105	-	-	-	-	-	-	-	-
(6) Acquisition of a subsidiary	-	-	-	-	-	-	-	-	-	-	2,542,012	2,542,012
(7) Others	-	-	(66,184)	-	-	-	-	-	2,308	(63,876)	(2,581)	(66,457)
3. Profit distribution	-	-	-	-	-	-	29,803	-	(29,803)	-	-	-
(1) Extract general risk reserves	-	-	-	-	-	-	29,803	-	(29,803)	-	-	-
(2) Profit distribution to shareholders	-	-	-	-	-	-	-	-	(10,485,215)	(10,485,215)	(5,509,373)	(15,995,188)
(3) Profit distribution to holders of other equity instruments	-	-	-	-	-	-	-	-	(317,300)	(317,300)	(2,917,555)	(3,234,855)
4. Transfer within equity	-	-	-	-	(65,078)	-	-	-	35,078	-	-	-
(1) Other comprehensive income transferring to retained earnings	-	-	-	-	(65,078)	-	-	-	35,078	-	-	-
5. Special reserve	-	-	-	-	-	-	-	-	-	-	-	-
(1) Extraction for the period ended 30 June 2022	-	-	-	-	-	-	-	-	-	16,185,477	74,230	16,259,707
(2) Use for the period ended 30 June 2022	-	-	-	-	-	-	-	-	-	(16,181,628)	(66,965)	(16,248,593)
III Balance at the end of period	41,940,859	10,000,000	11,713,459	(3,461,242)	(4,268,922)	127,088	1,771,382	12,843,667	287,789,907	358,426,198	301,560,412	660,006,610

The accompanying notes form an integral part of these financial statements.

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY (continued)

For the six months ended 30 June 2021 (restated)

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Attributable to shareholders of the Company										Non-controlling interests	Total shareholders equity
	Paid-in capital	Other equity instruments Perpetual bonds	Capital reserve	Less: Treasury shares	Other comprehensive incomes	Special reserves	General risk reserves	Surplus reserves	Retained earnings	Subtotal		
I. Balance at the end of prior year	41,965,072	10,000,000	10,265,751	(4,204,385)	(1,179,401)	135,769	1,383,765	10,101,632	231,953,228	300,421,431	276,673,670	577,095,101
Add: Business combination under the same control	-	-	55,500	-	-	504	-	-	(14,382)	41,622	11,356	52,978
Other changes in accounting policies	-	-	-	-	-	-	-	-	(672,735)	(672,735)	-	(672,735)
II. Balance at the beginning of the period	41,965,072	10,000,000	10,321,251	(4,204,385)	(1,179,401)	136,273	1,383,765	10,101,632	231,286,111	299,790,318	276,685,026	576,475,344
III. Changes for the period												
1. Total comprehensive income	-	-	-	-	(357,807)	-	-	-	25,637,270	25,279,463	14,457,600	39,737,063
2. Owners' contributions and reductions in capital												
(1) Capital contributions by shareholders	-	-	-	-	-	-	-	-	-	-	556,368	556,368
(2) Capital contributions by the holders of other equity instruments	-	-	-	-	-	-	-	-	-	-	1,733,423	1,733,423
(3) Amount of share payments included in shareholders' equity	-	-	478,350	-	-	-	-	-	-	478,350	63,710	542,060
(4) Effect on changes in shareholding of subsidiaries	-	-	(20,130)	-	-	-	-	-	-	(20,130)	(133,852)	(153,982)
(5) Buyback and cancellation of locked restricted shares	(16,904)	-	(40,495)	57,399	-	-	-	-	-	-	-	-
(6) Others	-	-	16,816	-	-	-	-	-	(78,596)	(61,780)	(14,085)	(75,865)
3. Profit distribution												
(1) Profit distribution to shareholders	-	-	-	-	-	-	-	-	(9,006,272)	(9,006,272)	(4,888,617)	(13,894,889)
(2) Profit distribution to holders of other equity instruments	-	-	-	-	-	-	-	-	(314,300)	(314,300)	(3,551,858)	(3,866,158)
4. Transfer within equity												
(1) Other comprehensive income transferring to retained earnings	-	-	-	-	(7,371)	-	-	-	7,371	-	-	-
5. Special reserve												
(1) Extraction for the period ended 30 June 2021	-	-	-	-	-	15,213,394	-	-	-	15,213,394	51,408	15,264,802
(2) Use for the period ended 30 June 2021	-	-	-	-	-	(15,191,464)	-	-	-	(15,191,464)	(49,911)	(15,241,375)
IV. Balance at the end of the period	41,948,168	10,000,000	10,755,792	(4,146,986)	(1,544,579)	158,203	1,383,765	10,101,632	247,511,584	316,167,579	284,909,212	601,076,791

The financial statements have been signed by:

Chairman: Zheng Xuexuan

Chief Finance Officer: Wang Yunlin

Head of the Finance Department: Xie Song

The accompanying notes form an integral part of these financial statements.

CONSOLIDATED STATEMENT OF CASH FLOWS

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Note V	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
I. Cash flows from operating activities			
Cash receipts from sales of goods and rendering of services		1,018,959,258	959,433,534
Refund of taxes and surcharges		4,072,843	554,188
Cash receipts relating to other operating activities	68	34,090,343	21,227,976
Sub-total cash flows from operating activities		1,057,122,444	981,215,698
Cash payments for goods and services		984,322,870	890,810,500
Cash payments to and on behalf of employees		59,945,532	53,756,052
Payments of taxes and surcharges		45,025,470	43,854,021
Cash payments relating to other operating activities	68	36,700,592	42,540,554
Sub-total cash flows used in operating activities		1,125,994,464	1,030,961,127
Net cash flows used in operating activities	69	(68,872,020)	(49,745,429)
II. Cash flows from investing activities			
Cash receipts from disposal of investments		3,343,922	722,515
Cash receipts from returns on investments		1,640,671	2,873,558
Net cash receipts from disposal of fixed assets, intangible assets and other long-term assets		438,280	1,030,707
Net cash receipts from disposal of subsidiaries and other business units		217,600	48
Net cash receipts from acquisition of subsidiaries and other business units		1,202,525	51,053
Cash receipts relating to other investing activities	68	16,480,303	12,671,228
Sub-total cash flows from investing activities		23,323,301	17,349,109
Cash payments to acquire fixed assets, intangible assets and other long-term assets		16,069,694	15,476,448
Cash payments for investments		5,669,470	5,622,024
Cash payments relating to other investing activities	68	9,294,018	7,953,149
Sub-total cash flows used in investing activities		31,033,182	29,051,621
Net cash flows used in investing activities		(7,709,881)	(11,702,512)

The accompanying notes form an integral part of these financial statements.

CONSOLIDATED STATEMENT OF CASH FLOWS (continued)

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Note V	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
III. Cash flows from financing activities			
Cash receipts from capital contributions		3,676,299	5,983,593
Including: Cash receipts from capital contributions from non-controlling shareholders of subsidiaries		3,676,299	5,983,593
Cash receipts from borrowings		290,264,610	205,714,315
Cash receipts from issuance of bonds		27,960,000	15,601,714
Cash receipts relating to other financing activities	68	19,833,462	11,555,070
Sub-total cash flows from financing activities		341,734,371	238,854,692
Repayments of borrowings		197,859,532	130,950,049
Cash payments for distribution of dividends or profit and interest expenses		29,102,821	21,982,960
Including: Dividends or profit paid to non-controlling shareholders of subsidiaries		3,231,813	3,679,238
Cash payments to acquire non-controlling interest of subsidiaries		64,726	153,982
Other cash payments relating to financing activities	68	16,940,153	20,230,968
Sub-total cash flows used in financing activities		243,967,232	173,317,959
Net cash flows from financing activities		97,767,139	65,536,733
IV. Effect of foreign exchange rate changes on cash and cash equivalents		274,540	(626,311)
V. Net increase in cash and cash equivalents		21,459,778	3,462,481
Add: Cash and cash equivalents at the beginning of period		301,558,029	267,864,268
VI. Cash and cash equivalents at the end of period	69	323,017,807	271,326,749

The financial statements have been signed by:

Chairman: Zheng Xuexuan

Chief Finance Officer: Wang Yunlin

Head of the Finance Department: Xie Song

The accompanying notes form an integral part of these financial statements.

COMPANY BALANCE SHEET

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

ASSETS	Note XV	30 June 2022	31 December 2021
Current assets			
Cash and bank balances		18,383,755	22,054,786
Including: Deposited in financial company		4,744,330	5,722,693
Notes receivable		–	164,340
Accounts receivable	1	25,094,900	25,073,418
Accounts receivable financing		10,800	12,000
Prepayments		6,908,633	6,381,174
Other receivables	2	22,476,432	19,783,629
Inventories		146,611	126,677
Contract assets		15,087,134	11,932,569
Current portion of non-current assets		1,354,008	1,373,488
Other current assets		4,555,314	4,007,670
Total current assets		94,017,587	90,909,751
Non-current assets			
Debt investments		8,424,888	5,916,668
Long-term receivables		18,842	22,537
Long-term equity investments	3	210,140,857	205,860,857
Investments in other equity instruments		1,058,510	1,353,916
Other non-current financial assets		293,911	305,804
Investment properties		500,339	512,764
Fixed assets		966,761	962,829
Construction in progress		189,860	188,792
Right of use assets		344,762	403,122
Intangible assets		108,340	115,395
Long-term prepaid expenses		37,857	35,867
Deferred tax assets		1,452,563	1,244,055
Other non-current assets		5,642,270	6,886,085
Total non-current assets		229,179,760	223,808,691
TOTAL ASSETS		323,197,347	314,718,442

The accompanying notes form an integral part of these financial statements.

COMPANY BALANCE SHEET (continued)

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

LIABILITIES AND SHAREHOLDERS' EQUITY	30 June 2022	31 December 2021
Current liabilities		
Short-term borrowings	31,465,615	30,947,377
Accounts payable	52,282,870	48,935,866
Contract liabilities	11,143,675	12,400,313
Employee benefit payable	286,189	359,814
Taxes payable	1,570,724	3,020,084
Other payables	45,060,404	45,350,607
Current portion of non-current liabilities	8,326,634	7,941,396
Other current liabilities	3,883,120	3,623,984
Total current liabilities	154,019,231	152,579,441
Non-current liabilities		
Long-term borrowings	9,850,000	2,861,000
Bonds payable	9,996,455	9,994,870
Lease liabilities	222,965	286,967
Long-term payables	9,681,774	9,734,635
Long-term employee benefit payable	122,400	129,050
Provisions	20,763	26,621
Deferred income	2,452	2,452
Total non-current liabilities	29,896,809	23,035,595
TOTAL LIABILITIES	183,916,040	175,615,036
Shareholders' equity		
Paid-in capital	41,940,859	41,948,168
Other equity instruments	10,000,000	10,000,000
Including: Perpetual bonds	10,000,000	10,000,000
Capital reserve	30,126,673	29,824,590
Less: Treasury shares	(3,461,242)	(3,485,347)
Other comprehensive income	(809,567)	(693,172)
Surplus reserve	12,843,667	12,843,667
Retained earnings	48,640,917	48,665,500
Total shareholders' equity	139,281,307	139,103,406
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	323,197,347	314,718,442

The financial statements have been signed by:

Chairman: Zheng Xuexuan

Chief Finance Officer: Wang Yunlin

Head of the Finance Department: Xie Song

The accompanying notes form an integral part of these financial statements.

COMPANY INCOME STATEMENT

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Note XV	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Revenue	4	38,430,927	47,700,121
Less: Cost of sales	4	36,069,290	45,965,774
Taxes and surcharges		41,103	28,149
General and administrative expenses		599,840	614,432
Research and development expenses		56,265	89,167
Finance expenses		409,043	1,206,167
Including: Interest expenses		956,886	972,918
Interest income		91,876	102,353
Add: Other income		5,438	4,673
Investment income	5	10,223,126	23,554,365
Including: Share of losses of associates and joint ventures		(136,067)	(97,991)
Derecognition loss of financial assets measured at amortized cost		(715)	–
Losses from changes in fair value		(11,893)	–
Credit impairment losses		(638,012)	(463,071)
Asset impairment losses		(18,986)	(36,519)
Gains/(Losses) on disposals of assets		168	(295)
Operating profit		10,815,227	22,855,585
Add: Non-operating income		2,065	534
Less: Non-operating expenses		144,554	93,956
Profit before income taxes		10,672,738	22,762,163
Less: Income tax expenses		(65,862)	(108,604)
Profit		10,738,600	22,870,767
Including: Profit from continuing operations		10,738,600	22,870,767
Other comprehensive income, net of tax		(77,063)	30,395
Other comprehensive income that will not be reclassified to profit or loss		30,223	7,416
Remeasurement gains or losses of a defined benefit plan		10	–
Changes in fair value of investments in other equity instruments		30,213	7,416
Other comprehensive income that may be reclassified to profit or loss		(107,286)	22,979
Shares of other comprehensive losses that will be reclassified subsequently into profit or loss by the investee under equity method		(106)	(283)
Exchange differences on translation of foreign currency financial statements		(107,180)	23,262
Total comprehensive income		10,661,537	22,901,162

The financial statements have been signed by:

Chairman: Zheng Xuexuan

Chief Finance Officer: Wang Yunlin

Head of the Finance Department: Xie Song

The accompanying notes form an integral part of these financial statements.

COMPANY STATEMENT OF CHANGES IN EQUITY

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Paid-in capital	Other equity instruments Perpetual bonds	Capital reserves	Less: Treasury shares	Other comprehensive incomes	Special reserves	Surplus reserves	Retained earnings	Total shareholders' equity
I. Balance at the beginning of period	41,948,168	10,000,000	29,824,590	(3,485,347)	(693,172)	-	12,843,667	48,665,500	139,103,406
II. Changes for the period									
1. Total comprehensive income	-	-	-	-	(77,063)	-	-	10,738,600	10,661,537
2. Owners' contributions and reductions in capital									
(1) Capital contributions by the holders of other equity instruments	-	-	318,879	-	-	-	-	-	318,879
(2) Buyback and cancellation of locked restricted shares	(7,309)	-	(16,796)	24,105	-	-	-	-	-
3. Profit distribution									
(1) Profit distribution to shareholders	-	-	-	-	-	-	-	(10,485,215)	(10,485,215)
(2) Profit distribution to holders of other equity instruments	-	-	-	-	-	-	-	(317,300)	(317,300)
4. Special reserve									
(1) Extraction for the period ended 30 June 2022	-	-	-	-	-	373,083	-	-	373,083
(2) Use for the period ended 30 June 2022	-	-	-	-	-	(373,083)	-	-	(373,083)
5. Transfer within equity									
(1) Other comprehensive income transferring to retained earnings	-	-	-	-	(39,332)	-	-	39,332	-
III. Balance at the end of period	41,940,859	10,000,000	30,126,673	(3,461,242)	(809,567)	-	12,843,667	48,640,917	139,281,307

The accompanying notes form an integral part of these financial statements.

COMPANY STATEMENT OF CHANGES IN EQUITY (continued)

For the year ended 30 June 2021

(All amounts in RMB Thousand Yuan unless otherwise stated)

	Paid-in capital	Other equity instruments Perpetual bonds	Capital reserves	Less: Treasury shares	Other comprehensive incomes	Special reserves	Surplus reserves	Retained earnings	Total shareholders' equity
I. Balance at the beginning of period	41,965,072	10,000,000	29,016,685	(4,204,385)	(738,725)	25,106	10,101,632	33,307,760	119,473,145
II. Changes for the period									
1. Total comprehensive income	-	-	-	-	30,395	-	-	22,870,767	22,901,162
2. Owners' contributions and reductions in capital									
(1) Capital contributions by the holders of other equity instruments	-	-	412,960	-	-	-	-	-	412,960
(2) Buyback and cancellation of locked restricted shares	(16,904)	-	(40,495)	57,399	-	-	-	-	-
3. Profit distribution									
(1) Profit distribution to shareholders	-	-	-	-	-	-	-	(9,006,272)	(9,006,272)
(2) Profit distribution to holders of other equity instruments	-	-	-	-	-	-	-	(314,300)	(314,300)
4. Special reserve									
(1) Extraction for the period ended 30 June 2021	-	-	-	-	-	263,592	-	-	263,592
(2) Use for the period ended 30 June 2021	-	-	-	-	-	(288,698)	-	-	(288,698)
III. Balance at the end of period	41,948,168	10,000,000	29,389,150	(4,146,986)	(708,330)	-	10,101,632	46,857,955	133,441,589

The financial statements have been signed by:

Chairman: Zheng Xuexuan

Chief Finance Officer: Wang Yunlin

Head of the Finance Department: Xie Song

The accompanying notes form an integral part of these financial statements.

COMPANY STATEMENT OF CASH FLOWS

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
I. Cash flows from operating activities		
Cash receipts from sales of goods and rendering of services	36,268,913	49,220,209
Refund of taxes and surcharges	6,580	8,227
Cash receipts relating to other operating activities	743,536	2,964,542
Sub-total cash flows from operating activities	37,019,029	52,192,978
Cash payments for goods and services	35,712,311	42,752,025
Cash payments to and on behalf of employees	1,217,211	952,859
Payments of taxes and surcharges	1,706,273	1,333,992
Cash payments relating to other operating activities	1,256,727	2,624,028
Sub-total cash flows used in operating activities	39,892,522	47,662,904
Net cash flows (used in)/from operating activities	(2,873,493)	4,530,074
II. Cash flows from investing activities		
Cash receipts from disposal of investments	267,853	149,118
Cash receipts from returns on investments	7,307,815	18,066,567
Net cash receipts from disposal of fixed assets, intangible assets and other long-term assets	385	13,860
Cash receipts relating to other investing activities	892,806	155,618
Sub-total cash flows from investing activities	8,468,859	18,385,163
Cash payments to acquire fixed assets, intangible assets and other long-term assets	112,703	73,059
Cash payments for investments	2,421,163	15,159,624
Cash payments relating to other investing activities	2,739,350	6,164
Sub-total cash flows used in investing activities	5,273,216	15,238,847
Net cash flows from investing activities	3,195,643	3,146,316

The accompanying notes form an integral part of these financial statements.

COMPANY STATEMENT OF CASH FLOWS (continued)

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
III. Cash flows from financing activities		
Cash receipts from borrowings	22,500,000	24,500,000
Sub-total cash flows from financing activities	22,500,000	24,500,000
Repayments of borrowings	15,011,000	26,011,000
Cash payments for distribution of dividends or profit and interest expenses	11,401,635	9,991,206
Other cash payments relating to financing activities	273,886	1,004,992
Sub-total cash flows used in financing activities	26,686,521	37,007,198
Net cash flows used in financing activities	(4,186,521)	(12,507,198)
IV. Effect of foreign exchange rate changes on cash and cash equivalents	530,310	(86,984)
V. Net decrease in cash and cash equivalents	(3,334,061)	(4,917,792)
Add: Cash and cash equivalents at the beginning of period	21,698,933	23,663,373
VI. Cash and cash equivalents at the end of period	18,364,872	18,745,581

The financial statements have been signed by:

Chairman: Zheng Xuexuan

Chief Finance Officer: Wang Yunlin

Head of the Finance Department: Xie Song

The accompanying notes form an integral part of these financial statements.

NOTES TO THE FINANCIAL STATEMENTS

I. General information

China State Construction Engineering Corporation Limited ("the Company") was established as a joint stock limited company under the People's Republic of China ("PRC") laws and regulations in accordance with the approval of Guo Zi Gai Ge [2007] No. 1495 issued by State-owned Assets Supervision and Administration Commission of the State Council ("SASAC") on 6 December 2007. The founder-members of the Company are China State Construction Engineering Corporation ("CSCEC"), China National Petroleum Corporation, Baosteel Group Corporation and Sinochem Corporation (the latter three are called by "other founder-members").

In November 2017, after approval by SASAC, CSCEC was transformed from a wholly people-owned enterprise to a wholly state-owned company. After the transformation, the Company's name was changed to China State Construction Engineering Co., Ltd. ("CSCEC"), and its contributor was SASAC who represents the State Council.

The Company was established on 10 December 2007 in Beijing, PRC, and its head quarter is situated in Beijing, PRC. The parent company and the ultimate parent company of the Company is CSCEC. The Company was listed on Shanghai Stock Exchange ("A shares") for trading in July 2009. As at 30 June 2022, total share capital of the Company was approximately RMB41.9 billion at the par value of RMB1.00 per share. As at 30 June 2022, CSCEC held approximately 23,630,700,000 shares, representing 56.34% of the total share capital.

The approved scope of business of the Company and its subsidiaries (together "the Group") includes survey, design, construction, installation, consultation, development, decoration service, manufacturing, wholesale, retail and imports and exports. The core operations include: offering a full range of construction-related services to foreign and domestic civil engineering and building construction such as construction, installation and consultation, investment and construction of infrastructure projects, foreign and domestic real estate investment and development, architecture and infrastructure construction survey and design, decoration engineering, landscape engineering design and construction, industrial investment, contracting for foreign projects in PRC, import and export, production and distribution of construction materials and other non-metal mineral products, construction-related metalwork and tools and construction engineering and drilling equipment, and financial business such as lending and borrowing within the Group.

These financial statements are authorised for issue by the Company's Board of Directors on 29 August 2022.

Please refer to Note VI for details of significant subsidiaries included in the consolidation scope in the current year. The Group does not have any significant subsidiaries newly included in the consolidation scope or excluded from the consolidation scope in the current year.

II. Basis of preparation of the financial statements

These financial statements have been prepared in accordance with the Accounting Standards for Business Enterprises – Basic Standard and specific accounting standards, implementation guidance, interpretations, other relevant regulations issued subsequently by the Ministry of Finance (the "MOF") (hereinafter collectively referred to as "ASBEs").

The financial statements have been presented on a going concern basis.

The financial statements have been prepared under the historical cost convention, except for certain financial instruments. If the assets are impaired, corresponding provisions for impairment shall be made according to relevant requirements.

III. Significant accounting policies and estimates

Specific accounting policies and estimates were decided by the Group according to the characteristics of its production and operation, mainly including measurement of expected credit losses on receivables and contract assets, valuation method of inventories, recognition and measurement of revenue.

1. Statement of compliance with ASBEs

The consolidated and company financial statements present fairly and fully the financial position of the Group and the Company as at 30 June 2022, and the financial performance and the cash flows for the six months ended 30 June 2022 in accordance with ASBEs.

2. Accounting period

The accounting year of the Group is from 1 January to 31 December of each calendar year.

3. Functional currency

The Group's reporting and presentation currency is Renminbi ("RMB"). Unless otherwise specified, all are expressed in thousands of RMB.

Each subsidiary, joint venture or associate of the Group determines its own functional currency based on the primary economic environment in which it operates. In preparation of the financial statements, their functional currencies are translated into RMB.

III. Significant accounting policies and estimates (continued)

4. Business combinations

Business combinations are classified into business combinations involving entities under common control and business combinations not involving entities under common control.

Business combinations involving entities under common control

A business combination involving entities under common control is a business combination in which all of the combining entities are ultimately controlled by the same party or parties both before and after the combination, and that control is not transitory.

The assets and liabilities (including goodwill arising from the ultimate controlling party's acquisition of the entity being absorbed) that are obtained by the absorbing entity in a business combination involving entities under common control shall be measured on the basis of their carrying amounts in the financial statements of the ultimate controlling party at the combination date. The difference between the carrying amount of the net assets obtained and the carrying amount of the consideration paid for the combination (or the aggregate face value of shares issued as consideration) shall be adjusted to share premium under capital reserve. If the capital premium is not sufficient to absorb the difference, any excess shall be adjusted against retained earnings.

Business combinations not involving entities under common control

A business combination not involving entities under common control is a business combination in which all of the combining entities are not ultimately controlled by the same party or parties both before and after the combination.

The acquirer shall measure the acquiree's identifiable assets, liabilities and contingent liabilities acquired in the business combination at their fair values on the acquisition date. Goodwill is initially recognised and measured at cost, being the excess of the aggregate of the fair value of the consideration transferred (or the fair value of the equity securities issued) and any fair value of the Group's previously held equity interest in the acquiree over the Group's interest in the fair value of the acquiree's net identifiable assets. After initial recognition, goodwill is measured at cost less any accumulated impairment losses. Where the aggregate of the fair value of the consideration transferred (or the fair value of the equity securities issued) and any fair value of the Group's previously held equity interest in the acquiree is lower than the Group's interest in the fair value of the acquiree's net identifiable assets, the Group reassesses the measurement of the fair value of the acquiree's identifiable assets, liabilities

and contingent liabilities and the fair value of the consideration transferred (or the fair value of the equity securities issued), together with the fair value of the Group's previously held equity interest in the acquiree. If after that reassessment, the aggregate of the fair value of the consideration transferred (or the fair value of the equity securities issued) and the Group's previously held equity interest in the acquiree is still lower than the Group's interest in the fair value of the acquiree's net identifiable assets, the Group recognises the remaining difference in profit or loss.

Where a business combination not involving enterprises under common control is achieved through multiple transactions in stages, the long-term equity investments held in the acquiree before the acquisition date are remeasured at fair value at the acquisition date, with any difference between the fair value and the carrying amount included in investment income for the current period. Where the long-term equity investments held in the acquiree before the acquisition date relates to other comprehensive income measured under the equity method, the accounting treatment shall be conducted on the same basis as the direct disposal of related assets or liabilities by the invested entity, other changes in shareholders' equity except net profit or loss, other comprehensive income and profit distribution shall be transferred to income for the period in which the acquisition date falls. Where the equity instrument investments are held in the acquiree before the acquisition date, accumulated changes in the fair value of other comprehensive income of those equity instrument investment before the acquisition date are transferred to retained earnings.

5. Consolidated financial statements

The scope of the consolidated financial statements, which include the financial statements of the Company and all of its subsidiaries, is determined on the basis of control. Subsidiary refers to the entity controlled by the company (including the divisible parts of the enterprises, the invested units, and the structured entities controlled by the company, etc).

In the preparation of the consolidated financial statements, where the accounting policies of a subsidiary are different from those of the Company have made adjustments to the financial statements of the subsidiary based on the Company's own accounting policies. Where the accounting period of a subsidiary is different from that of the Company, the Company has adjusted the financial statements of the subsidiary based on the Company's own accounting period. All intra-group assets, liabilities, equity, income, expenses and cash flows relating to transactions between members of the Group are eliminated in full on consolidation.

III. Significant accounting policies and estimates (continued)

5. Consolidated financial statements (continued)

Where the loss for the current period attributable to non-controlling interests of a subsidiary exceeds the non-controlling interests of the opening balance of equity of the subsidiary, the excess shall still be allocated against the non-controlling interests.

For subsidiaries acquired through business combinations not involving entities under common control, the financial performance and cash flows of the acquiree shall be consolidated from the date on which the Group obtains control, and continue to be consolidated until the date such control ceases. While preparing the consolidated financial statements, the Group shall adjust the subsidiary's financial statements, on the basis of the fair values of the identifiable assets, liabilities and contingent liabilities recognised on the acquisition date.

For subsidiaries acquired through business combinations involving entities under common control, the financial performance and cash flows of the entity being absorbed shall be consolidated from the beginning of the period in which the combination occurs. While preparing the comparative financial statements, adjustments are made to related items in the financial statements for the prior period as if the reporting entity after the combination has been in existence since the date the ultimate controlling party first obtained the control.

The Group reassesses whether or not it controls an investee if any changes in facts and circumstances indicate that there are changes to one or more of the three elements of control.

A change in the non-controlling interests, without a loss of control, is accounted for as an equity transaction.

If the accounting treatment of a transaction is inconsistent in the financial statements at the Group level and at the Company or its subsidiary level, adjustment will be made from the perspective of the Group.

6. Classification of joint arrangement and joint operation

A joint arrangement is classified as either a joint operation or a joint venture. A joint operation is a joint arrangement whereby the joint operators have rights to the assets, and obligations for the liabilities, relating to the arrangement. A joint venture is a joint arrangement whereby the joint operators have rights to the net assets of the arrangement.

A joint operator recognises the following items in relation to its interest in a joint operation: its solely-held assets and its share of any assets held jointly; its solely-assumed liabilities and its share of any liabilities incurred jointly; its revenue from the sale of its share of the output arising from the joint operation; its share of the revenue from the sale of the output by the joint operation; its solely-incurred expenses and its share of any expenses incurred jointly.

7. Cash and cash equivalents

Cash comprises the Group's cash on hand and bank deposits that can be readily withdrawn on demand. Cash equivalents are short-term, highly liquid investments that are readily convertible into known amounts of cash, and are subject to an insignificant risk of changes in value.

8. Foreign currency transactions and foreign currency translation

The Group translates foreign currency transactions into its functional currency.

Foreign currency transactions are initially recorded, on initial recognition in the functional currency using the spot exchange rates prevailing at the dates of transactions in which the transactions occur. Monetary items denominated in foreign currencies are translated at the spot exchange rates ruling at the balance sheet date. Differences arising on settlement or translation of monetary items are recognised in profit or loss, with the exception of those relating to foreign currency borrowings specifically for the construction and acquisition of qualifying assets, which are capitalised in accordance with the guidance for capitalisation of borrowing costs. Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates at the dates of the initial transactions, and the amount denominated in the functional currency is not changed. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value was measured. The resulting exchange differences are recognised in profit or loss or other comprehensive income depending on the nature of the non-monetary items.

For foreign operations, the Group translates their functional currency amounts into RMB when preparing the financial statements as follows: as at the balance sheet date, the assets and liabilities are translated using the spot exchange rates at the balance sheet date, and equity items other than "unappropriated profit" are translated at the spot exchange rates at the dates of transactions; revenue and expense items in profit or loss are translated using the average exchange rates (unless this average rate is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case income and expenses are translated using the spot exchange rates prevailing on the dates of the transactions). The resulting exchange differences are recognised in other comprehensive income. On disposal of a foreign operation, the component of other comprehensive income relating to that particular foreign operation is recognised in profit or loss. If the disposal only involves a portion of a particular foreign operation, the component of other comprehensive income relating to that particular foreign operation is recognised in profit or loss on a pro-rata basis.

Foreign currency cash flows and the cash flows of foreign subsidiaries are translated using the average exchange rates (unless this average rate is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case cash flows are translated using the spot exchange rates prevailing on the dates of cash flows). The effect of exchange rate changes on cash is separately presented as an adjustment item in the statement of cash flows.

III. Significant accounting policies and estimates (continued)

9. Financial instruments

A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity.

Recognition and derecognition

The Group recognises a financial asset or a financial liability when it becomes a party to the contractual provisions of a financial instrument.

A financial asset (or, where applicable, a part of a financial asset or part of a group of similar financial assets) is primarily derecognised (i.e., removed from the Group's consolidated balance sheet) when:

- (1) the rights to receive cash flows from the financial asset have expired; or
- (2) the Group has transferred its rights to receive cash flows from the financial asset, or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a "pass-through" arrangement; and either (a) has transferred substantially all the risks and rewards of the financial asset, or (b) has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the financial asset.

A financial liability is derecognised when the obligation under the liability is discharged, cancelled, or expired. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and a recognition of a new liability, and the difference between the respective carrying amounts is recognised in profit or loss.

Regular way purchases and sales of financial assets are recognised and derecognised using trade date accounting. Regular way purchases and sales are purchases or sales of financial assets that require delivery within the period generally established by regulation or convention in the marketplace. The trade date is the date that the Group committed to purchase or sell a financial asset.

Contract change due to benchmark interest rate reform

Due to the benchmark interest rate reform, the terms of some financial instruments of the group have been modified to replace the original benchmark interest rate with the alternative benchmark interest rate, and other modifications have been made to the terms of financial instruments.

For financial assets or financial liabilities measured by the effective interest method, the group will not evaluate whether the change leads to derecognition or adjust the book balance of the financial assets or financial liabilities only if the determination basis of the contract cash flow is changed directly due to the reform of the benchmark interest rate, and the determination basis before and after the change is economically equivalent. The group recalculates the effective interest rate according to the changed future cash flow and makes subsequent measurement on this basis. In case of other changes in financial assets or financial liabilities at the same time, the group shall first carry out accounting treatment for the changes caused by the benchmark interest rate reform in accordance with the above provisions, and then evaluates whether other changes lead to substantive changes.

Classification and measurement of financial assets

The classification of financial assets at initial recognition depends on the financial asset's contractual cash flow characteristics and the Group's business model for managing them: financial assets at amortised cost, financial assets at fair value through other comprehensive income and financial assets at fair value through profit or loss. All affected related financial assets will be reclassified only if the Group changes its business model for managing financial assets.

Financial assets are measured at fair value on initial recognition, but accounts receivable or notes receivable arising from the sale of goods or rendering of services that do not contain significant financing components or for which the Group has applied the practical expedient of not adjusting the effect of a significant financing component due within one year, are initially measured at the transaction price.

For financial assets at fair value through profit or loss, relevant transaction costs are directly recognised in profit or loss, and transaction costs relating to other financial assets are included in the initial recognition amounts.

The subsequent measurement of financial assets depends on their classification as follows:

Debt investments measured at amortised cost

The Group measures financial assets at amortised cost if both of the following conditions are met: the financial asset is held within a business model with the objective to hold financial assets in order to collect contractual cash flows; the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding. Financial assets at amortised cost are subsequently measured using the effective interest method and are subject to impairment. Gains and losses are recognised in profit or loss when the asset is derecognised, modified or impaired.

III. Significant accounting policies and estimates (continued)

9. Financial instruments (continued)

Classification and measurement of financial assets (continued)

Debt investments at fair value through other comprehensive income

The Group measures debt investment held at fair value through other comprehensive income if both of the following conditions are met: the financial asset is held within a business model with the objective of both holding to collect contractual cash flows and selling; the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding. Interest income is recognised using the effective interest method. The interest income, impairment losses and foreign exchange revaluation are recognised in profit or loss. The remaining fair value changes are recognised in other comprehensive income. Upon derecognition, the cumulative fair value change recognised in other comprehensive income is recycled to profit or loss.

Equity investments at fair value through other comprehensive income

The Group can elect to classify irrevocably its equity investments which are not held for trading as equity investments designated at fair value through other comprehensive income. Only the relevant dividend income (excluding the dividend income explicitly recovered as part of the investment cost) is recognised in profit or loss. Subsequent changes in the fair value are included in other comprehensive income, and no impairment allowance is made. When the financial asset is derecognised, the accumulated gains or losses previously included in other comprehensive income are transferred from other comprehensive income to retained earnings.

Financial assets at fair value through profit or loss

The financial assets other than the above financial assets measured at amortised cost and financial assets at fair value through other comprehensive income are classified as financial assets at fair value through profit or loss. Such financial assets are subsequently measured at fair value with net changes in fair value recognised in profit or loss.

Classification and measurement of financial liabilities

Except for the financial guarantee contracts issued and the financial liabilities caused by financial assets that do not qualify for derecognition or by continuing involvement in transferred assets, the Group's financial liabilities are, on initial recognition, classified into financial liabilities at fair value through profit or loss, or financial liabilities at amortised cost. For financial liabilities at fair value through profit or loss, relevant transaction costs are directly recognised in profit or loss, and transaction costs relating to financial liabilities at amortised cost are included in the initial recognition amounts.

The subsequent measurement of financial liabilities depends on their classification as follows:

Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss consist of financial liabilities held for trading (including derivative instruments that are financial liabilities) and those designated upon initial recognition as at fair value through profit or loss. Financial liabilities held for trading (including derivative instruments that are financial liabilities) are subsequently measured at fair value. All changes in fair value of such financial liabilities are recognised in profit or loss. Financial liabilities designated at fair value through profit or loss are subsequently measured at fair value and gains or losses are recognised in profit or loss, except for the gains or losses arising from the Group's own credit risk which are presented in other comprehensive income. If gains or losses arising from the Group's own credit risk which are presented in other comprehensive income will lead to or expand accounting mismatch in profit or loss, the Group will include all the changes in fair value (including the amount affected by changes in the Group's own credit risk) of such financial liabilities in profit or loss.

Financial liabilities at amortised cost

For such financial liabilities, the effective interest rate method is adopted and the subsequent measurement is carried out according to the amortized cost.

Impairment of financial assets

Based on the expected credit losses ("ECLs"), the Group recognises an allowance for ECLs for the financial assets measured at amortised cost, debt investments at fair value through other comprehensive income, lease receivables, contract assets, and financial guarantee contracts.

III. Significant accounting policies and estimates (continued)

9. Financial instruments (continued)

Impairment of financial assets (continued)

For accounts receivable and contract assets excluding significant financing components, the Group applies the simplified approach to recognise a loss allowance based on lifetime ECLs.

For accounts receivable and contract assets including significant financing components and lease receivable, the Group applies the simplified approach to recognise a loss allowance based on lifetime ECLs.

Except for financial assets which apply the simplified approach as mentioned above, the Group assesses whether the credit risks of other financial assets and financial guarantee contracts has increased significantly since initial recognition at each end of the reporting period. If the credit risk has not increased significantly since initial recognition (stage 1), the loss allowance is measured at an amount equal to 12-month ECLs by the Group and the interest income is calculated according to the carrying amount and the effective interest rate; if the credit risk has increased significantly since initial recognition but are not credit-impaired (stage 2), the loss allowance is measured at an amount equal to lifetime ECLs by the Group and the interest income is calculated according to the carrying amount and the effective interest rate; if such financial assets are credit-impaired after initial recognition (stage 3), the loss allowance is measured at an amount equal to lifetime ECLs by the Group and the interest income is calculated according to the amortised cost and the effective interest rate. If the credit risk of financial instruments is low at the end of the reporting period, the Group assumes that the credit risk has not increased significantly since initial recognition.

The Group assesses the expected credit loss of financial instruments based on individual and portfolio. Taking into account the credit risk characteristics of different customers, the Group evaluates the expected credit loss of accounts receivable and contract assets on the basis of ageing portfolio.

In case the ECLs of individually assessed accounts receivable and contract assets cannot be evaluated with reasonable cost, the Group divides accounts receivable and contract assets into certain groupings based on credit risk characteristics, and calculates the ECLs of the groupings of accounts receivable. The groupings of accounts receivable are as follows:

Grouping 1	Due from government, authorities and central state-owned enterprises
Grouping 2	Due from overseas and enterprises
Grouping 3	Due from other customers

The Group, with consideration to historical credit loss experience, current conditions and forecasts of future economic conditions, prepares the cross-reference between the ageing of accounts receivable and the lifetime ECLs rates, and calculates the ECLs of the groupings of contract assets. The groupings of contract assets are as follows:

Grouping 1	Engineering projects
Grouping 2	Real estate projects
Grouping 3	Unmatured warranties
Grouping 4	Investments not confirmed by projects owner
Grouping 5	Primary land development projects
Grouping 6	Other contract assets

Based on the exposure at default and the lifetime ECLs rate, the Group calculates the ECLs of contract assets that are classified into groupings with consideration to historical credit losses experience, current conditions and forecasts of future economic conditions.

For long-term receivables arising from sales of goods or rendering of services in the ordinary course of the activities, such as receivables for BT projects, receivables for primary land development, advances for demolition, and receivables for other infrastructure projects, the Group calculates the ECLs through default risk exposure and the lifetime ECLs rate, on the basis of historical credit loss experience, the current conditions and forecasts of future economic conditions. Based on the exposure at default and the 12-month/lifetime ECLs rate, the Group calculates the ECLs of other long-term receivables with consideration of historical credit loss experience, the current conditions and forecasts of future economic conditions.

In the case where the ECLs of other receivables individually assessed cannot be evaluated with reasonable cost, the Group divides other receivables into certain groupings based on credit risk characteristics, and calculates the ECLs for the groupings. The groupings of other receivables are as follows:

Grouping 1	Guarantees, deposits and reserves receivables
Grouping 2	Advances receivable
Grouping 3	Other receivables

The Group, on the basis of the exposure at default and the 12-month/lifetime ECLs rate, calculates the ECLs of other receivables that are classified into groupings with consideration to historical credit loss experience, the current conditions and forecasts of future economic conditions.

The Group's judgement criteria for a significant increase of credit risk, the definition of credit-impaired assets are disclosed in Note VIII. 3.

III. Significant accounting policies and estimates (continued)

9. Financial instruments (continued)

Impairment of financial assets (continued)

The factors reflected in the Group's method of measuring the expected credit losses of financial instruments include: the unbiased probability weighted average amount determined by evaluating a series of possible results, the time value of money, and the reasonable and reliable information about past events, current conditions and future economic conditions that can be obtained without unnecessary extra costs or efforts on the balance sheet date.

When the Group no longer reasonably expects to be able to recover all or part of the contractual cash flows of a financial asset, the Group directly writes down the carrying amount of the financial asset.

Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the balance sheet if there is a currently enforceable legal right to offset the recognised amounts; and there is an intention to settle on a net basis, or to realise the assets and settle the liabilities simultaneously.

Financial guarantee contracts

Financial guarantee contracts are those contracts that require a payment to be made by the issuer to reimburse the holder for a loss it incurs because the specified debtor fails to make a payment when due in accordance with the terms of a debt instrument. Financial guarantee contracts are measured, on initial recognition, at fair value. For financial guarantee contracts that are not designated as financial liabilities at fair value through profit or loss, they are, after initial recognition, subsequently measured at the higher of: (i) the amount of provisions for ECLs at the balance sheet date, and (ii) the amount initially recognised less the cumulative amortisation recognised in accordance with the guidance for revenue recognition.

Transfer of financial assets

A financial asset is derecognised when the Group has transferred substantially all the risks and rewards of the asset to the transferee. A financial asset is not derecognised when the Group retains substantially all the risks and rewards of the financial asset.

When the Group has neither transferred nor retained substantially all the risks and rewards of the financial asset, it either (i) derecognises the financial asset and recognises the assets and liabilities created in the transfer when it has not retained control of the asset; or (ii) continues to recognise the transferred asset to the extent of the Group's continuing involvement, in which case, the Group also recognises an associated liability.

Continuing involvement that takes the form of a guarantee over the transferred financial asset is measured at the lower of the original carrying amount of the financial asset and the guarantee amount. The guarantee amount is the maximum amount of consideration that the Group could be required to repay.

10. Inventories

The inventories include inventories of raw materials, work in progress, finished goods, turnover materials, properties under development and completed properties for sale, etc.

Inventories are initially carried at cost. Cost of inventories comprises all costs of purchase, laid down cost, costs of conversion and other costs.

Cost is determined using the first-in first-out or weighted average method when raw materials, turnover materials, work in progress and finished goods are delivered. The cost of finished goods and work in progress comprises raw materials, direct labour and systematically allocated production overhead based on the normal production capacity.

Properties under development and completed properties for sale mainly include costs for acquiring the land use rights, expenditures of basic facilities, expenditures of construction and installation work, borrowing costs incurred before the completion of development. Properties under development will be carried forward to the completed properties for sale according to the actual cost after the completion of the project, completed properties for sale are measured at actual cost.

Turnover materials are amortised based upon numbers of usage.

The Group adopts the perpetual inventory system.

At the end of the reporting period, inventories are stated at the lower of cost and net realisable value. The inventories are written down below cost to net realisable value and the write-down is recognised in profit or loss if the cost is higher than the net realisable value. Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale and relevant taxes. For inventories with large quantity and low values, provision for decline in value is made based on categories of inventories, and other inventories are written down item by category. Items of inventories relating to the same product line that have the same or similar end uses or purposes, are produced and marketed in the same geographical area, and cannot be practicably evaluated separately from other items in that product line, are grouped and written down on an aggregate basis.

III. Significant accounting policies and estimates (continued)

11. Long-term equity investments

Long-term equity investments include equity investments in subsidiaries, joint ventures and associates.

A long-term equity investment is initially measured at its initial investment cost on acquisition. For a long-term equity investment acquired through a business combination involving entities under common control, the initial investment cost of the long-term equity investment is the acquirer's share of the carrying value of shareholder's equity of the party being absorbed at the combination date. For the difference between the initial investment cost and the book value of the merger consideration, the capital reserve shall be adjusted (if it is not enough to offset, the retained earnings shall be offset); for other comprehensive income before the merger date, the accounting treatment shall be conducted on the same basis as the direct disposal of relevant assets or liabilities by the investee. The shareholder's equity recognised due to changes in other shareholders' equity of the investee other than net profit and loss, other comprehensive income and profit distribution shall be transferred to the current profit and loss when the investment is disposed of; among them, the long-term equity investment after disposal shall be carried forward proportionally, and that converted into financial instruments after disposal shall be carried forward in full. For a long-term equity investment through a business combination not involving entities under common control, the initial investment cost of the long-term equity investment is the cost of combination (for a business combination not involving entities under common control achieved in stages that involves multiple exchange transactions, the initial investment cost is carried at the aggregate of the carrying amount of the acquirer's previously held equity interest in the acquiree and the new investment cost incurred on the acquisition date), the cost of combination is the aggregate of the fair values, at the acquisition date, of the assets given, liabilities incurred or assumed, and equity securities issued by the acquirer; For other comprehensive income held before the acquisition date and recognised by the equity method, the accounting treatment shall be carried out on the same basis as the direct disposal, relevant assets or liabilities by the investee, and the shareholder's equity recognised due to changes in other shareholders' equity of the investee other than net profit and loss, other comprehensive income and profit distribution, When the investment is disposed, it is transferred to the current profit and loss; among them, the long-term equity investment after disposal is carried forward proportionally, and the financial instrument converted after disposal is carried forward in full; the accumulated fair value change of the equity investment held before the purchase date as

a financial instrument included in other comprehensive income is transferred to retained earnings when accounting by cost method. For a long-term equity investment acquired otherwise than through a business combination, the initial investment cost is determined as follows: for a long-term equity investment acquired by cash, the initial investment cost is the actual purchase price paid and direct costs, taxes and other necessary expenditures directly attributable to the acquisition of the long-term equity investment; for a long-term equity investment acquired by the issue of equity securities, the initial investment cost is the fair value of the securities issued; for a long-term equity investment acquired through exchange of non-monetary assets, the initial investment cost is determined in accordance with *Accounting Standard for Business Enterprises No. 7 – Exchange of Non-monetary Assets*; for a long-term equity investment acquired through debt restructuring, the initial investment cost is determined in accordance with *Accounting Standard for Business Enterprises No. 12 – Debt Restructuring*.

For a long-term equity investment where the Company can exercise control over the investee, the long-term investment is accounted for using the cost method in the Company's individual financial statements. Control is achieved when the Group is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee.

Under the cost method, the long-term equity investment is measured at its initial investment cost. When additional investment is made or the investment is recouped, the cost of long-term equity investment is adjusted accordingly. Cash dividends or profit distributions declared by the investee are recognised as investment income in profit or loss.

The equity method is adopted when the Group has joint control, or exercises significant influence over the investee. Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control. Significant influence is the power to participate in the financial and operating policy decisions of the investee, but is not control or joint control with other parties over those policies.

Under the equity method, where the initial investment cost of a long-term equity investment exceeds the Group's interest in the fair value of the investee's identifiable net assets at the acquisition date, no adjustment is made to the initial investment cost. Where the initial investment cost is less than the Group's interest in the fair values of the investee's identifiable net assets at the acquisition date, the difference is charged to profit or loss, and the cost of the long-term equity investment is adjusted accordingly.

III. Significant accounting policies and estimates (continued)

11. Long-term equity investments (continued)

Under the equity method, after it has acquired a long-term equity investment, the Group recognises its share of the investee's profit or loss, as well as its share of the investee's other comprehensive income, as investment income or loss and other comprehensive income, and adjusts the carrying amount of the investment accordingly. The Group recognises its share of the investee's profit or loss after making appropriate adjustments to the investee's profit or loss based on the fair value of the investee's identifiable assets at the acquisition date, using the Group's accounting policies and periods. Unrealised profits and losses from transactions with its joint ventures and associates are eliminated to the extent of the Group's investments in the associates or joint ventures (except for assets that constitute a business) (However, any loss arising from such transactions which are attributable to an impairment loss shall be recognised at its entirety). The carrying amount of the investment is reduced based on the Group's share of any profit distributions or cash dividends declared by the investee. The Group's share of net losses of the investee is recognised to the extent that the carrying amount of the investment together with any long-term interests that in substance form part of its net investment in the investee is reduced to zero, except that the Group has the obligations to assume further losses. The Group's share of the investee's equity changes, other than those arising from the investee's profit or loss, other comprehensive income or profit distribution, is recognised in the Group's equity, and the carrying amount of the long-term equity investment is adjusted accordingly.

Upon disposal of a long-term equity investment, the difference between the proceeds actually received and the carrying amount is recognised in profit or loss. For a long-term equity investment accounted for using the equity method, when the Group discontinues using the equity method due to disposal, all amounts previously recognised in other comprehensive income are accounted for on the same basis as would have been required if the investee had directly disposed of the related assets or liabilities. Equity previously recognised resulting from the investee's equity changes other than profit or loss, other comprehensive income and profit distribution is reclassified to profit or loss in its entirety. When the Group continues to use

the equity method, the amounts previously recognised in other comprehensive income are accounted for on the same basis as would have been required if the investee had directly disposed of the related assets or liabilities and reclassified to profit or loss on a pro-rata basis. Equity previously recognised resulting from the investee's equity changes other than profit or loss, other comprehensive income and profit distribution is reclassified to profit or loss on a pro-rata basis.

12. Investment properties

Investment properties are properties held to earn rental income and/or for capital appreciation. Investment properties include land use rights leased out, land use rights held for transfer upon capital appreciation, and buildings leased out.

An investment property is measured initially at cost. If the economic benefits relating to an investment property will probably flow in and the cost can be reliably measured, subsequent costs incurred for the property are included in the cost of the investment property. Otherwise, subsequent costs are recognised in profit or loss as incurred.

The Group uses the cost model for the subsequent measurement of its investment properties. Buildings and land use rights are depreciated or amortised according to their service life and estimated net residual values rate.

13. Fixed assets

A fixed asset is recognised only when the economic benefits associated with the asset will probably flow into the Group and the cost of the asset can be measured reliably. Subsequent expenditures incurred for a fixed asset that meets the recognition criteria shall be included in the cost of the fixed asset, and the carrying amount of the component of the fixed asset that is replaced shall be derecognised. Otherwise, such expenditures are recognised in profit or loss as incurred.

Fixed assets are initially measured at cost. The cost of a purchased fixed asset comprises the purchase price, relevant taxes and any directly attributable expenditure for bringing the asset to working condition for its intended use.

In addition to the safety production expenses extracted, depreciation of fixed assets is calculated using the straight-line method. The useful lives, estimated net residual value rates and annual depreciation rates of each category of the fixed assets are as follows:

	Useful life	Estimated net residual value rate	Annual depreciation rate
Buildings	8 to 35 years	0% to 5%	2.71% to 12.50%
Machinery and equipment	5 to 14 years	0% to 5%	6.79% to 20.00%
Motor vehicles	3 to 10 years	0% to 5%	9.50% to 33.33%
Office equipment, temporary facilities and others	5 to 10 years	0% to 5%	9.50% to 20.00%

The Group reviews the useful life and estimated net residual value of a fixed asset and the depreciation method applied at least at each year end, and make adjustments if necessary.

III. Significant accounting policies and estimates (continued)

14. Construction in progress

The cost of construction in progress is determined according to the actual expenditures incurred for the construction, including all necessary construction expenditures incurred during the construction period, borrowing costs that shall be capitalised before the construction is ready for its intended use, and other relevant expenditures.

Construction in progress is transferred to fixed assets when it is ready for its intended use.

15. Borrowing costs

The borrowing costs that are directly attributable to the acquisition, construction or production of a qualifying asset are capitalised. The amounts of other borrowing costs incurred are recognised as an expense in the period in which they are incurred. Qualifying assets are assets that necessarily take a substantial period of time of acquisition, construction or production to get ready for their intended use or sale.

The capitalisation of borrowing costs commences only when all of the following conditions are satisfied:

- (1) expenditures for the asset have been incurred;
- (2) borrowing costs have been incurred; and
- (3) activities that are necessary to acquire, construct or produce the asset for its intended use or sale have been undertaken.

Capitalisation of borrowing costs ceases when the qualifying asset being acquired, constructed or produced gets ready for its intended use or sale. Any borrowing costs subsequently incurred are recognised in profit or loss.

During the capitalisation period, the amount of interest eligible for capitalisation for each accounting period shall be determined as follows:

- (1) where funds are borrowed specifically for the purpose of obtaining a qualifying asset, the amount of interest eligible for capitalisation is the actual interest costs incurred on that borrowing for the period less any bank interest earned from depositing the borrowed funds before being used on the asset or any investment income on the temporary investment of those funds; or
- (2) where funds are borrowed generally for the purpose of obtaining a qualifying asset, the amount of interest eligible for capitalisation is determined by applying a weighted average interest rate on the general borrowings to the weighted average of the excess of the cumulative expenditures on the asset over the expenditures on the asset funded by the specific borrowings.

Capitalisation of borrowing costs is suspended during periods in which the acquisition, construction or production of a qualifying asset is suspended abnormally by activities other than those necessary to get the asset ready for its intended use or sale, when the suspension is for a continuous period of more than 3 months. Borrowing costs incurred during these periods are recognised as an expense in profit or loss until the acquisition, construction or production is resumed.

16. Right-of-use assets

At the commencement date of the lease, the Group recognises its right to use the leased asset within the lease term as the right to use assets at cost. The cost of right of use assets includes: the initial measurement amount of the lease liability; For the lease payment paid on or before the beginning of the lease term, if lease incentive exists, the relevant amount of lease incentive used shall be deducted; Initial direct expenses incurred by the lessee; The estimated cost incurred by the lessee for dismantling and removing the leased asset, restoring the site where the leased asset is located or restoring the leased asset to the condition agreed in the lease terms. If the Group remeasures lease liabilities due to changes in lease payments, the carrying amount of the right of use assets shall be adjusted accordingly. The Group subsequently depreciates the right of use assets by using the straight-line method. If the ownership of the leased asset is obtained at the expiration of the lease term by reasonable anticipation, the group accrues depreciation within the remaining service life of the leased asset. If the ownership of the leased asset cannot be obtained at the expiration of the lease term by reasonable anticipation, the group accrues depreciation within the shorter of the lease term and the remaining service life of the leased asset.

17. Intangible assets

An intangible asset shall be recognised only when it is probable that the economic benefits associated with the asset will flow to the Group and the cost of the asset can be measured reliably. Intangible assets are measured initially at cost. However, intangible assets acquired in a business combination not involving entities under common control with a fair value that can be measured reliably are recognised separately as intangible assets and initially measured at the fair value at the date of acquisition.

The useful life of an intangible asset is determined according to the period over which it is expected to generate economic benefits for the Group. An intangible asset is regarded as having an indefinite useful life when there is no foreseeable limit to the period over which the asset is expected to generate economic benefits for the Group.

III. Significant accounting policies and estimates (continued)

17. Intangible assets (continued)

Land use rights that are purchased by the Group are accounted for as intangible assets. Buildings, such as plants that are developed and constructed by the Group, and relevant land use rights are accounted for as fixed assets and intangible assets, respectively. Payments for the land and buildings purchased are allocated between the land use rights and the buildings; they are accounted for as fixed assets if they cannot be reasonably allocated.

The Group is involved in a number of service franchising arrangements. The Group carries out infrastructure projects for the licensor in accordance with the preconditions set by the licensor in exchange for the right to operate the relevant assets. Prescribed in the contract after the completion of the infrastructure, the Group engaged in business has rights to access the service object for a certain period of time of charge with uncertain amount, those rights do not constitute an unconditional charge right which can collect the certain amount of money or other financial assets, and is attributed to intangible assets. The Group will present the franchise acquired under such franchise arrangement as an intangible asset on its balance sheet. Upon completion of the relevant infrastructure project under the franchise arrangement, the franchise shall be amortized on a straight-line basis during the franchise period.

An intangible asset with a finite useful life is amortised using the straight-line method over its useful life. For an intangible asset with a finite useful life, the Group reviews the useful life and amortisation method at least at each year end and makes adjustment if necessary.

The Group classifies the expenditures on an internal research and development project into expenditure on the research phase and expenditure on the development phase. Expenditure on the research phase is recognised in profit or loss as incurred. Expenditure on the development phase is capitalised only when the Group can demonstrate all of the following: (i) the technical feasibility of completing the intangible asset so that it will be available for use or sale; (ii) the intention to complete the intangible asset and use or sell it; (iii) how the intangible asset will generate probable future economic benefits (among other things, the Group can demonstrate the existence of a market for the output of the intangible asset or the intangible asset itself or, if it is to be used internally, the usefulness of the intangible asset); (iv) the availability of adequate technical, financial and other resources to complete the development and the ability to use or

sell the intangible asset; and (v) the ability to measure reliably the expenditure attributable to the intangible asset during the development phase. Expenditure on the development phase which does not meet these above criteria is recognised in profit or loss when incurred.

18. Impairment of assets

The Group determines the impairment of assets, other than the impairment of inventories, contract assets and contract cost assets, deferred tax assets, and financial assets, by using the following methods:

The Group assesses at the end of the reporting period whether there is any indication that an asset may be impaired. If any indication exists that an asset may be impaired, the Group estimates the recoverable amount of the asset and performs impairment testing; Goodwill arising from a business combination an intangible asset with an indefinite useful life and intangible assets that have not been ready for their intended use are tested for impairment at least at each year end, irrespective of whether there is any indication that the asset may be impaired.

The recoverable amount of an asset is the higher of its fair value less costs to sell and the present value of the future cash flows expected to be derived from the asset. The Group estimates the recoverable amount on an individual basis unless it is not possible to estimate the recoverable amount of the individual asset, in which case the recoverable amount is determined for the asset group to which the asset belongs. Identification of an asset group is based on whether major cash inflows generated by the asset group are largely independent of the cash inflows from other assets or asset groups.

When the recoverable amount of an asset or asset group is less than its carrying amount, the carrying amount is reduced to the recoverable amount by the Group. The reduction in the carrying amount is treated as an impairment loss and recognised in profit or loss. A impairment allowance loss of the asset is recognised accordingly.

For the purpose of impairment testing, the carrying amount of goodwill acquired in a business combination is allocated from the acquisition date on a reasonable basis, to each of the related asset groups unless it is impossible to allocate to the related asset groups, in which case it is allocated to each of the related sets of asset groups. Each of the related asset groups or sets of asset groups is an asset group or a set of asset groups that is expected to benefit from the synergies of the business combination and shall not be larger than a reportable segment determined by the Group.

III. Significant accounting policies and estimates (continued)

18. Impairment of assets (continued)

When testing an asset group (a set of asset groups) to which goodwill has been allocated for impairment, if there is any indication of impairment, the Group firstly tests the asset group (set of asset groups), excluding the amount of goodwill allocated, for impairment, i.e., the Group determines and compares the recoverable amount with the related carrying amount and recognises any impairment loss. After that, the Group tests the asset group (set of asset groups), including goodwill, for impairment, the carrying amount of the related asset group (set of asset groups) is compared to its recoverable amount. If the carrying amount of the asset group (set of asset groups) is higher than its recoverable amount, the amount of the impairment loss is firstly used to reduce the carrying amount of the goodwill allocated to the asset group (set of asset groups), and then used to reduce the carrying amount of other assets (other than the goodwill) within the asset group (set of asset groups), on a pro-rata basis of the carrying amount of each asset.

Once the above impairment loss is recognised, it cannot be reversed in subsequent accounting periods.

19. Long-term prepaid expenses

Long-term prepaid expenses include the expenditure for improvements to fixed assets held under operating leases, and other expenditures that have been incurred but should be recognised as expenses over more than one year in the current and subsequent periods. Long-term prepaid expenses are amortised on the straight-line basis over the expected beneficial period and are presented at actual expenditure net of accumulated amortisation.

20. Employee benefits

Employee benefits refer to all forms of consideration or compensation other than share-based payments given by the Group in exchange for services rendered by employees or for termination of employment. Employee benefits include short-term employee benefits, post-employment benefits, termination benefits and other long-term employee benefits. Benefits given by the Group to an employee's spouse, children and dependents, family members of deceased employees and other beneficiaries are also employee benefits.

Short-term employee benefits

The short-term employee benefits actually occurred are recognised as a liability in the accounting period in which the service is rendered by the employees, with a corresponding charge to the profit or loss for the current period or the cost of relevant assets.

Post-employment benefits (defined contribution plan)

The employees of the Group participate in a pension scheme and unemployment insurance managed by the local government, and an enterprise pension fund, the corresponding expenses shall be included in the cost of related assets or profit or loss.

Post-employment benefits (defined benefit plan)

The Group operates a defined benefit pension plan which requires contributions to be made to a separately administered fund. The benefits are unfunded. The cost of providing benefits under the defined benefit plan is determined using the projected unit credit method.

Remeasurements arising from the defined benefit pension plan, comprising actuarial gains and losses, the effect of the asset ceiling (excluding amounts included in net interest on the net defined benefit liability) and the return on plan assets (excluding amounts included in net interest on the net defined benefit liability), are recognised immediately in the balance sheet with a corresponding debit or credit to equity through other comprehensive income in the period in which they occur. Remeasurements are not reclassified to profit or loss in subsequent periods.

Past service costs are recognised in profit or loss at the earlier of the date of the plan amendment and the date that the Group recognises restructuring-related costs or termination benefits.

Net interest is calculated by applying the discount rate to the net defined benefit liability or asset. The Group recognises the following changes in the net defined benefit obligation under administrative expenses, and finance expenses in the income statement: service costs comprising current service costs, past service costs, gains and losses on settlements; net interest comprising interest income on plan assets, interest costs on the defined benefit obligation and interest on the effect of the asset ceiling.

Termination benefits

The Group provides termination benefits to employees and recognises an employee benefits liability for termination benefits, with a corresponding charge to profit or loss, at the earlier of when the Group can no longer withdraw the offer of those benefits resulting from an employment termination plan or a curtailment proposal and when the Group recognise costs involving the payment of termination benefits.

III. Significant accounting policies and estimates (continued)

20. Employee benefits (continued)

Early retirement benefits

The Group offers early retirement benefits to those employees who accept early retirement arrangements. The early retirement benefits refer to the salaries and social security contributions to be paid to and for the employees who accept voluntary retirement before the statutory retirement age, as approved by management. The Group pays early retirement benefits to those early retired employees from the early retirement date until the normal retirement date. The Group accounts for the early retirement benefits in accordance with the treatment for termination benefits, in which the salaries and social security contributions to be paid to and for the early retired employees from the off-duty date to the normal retirement date are recognised as liabilities with a corresponding charge to the profit or loss for the current period. The differences arising from the changes in the respective actuarial assumptions of the early retirement benefits and the adjustments of benefit standards are recognised in profit or loss in the period in which they occur.

The termination benefits expected to be settled within one year since the balance sheet date are classified as current liabilities.

21. Lease liabilities

At the commencement date of the lease, the Group measures the lease liability at the present value of the lease payments that are not paid at that date, except for short-term leases and leases of low-value assets. The lease payment include: fixed payments (including in-substance fixed payments), less any lease incentives receivable, variable lease payments that depend on an index or a rate, amounts expected to be payable by the lessee under residual value guarantees, the exercise price of a purchase option if the lessee is reasonably certain to exercise that option, and payments of penalties for terminating the lease, if the lease term reflects the lessee exercising an option to terminate the lease.

In calculating the present value of the lease payments, the Group uses the interest rate implicated in the lease as the discount rate. If that rate cannot be readily determined, the Group uses the lessee's incremental borrowing rate. The Group calculates the interest expenses of the lease liability in each period during the lease term using the constant periodic rate of interest, and recognises such interest expenses in profit or loss, except those recognised in the costs of the related asset as required. Variable lease payments that are

not included in the measurement of the lease liabilities are recognised in profit or loss as incurred, except those recognised in the costs of the related asset as required.

After the commencement date of the lease, the Group shall increase the carrying amount of lease liability to reflect interest on the lease liability and reduce the carrying amount of lease liability to reflect the lease payments made. When the actual fixed payment amount changes, the expected payable amount of the guaranteed residual value changes, the index or ratio used to determine the lease payment amount changes, the evaluation results or actual exercise of the purchase option, renewal option or termination option change, the Group remeasures the lease liabilities according to the present value of the changed lease payments.

22. Provisions

An obligation related to a contingency shall be recognised by the Group as a provision when all of the following conditions are satisfied, except for contingent considerations and contingent liabilities assumed in a business combination not involving entities under common control:

- (1) the obligation is a present obligation of the Group;
- (2) it is probable that an outflow of economic benefits from the Group will be required to settle the obligation; and
- (3) a reliable estimate can be made of the amount of the obligation.

A provision is initially measured at the best estimate of the expenditure required to settle the related present obligation, taking into account factors pertaining to a contingency such as the risks, uncertainties and time value of money as a whole. Provisions are reviewed at each balance sheet date. Where there is clear evidence that the carrying amount of a provision does not reflect the current best estimate, the carrying amount is adjusted to the current best estimate.

The expected credit losses of financial guarantees are listed as provisions.

23. Share-based payments

A share-based payment is classified as either an equity-settled share-based payment or a cash-settled share-based payment. An equity-settled share-based payment is a transaction in which the Group receives services and uses shares or other equity instruments as consideration for settlement.

III. Significant accounting policies and estimates (continued)

23. Share-based payments (continued)

An equity-settled share-based payment in exchange for services received from employees is measured at the fair value of the equity instruments granted to the employees. If such equity-settled share-based payment could vest immediately, related costs or expenses at an amount equal to the fair value on the grant date are recognised, with a corresponding increase in capital reserve; if such equity-settled share-based payment could not vest until the completion of services for a vesting period, or until the achievement of a specified performance condition, the Group at each balance sheet date during the vesting period recognises the services received for the current period as related costs and expenses, with a corresponding increase in capital reserve, at an amount equal to the fair value of the equity instruments at the grant date, based on the best estimate of the number of equity instruments expected to vest, which is made on the basis of the latest available information such as the changes in the number of covered employees. The fair value of the Share Options was determined by the Binomial Options Pricing Model, as stated in Note XI.

The cost of equity-settled transactions is recognised, together with a corresponding increase in capital reserve, over the period in which the specified performance and service conditions are fulfilled. The cumulative expense recognised for equity-settled transactions at each end of the reporting period until the vesting date reflects the extent to which the vesting period has expired and the Group's best estimate of the number of equity instruments that will ultimately vest.

Where the terms of an equity-settled share-based award are modified, as a minimum an expense is recognised as if the terms had not been modified. In addition, an expense is recognised for any modification that increases the total fair value of the share-based payments, or is otherwise beneficial to the employee as measured at the date of modification.

Where an equity-settled share-based award is cancelled, it is treated as if it had vested on the date of cancellation, and any expense not yet recognised for the award is recognised immediately. This includes any award where non-vesting conditions within the control of either the Group or the employee are not

met. However, if a new award is substituted for the cancelled award, and is designated as a replacement on the date that it is granted, the cancelled and new awards are treated as if they were a modification of the original award.

24. Other equity instruments

Upon the maturity of the perpetual bonds issued by the Group, the Group has the right to extend the term indefinitely. For the coupon interest of the perpetual bonds, the Group has the right to defer payment. When the perpetual bonds are in the same order of repayment as ordinary bonds and other debts issued by the issuer, the Group considers whether the repayment order results in the expectation of contractual obligation of holder to pay cash or other financial assets to issuer cautiously. For the perpetual bonds classified as equity instruments, the Group has no contractual obligation to pay cash or other financial assets.

25. Revenue from contracts with customers

Revenue from contracts with customers is recognised when the Group has fulfilled its performance obligations in the contracts, that is, when the customer obtains control of relevant goods or services. Control of relevant goods or services refers to the ability to direct the use of the goods, or the provision of the services, and obtain substantially all of the remaining benefits from the goods or services.

Revenue from construction contracts

The revenue from construction contracts between the Group and the customer usually includes performance obligations of housing construction and infrastructure construction. Because the Group's performance creates or enhances an asset that the customer controls as the asset is created or enhanced, the revenue is recognised over time only if the Group can reasonably measure its progress towards the complete satisfaction of the performance obligation. The Group uses the input method and determines the progress towards the complete satisfaction of the rendering of services on the basis of costs incurred. If the progress towards the complete satisfaction of the performance obligation cannot be reasonably measured, but the Group expects to recover the costs incurred in satisfying the performance obligation, the revenue is recognised only to the extent of the costs incurred until such time that the Group can reasonably measure the progress towards the complete satisfaction of the performance obligation.

III. Significant accounting policies and estimates (continued)

25. Revenue from contracts with customers (continued)

Revenue from sales of real estate

The Group's revenue from real estate development business is recognised when the control over properties is transferred to the customer. According to the terms under the sales contract and laws and regulations applicable to the contract, the control over properties can be transferred within a certain period of time or at a certain point of time. Where goods produced during the Group's performance of the contract are irreplaceable and the Group is entitled to collect payments for the part of the performance that has been completed so far during the entire contract period, revenue is recognised within a certain period of time based on the progress of performance obligation fulfilment during the contract period, and the progress of performance obligation fulfilment is determined based on the proportion of contract costs incurred for the fulfilled performance obligations to the estimated total contract costs. Otherwise, revenue is recognised when the customer obtains the physical ownership of goods or the legal ownership of completed properties and the Group obtains the present right to receive payment and probably recovers the contract consideration.

Revenue from design services

Due to the reason that the design services provided by the Group during the performance of contracts have irreplaceable uses, and the Group has the right to receive payments for the completed portions of the projects during the entire contract period. Therefore, such services are accounted for as performance obligations to be fulfilled within certain periods of time, and revenue is recognised based on the performance schedule, unless the performance of the contract cannot be reasonably determined. The Group determines the performance progress for the services rendered by using the input method. Where the performance of the contract cannot be reasonably determined, revenue is recognised at the amount of costs incurred if it is predicted that the costs can be compensated till the performance progress can be reasonably determined.

Contracts for the sale of goods

A contract for the sale of goods between the Group and the customer usually only includes the performance obligation to transfer the goods. The revenue is recognised at transfer control point in time based on the following indicators, which include: a present right to payment for goods, the transfer of significant risks and rewards of ownership of goods, the transfer of legal title to goods, the transfer of physical possession of goods, the customer's acceptance of goods.

Variable consideration

Some of the Group's contracts with customers include arrangements of variable consideration. The Group determines the best estimate of variable consideration by using the expected value method or the most likely amount method. However, the transaction price including variable consideration is only to the extent that it is highly probable that a significant reversal in the amount of cumulative revenue recognised will not occur when the uncertainty associated with the variable consideration is subsequently resolved.

Significant financing components

When the contract contains a significant financing component, the Group determines the transaction price based on an amount that reflects the price that a customer would have paid for the goods or services in cash at the time of obtaining the control of the goods or services, and amortises the difference between the transaction price and the consideration promised in the contract under the effective interest method within the contract period using the discount rate that discounts the nominal amount of the contract consideration to the current selling price of the goods or services. The Group does not consider the effects of a significant financing component in the contract if it is expected that the period between when the customer obtains control of the goods or services and when the customer pays for such goods or services will be one year or less.

Warranties

The Group provides a warranty in connection with the sale of a good or the construction of an asset in accordance with the contract and the relevant laws and regulations, etc. For an assurance-type warranty that provides the customer the assurance that the goods sold or the assets built complies with agreed-upon specifications, the Group accounts for the warranty in accordance with Notes III.22. For a service-type warranty that provides a customer with a service in addition to the assurance that the product complies with agreed-upon specifications, the Group accounts for it as a separate performance obligation. On the basis of the relative proportion between the stand-alone selling price of the good and the service-type warranty, a portion of the transaction price is allocated to the service-type warranty and revenue is recognised when a customer obtained control of the good. When assessing whether a service-type warranty provides a customer with a separate service in addition to the assurance that the good complies with agreed-upon specifications, the Group considers whether the warranty is required by law, the length of the warranty coverage period and the nature of the tasks that the Group promises to perform, etc.

III. Significant accounting policies and estimates (continued)

25. Revenue from contracts with customers (continued)

Principal/agent

The Group judges whether the identity of the group is a principal or an agent when the transaction is conducted based on whether the Group has control over the product or service before transferring to the customer. Under the circumstance that the Group controls goods or services before goods or services are transferred to the customer, the Group is a principal and recognises revenue in the gross amount of consideration received or receivable. Otherwise, the Group is an agent and recognises revenue in the amount of any fee or commission to which it expects to be entitled from the customer. The amount is the net amount of the gross consideration received or receivable after paying the other party the consideration received in exchange for the goods or services to be provided by that party or determined by the agreed-upon amount or proportion of commissions, etc.

Recognition of revenue from Public-Private Partnership (“PPP”)

Public-Private-Partnership project contracts refers to the contract established by the Group and the government for PPP project cooperation in accordance with laws and regulations, and the contract shall meet the following features at the same time (hereinafter referred to as “double features”):

- (1) The Group provides public products and services on behalf of the government by using PPP project assets during the contractually agreed operation period;
- (2) The Group is compensated for the public goods and services it provides for the period agreed in the contract.

The following conditions shall be met at the same time (hereinafter referred to as “double controls”):

- (1) The government controls or regulates the type, object and price of public goods and services that the Group must provide in the use of PPP project assets;
- (2) When the PPP project contract is terminated, the government party controls the significant residual interests of the PPP project assets through ownership, income rights or other forms of control.

The social capital party who provides multiple service (eg. providing construction service for PPP project and operation and maintenance service after the construction is complete) base on PPP contract, recognises revenues and costs of construction service in accordance with construction contract. Revenue from construction service is measured by consideration collected or entitled to charge and recognise contract assets at the same time.

In accordance with the PPP contract, during the operation of PPP project, the Group, entitled to collect certain cash flows (or other financial assets), should recognise revenue and receivables simultaneously when the social capital party has the right to collect such consideration (a right is only determined by the passage of time), in accordance with “Accounting Standards for Business Enterprises No. 22 – Recognition and Measurement of Financial Instruments”.

In accordance with the PPP contract, during the operation of PPP project, the Group is entitled to collect cash flows from parties who received public products and services with uncertain amount, and such right doesn't constitute an unconditional right to collect cash. The Group should recognise the consideration or the revenue recognised from construction activity of PPP assets as intangible assets when the PPP assets reach working condition, in accordance with “Accounting Standards for Business Enterprises No. 6 – Intangible Assets”.

After PPP assets reach working condition, the social capital party should recognise revenue for operation of PPP projects in accordance with “Accounting Standards for Business Enterprises No. 14 – Revenue”.

Recognition of revenue from Build-Transfer (“BT”)

For construction services rendered by the Group, related revenue and costs are recognised during the stage of construction according to the construction contract. Revenue from construction services is measured at the consideration received or receivable by the Group. The Group recognises contract assets when recognising revenue, and accounts for any significant financing component in the contractual arrangement. The contract assets are transferred to financial assets when the Group obtains the right to unconditionally collect consideration and is deducted against long-term receivables after the Group receives the payment from the project owner.

III. Significant accounting policies and estimates (continued)

26. Contract assets and contract liabilities

The Group presents contract assets or contract liabilities depending on the relationship between the satisfaction of its performance obligations and the customer's payment in the balance sheet. The Group offsets the contract assets and contract liabilities under the same contract and presents the net amount.

Contract assets

A contract asset is the right to consideration in exchange for goods or services that the Group has transferred to a customer, and that right is conditioned on something other than the passage of time.

For details of how the Group measures and accounts for the ECLs of a contract asset, refer to Notes III.9.

Contract liabilities

A contract liability is the obligation to transfer goods or services to a customer for which the Group has received consideration or an amount of consideration is due from the customer, such as an amount of consideration that an entity has received before the transfer of the promised goods or services.

27. Contract cost assets

The Group's contract cost assets include the costs to obtain and fulfil a contract and are classified as inventories, other current assets and other non-current assets by liquidity.

The Group recognises as an asset the incremental costs of obtaining a contract with a customer if the Group expects to recover those costs, unless the amortisation period of the asset is one year or less.

Other than the costs which are capitalised as inventories, fixed assets and intangible assets, etc., costs incurred to fulfil a contract with a customer are capitalised as an asset if all of the following criteria are met:

- (1) the costs relate directly to a contract or to an anticipated contract, including direct labour, direct materials, overheads (or similar expenses), costs that are explicitly chargeable to the customer and other costs that are incurred only because an entity entered into the contract;
- (2) the costs generate or enhance resources of the Group that will be used in satisfying performance obligations in the future; and
- (3) the costs are expected to be recovered.

The contract cost asset is amortised and charged to profit or loss on a systematic basis that is consistent with the pattern of the revenue to which the asset related is recognised.

The Group accrues provisions for impairment and recognises impairment losses to the extent that the carrying amount of a contract cost asset exceeds:

- (1) the remaining amount of consideration that the entity expects to receive in exchange for the goods or services to which the asset relates; less
- (2) the costs that are expected to be incurred to transfer those related goods or services.

28. Government grants

Government grants are recognised when all attaching conditions will be complied with and the grants will be received. If a government grant is in the form of a transfer of a monetary asset, it is measured at the amount received or receivable. If a government grant is in the form of a transfer of a non-monetary asset, it is measured at fair value; if fair value is not reliably determinable, it is measured at a nominal amount.

According to the government documents, those used for the purposes of purchase, construction or other formations of long-term assets shall be regarded as the government grants related to assets; if the government documents are not clear, the judgment shall be made on the basis of the basic conditions that must be met to obtain the grants. The government grants related to assets shall be those based on the purchase, construction or other formations of long-term assets, and the others shall be regarded as the government grants related to income.

The group adopts the total method to measure government grants.

A government grant related to income is accounted for as follows: (i) if the grant is a compensation for related expenses or losses to be incurred in subsequent periods, the grant is recognised as deferred income, and released in profit or loss over the periods in which the related costs are recognised; or (ii) if the grant is a compensation for related expenses or losses already incurred, it is recognised immediately in profit or loss.

A government grant relating to an asset shall be offset against the carrying amounts of relevant assets, or recognised as deferred income and amortised in profit or loss over the useful life of the related asset by annual instalments in a systematic and rational way (however, a government grant measured at a nominal amount is recognised directly in profit or loss). Where the assets are sold, transferred, retired or damaged before the end of their useful lives, the rest of the remaining deferred income is released to profit or loss for the period in which the relevant assets are disposed of.

III. Significant accounting policies and estimates (continued)

28. Government grants (continued)

Where the Group receives loans granted at a below-market rate of interest from a lending bank funded with financial interest subsidies, the initial carrying amount of the borrowings is the actual proceeds received, and the calculation of the borrowing costs shall be based on the principal and the below-market rate of interest.

29. Deferred Income tax

Deferred tax is provided using the balance sheet liability method, on all temporary differences at the end of the reporting period between the tax bases of assets and liabilities and their carrying amounts, and temporary differences between the tax bases and the carrying amounts of the items, which have a tax base according to related tax laws but are not recognised as assets and liabilities.

Deferred tax liabilities are recognised for all taxable temporary differences, except:

- (1) when the taxable temporary difference arises from the initial recognition of goodwill, or an asset or liability in a transaction that is not a business combination and, at the time of transaction, affects neither accounting profit nor taxable profit or loss; and
- (2) in respect of taxable temporary differences associated with investments in subsidiaries, associates and joint ventures, when the timing of the reversal of the temporary differences can be controlled and it is probable that the temporary differences will not be reversed in the foreseeable future.

Deferred tax assets are recognised for all deductible temporary differences, and the carryforward of unused tax losses and any unused tax credits. Deferred tax assets are recognised to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, the carryforward of unused tax losses and unused tax credits can be utilised, except:

- (1) when the deductible temporary difference arises from the initial recognition of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss; and
- (2) in respect of the deductible temporary differences associated with investments in subsidiaries, associates and joint ventures, deferred tax assets are only recognised to the

extent that it is probable that the temporary differences will be reversed in the foreseeable future and taxable profit will be available against which the temporary differences can be utilised in the future.

At the end of the reporting period, deferred tax assets and liabilities are measured at the tax rates that are expected to apply to the period when the asset is realised or the liability is settled, in accordance with the requirements of tax laws. The measurement of deferred tax assets and deferred tax liabilities reflects the tax consequences that would follow from the manner in which the Group expects, at the end of the reporting period, to recover the assets or settle the liabilities.

The carrying amount of deferred tax assets is reviewed at the end of the reporting period and reduced to the extent that it is no longer probable that sufficient taxable profit will be available in future periods to allow the deferred tax assets to be utilised. Unrecognised deferred tax assets are reassessed at the end of the reporting period and are recognised to the extent that it has become probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be recovered.

Deferred tax assets and deferred tax liabilities are offset if and only if the Group has a legally enforceable right to set off current tax assets and current tax liabilities, and the deferred tax assets and deferred tax liabilities relate to income taxes levied by the same taxation authority on either the same taxable entity or different taxable entities which intend either to settle current tax liabilities and assets on a net basis, or to realise the assets and settle the liabilities simultaneously, in each future period in which significant amounts of deferred tax liabilities or assets are expected to be settled or recovered.

30. Leases

At inception of a contract, an entity shall assess whether the contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

As lessee

Except for short-term leases and leases for which the underlying asset is of low value, the Group shall recognise right of use assets and lease liabilities. For the general accounting treatment refers to Note III,16 and Note III,21.

For a contract that contains a lease component and one or more additional lease or non-lease components, the Group shall allocate the consideration in the contract according to stand-alone selling prices.

III. Significant accounting policies and estimates (continued)

30. Leases (continued)

As lessee (continued)

Short-term leases and leases of low-value assets

The Group considers a lease that, at the commencement date of the lease, has a lease term of 12 months or less, and does not contain any purchase option as a short-term lease; and a lease for which the value of the individual underlying asset is not more than RMB30,000 when it is new as a lease of low-value assets. If the Group subleases an asset, or expects to sublease an asset, the head lease does not qualify as a lease of a low-value asset. The Group does not recognise the right-of-use assets and lease liabilities for short-term leases and of low-value assets. The Group recognises lease payments on short-term leases and leases of low-value assets in the costs of the related asset or profit or loss on a straight-line basis over the lease term.

As lessor

A lease is classified as a finance lease if it transfers substantially all the risks and rewards incidental to ownership of an underlying asset, except that a lease is classified as an operating lease at the inception date. The Group, as an intermediate lessor, classifies the sublease by reference to the right-of-use asset arising from the head lease. For a contract that contains a lease component and one or more additional lease or non-lease components, the Group shall allocate the consideration in the contract according to stand-alone selling prices.

As lessor of an operating lease

Rent income under an operating lease is recognised on a straight-line basis over the lease term, through profit or loss. Variable lease payments that are not included in the measurement of lease receivables are charged to profit or loss as incurred. The Group shall add initial direct costs incurred in obtaining an operating lease to the carrying amount of the underlying asset and recognise those costs as an expense over the lease term on the same basis as the lease income.

Sale and leaseback transactions

The Group assess and determine whether the assets transferred in sale and lease back transactions is sales activity in accordance with Note III. 25.

As a seller-lessee

For assets transferred in sale and lease back transactions constitutes a sale, the Group, as a seller-lessee, measures the right-of-use asset arising from the leaseback at the proportion of the previous carrying amount of the asset that relates to the right of use retained, and recognises only the amount of any gain or loss that relates to the rights transferred to the buyer-lessor. For assets transferred in sale and lease back

transactions doesn't constitute a sale, the Group, as a lessee, continues to recognise the transferred asset, and recognises a financial liability which equals to the transfer proceeds and accounts for the financial liability in accordance with Note III.9.

31. Share repurchase

Considerations and transaction costs paid for repurchase of our equity instruments should be accounted for a deduction from equity. In addition to share-based payment, the issuance (including refinancing), repurchase, sales or cancellations of own equity instruments shall be treated as changes in equity.

32. Profit distribution

The cash dividend is recognised as a liability upon approval in the general meeting of shareholders.

33. Safety production expenses

Safety production expenses provided according to the regulations are included in costs of related products or profit or loss, and credited to the special reserve. They are treated differently when being utilised: (i) the special reserve are debited for those expenditure with the expense nature; or (ii) the cumulative expenditures are capitalised as a fixed asset for those expenditure to be capitalised when the working condition for the intended use is reached, and at the same time, special reserve are debited with the full depreciation of the fixed asset of the same amount.

34. Fair value measurement

The Group measures part of its debt instruments and equity investments at fair value at each end of the reporting period. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorised within the fair value hierarchy based on the lowest level input that is significant to the fair value measurement as a whole:

Level 1	Based on quoted prices (unadjusted) in active markets for identical assets or liabilities;
Level 2	Based on valuation techniques for which the lowest level input that is significant to the fair value measurement is observable, either directly or indirectly;
Level 3	Based on valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable.

For assets and liabilities that are measured at fair value in the financial statements on a recurring basis, the Group determines whether transfers have occurred between levels in the hierarchy by reassessing categorisation on each balance sheet date.

III. Significant accounting policies and estimates (continued)

35. Significant accounting judgements and estimates

The preparation of the financial statements requires management to make judgements, estimates and assumptions that affect the reported amounts of revenue, expenses, assets and liabilities, and their accompanying disclosures, and the disclosure of contingent liabilities at the end of the reporting period. Uncertainty about these assumptions and estimates could result in outcomes that could require a material adjustment to the carrying amounts of the assets or liabilities affected in the future.

Judgements

In the process of applying the Group's accounting policies, management has made the following judgements which have a significant effect on the amounts recognised in the financial statements:

Operating leases – the Group as lessor

The Group has entered into lease agreements on its investment property portfolio. The Group has determined these leases to be operating leases, based on an evaluation of the terms and conditions of the agreements, that it retains almost all the significant risks and rewards of ownership of these properties.

Division of investment properties and inventories

The properties constructed by the group may be used for sale, rent earning and/or capital appreciation. At the initial stage of construction, the Group classifies the property into inventory or investment property according to the holding purpose. During the period under construction, the properties used for sale after completion are classified as inventories-properties under development and included in current assets, and the properties used to earn rent and/or capital appreciation after completion are classified as investment properties in progress and included in non-current assets. After completion, the properties used for sale are transferred to inventories-completed properties for sale, while the properties used to earn rent and/or capital appreciation are transferred to investment properties.

Division of investment properties and fixed assets

The Group determines whether the property it holds meets the definition of investment property and establishes relevant standards when making judgments. The Group classifies the property held for earning rent or capital appreciation, or both (including

buildings under construction or development for future use for rental). The Group will consider whether the cash flow generated by the property is largely independent of other assets held by the group. Some properties are used to earn rent or capital appreciation, and the remaining part is used to produce goods, provide services or operation and management. If the part used to earn rent or capital appreciation can be sold or leased separately, the Group measures that part separately. If not, the property will be classified as investment property only if the part used for producing goods, providing labor services or operation and management is not significant. When determining whether the importance of auxiliary services is sufficient to make the property not meet the recognition conditions of investment property, the Group will make a separate judgment based on individual property benchmark.

Determination method of construction contract performance schedule

The Group determines the performance progress of the construction contract according to the input method. Specifically, the Group determines the performance progress according to the proportion of the accumulated actual construction cost in the estimated total cost. The accumulated actual cost includes the direct cost and indirect cost incurred in the process of the Group transferring goods to customers. The construction contract price with the customer is determined based on the construction cost. The proportion of the actual construction cost to the estimated total cost can truly reflect the performance progress of the construction service. In view of the long lifetime of the construction contract and the possibility of spanning several accounting periods, the Group will review and revise the budget with the progress of the construction contract, and adjust the revenue recognition amount accordingly.

Business model

The classification of financial assets at initial recognition depends on the Group's business model for managing financial assets. When determining the business model, the Group considers the methods to include evaluation and report financial asset performance to key management, the risks affecting the performance of financial assets and the risk management, and the manner in which the relevant management receives remuneration. When assessing whether the objective is to collect contractual cash flows, the Group needs to analyse and judge the reason, timing, frequency and value of the sale before the maturity date of the financial assets.

III. Significant accounting policies and estimates (continued)

35. Significant accounting judgements and estimates (continued)

Judgements (continued)

Contractual cash flow characteristics

The classification of financial assets at initial recognition depends on the financial asset's contractual cash flow characteristics, and the judgements on whether the contractual cash flows are solely payments of principal and interest on the principal amount outstanding, including when assessing the modification of the time value of money, the judgement on whether there is any significant difference from the benchmark cash flow and whether the fair value of the prepayment features is insignificant for financial assets with prepayment features, etc.

Whether a contract is, or contains, a lease

The Group signed the lease agreement on equipments for some engineering construction projects. The Group believes that, based on the agreement, there is no identified asset, or the supplier has the substantive right to substitute the underlying asset throughout the period of use. Therefore, the agreement does not contain a lease, and the Group treats it as acceptance of a service.

Revenue from sales of real estate

According to the accounting policies described in Note III. 25, the Group's revenue from real estate development business is recognised when the control over properties is transferred to the customer. According to the terms under the sales contract and laws and regulations applicable to the contract, the control over properties can be transferred within a certain period of time or at a certain point of time. Where goods produced during the Group's performance of the contract are irreplaceable and the Group is entitled to collect payments for the part of the performance that has been completed so far during the entire contract period, revenue is recognised over a certain period of time based on the progress of performance obligation fulfilment during the contract period. Otherwise, revenue is recognised when the customer obtains the physical ownership of goods or the legal ownership of completed properties, and the Group obtains the present right to receive payment and probably recovers the contract consideration.

Due to the restriction of real estate sales contract, the Group's properties generally have no alternative use. However, whether the Group has the enforcement right to collect the part that has been completed so far and use the method of recognising income over a period of time depends on the agreement of each contract term and the relevant law applicable to the contract. In order to assess whether the Group has obtained the enforcement right on the part that has been performed, the Group reviews its contract terms, relevant local laws, and takes into account the opinions of local regulatory authorities when necessary, and needs to make a lot of judgments.

When the Group signs a sales contract with a properly buyer, according to the requirements of some banks, if the buyer needs to obtain a mortgage loan from the bank to pay the house money, the Group will enter into a tripartite mortgage guarantee loan agreement with the buyer and the bank. The Group will provide phased joint liability guarantee for mortgage loans issued by banks to the properly buyer. The phased joint liability guarantee will be released after the properly buyer has completed the house ownership certificate and completed the real estate mortgage registration procedures. The Group only needs to provide guarantee to the bank for the outstanding mortgage loan of the buyer within the guarantee period. The bank will only claim against the Group if the buyer defaults and fails to repay the mortgage loan.

According to the Group's historical experience in selling similar developed products, the Group believes that during the period of phased joint liability guarantee, the ratio of the Group's guarantee liability to the bank due to the buyer's failure to repay the mortgage loan is very low, and the Group can claim the advance payment paid by the buyer for undertaking the guarantee of phased joint liability. In the case of non-repayment by the buyer, the Group can avoid loss by giving priority to the relevant property according to the relevant purchase contract. Therefore, the Group believes that the financial guarantee has no significant impact on the recognition of sales revenue of development products.

Equity instruments

Equity instruments such as perpetual bonds issued by the Group do not need to be settled by the Group's own equity instruments, excluding the contractual obligations to deliver cash or other financial assets to other parties, or to exchange financial assets or financial liabilities with other parties under potential adverse conditions. Therefore, the Group calculates them as other equity instruments.

III. Significant accounting policies and estimates (continued)

35. Significant accounting judgements and estimates (continued)

Estimation uncertainty

The key assumptions concerning the future and other key sources of estimation uncertainty at the end of the reporting period, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the future accounting periods, are described below.

Impairment of financial instruments and contract assets

The Group uses the expected credit loss model to assess the impairment of financial instruments and contract assets. The Group is required to perform significant judgements and estimations and take into account all reasonable and supportable information, including forward-looking information. When making such judgements and estimates, the Group infers the expected changes in the debtor's credit risk based on historical repayment data combined with economic policies, macroeconomic indicators, industry risks and other factors. The different estimates may impact the impairment assessment, and the impairment allowance may also not be representative of the actual impairment loss in the future.

Impairment of non-current assets other than financial assets (other than goodwill)

The Group assesses whether there are any indications of impairment for all non-current assets other than financial assets at the end of the reporting period. Intangible assets with indefinite useful lives are tested for impairment annually and at other times when such an indication exists. Other non-current assets other than financial assets are tested for impairment when there are indications that the carrying amounts may not be recoverable. An impairment exists when the carrying amount of an asset or asset group exceeds its recoverable amount, which is the higher of its fair value less costs of disposal and the present value of the future cash flows expected to be derived from it. The calculation of the fair value less costs of disposal based on available data from binding sales transactions in an arm's length transaction of similar assets or observable market prices less incremental costs for disposing of the assets. When the calculations of the present value of the future cash flows expected to be derived from an asset or asset group are undertaken, management must estimate the expected future cash flows from the asset or asset group and choose a suitable discount

rate in order to calculate the present value of those cash flows.

Impairment of goodwill

The Group determines whether goodwill is impaired at least on an annual basis. This requires an estimation of the value in use of the cash-generating units to which the goodwill has been allocated. Testing the value in use requires the Group to make an estimate of the expected future cash flows from the cash-generating units and also to choose a suitable discount rate in order to calculate the present value of those cash flows.

Fair value of unlisted equity investments

For a part of unlisted equity investments, the Group adopts the market approach to estimate the fair value, which involves choosing comparable companies and market multiples and estimating the liquidity discount rate. Therefore, it is subject to uncertainty. For all the other unlisted equity investments, the Group estimates the fair value through the expected cash flows discounted at current rates applicable for items with similar terms and risk characteristics. This valuation requires the Group to make estimates about expected future cash flows, credit risk, volatility and discount rates, and hence they are subject to uncertainty.

Construction and service contracts

Recognition of revenue and expenses from construction and service contracts requires management to make relevant estimates. If losses are expected to occur in construction and service contracts, such losses should be recognised as current costs. The management of the Group estimates the possible losses based on the construction and service contract budget. Due to the characteristics of housing construction, infrastructure construction, and design business, the date at which the contract activity is entered into and the date when the activity is completed usually fall into different accounting periods. The Group reviews and revises the estimates of both contract revenue and contract costs in each contract budget as the contract progresses.

Deferred tax assets

Deferred tax assets are recognised for all unused tax losses to the extent that it is probable that taxable profit will be available against which the losses can be utilised. Significant judgement from the management is required to determine the amount of deferred tax assets that can be recognised, based upon the likely timing and level of future taxable profits together with future tax planning strategies.

III. Significant accounting policies and estimates (continued)

35. Significant accounting judgements and estimates (continued)

Estimation uncertainty (continued)

Land appreciation tax

The Group is required to pay land appreciation tax in accordance with tax laws on the value-added portion of property sales. The provision for land appreciation tax is the best estimate made by the management based on the understanding of relevant tax laws and regulations. The actual land appreciation tax liability must be determined by the tax authority when the land appreciation tax is settled. The Group has not yet determined its land appreciation tax settlement and taxation plans for certain real estate development projects with tax authorities. The final land appreciation tax calculation result may be different from the amount initially recorded, and any difference will affect the land appreciation tax expenditure and related provision amount during the period when the difference is realised.

Confirmation and allocation of properties under development

The cost of real estate construction is recorded as inventory during the construction period, and will be carried forward to the income statement after real estate sales revenue is confirmed. Before the final settlement of project costs and other related real estate development costs, such costs need to be estimated by the management of the Group based on budgeted costs and development progress. The Group's real estate development is generally carried out in stages, and the cost directly related to the development of a certain period is recorded as the cost of that period. The common costs of different stages are allocated to each stage according to the saleable area. If the final settlement of the project cost and the related cost allocation are different from the initial estimate, the increase or decrease of the project cost and other costs will affect the profit and loss in the future years.

Inventory impairment

The Group's inventory is measured at the lower of cost and net realisable value. The net realisable value of inventory refers to the estimated selling price of the

inventory minus the estimated cost, estimated selling expenses and relevant taxes and fees at the time of completion. The management's calculation of the net realisable value of inventories involves the estimation of estimated selling prices, estimated costs to be incurred by the time of completion, estimated selling expenses and relevant taxes. Changes in these estimates will affect the book value of inventories and the profit and loss of future changes.

Measurement of defined benefit obligations

The Group recognised the supplementary allowances and benefits paid to certain retired and early retirement employees as liabilities. The amount of these welfare expenses and liabilities are determined using actuarial valuations conducted by independent professional actuaries. Independent professional actuaries evaluate the actuarial status of the Group's retirement plan every year. These actuarial valuations involve assumptions made on discount rates, retirement benefit inflation rates and other factors. In view of its long-term nature, the above estimates are uncertain.

Useful lives and residual values of fixed assets

After considering the residual value of the fixed assets, the Group accrues depreciation within the estimated useful life. The Group regularly reviews the estimated useful life and residual value of related assets to determine the amount of depreciation expenses that will be included in each reporting period. The useful life and residual value of assets are determined by the Group based on the past experience of similar assets and combined with expected technological changes. If the previous estimate changes significantly, the depreciation expense will be adjusted in the future period.

Lessee's incremental borrowing rate

If the interest rate implicit in the lease cannot be readily determined, the Group measures the lease liability at the present value of the lease payments discounted using the lessee's incremental borrowing rate. According to the economic environment, the Group takes the observable interest rate as the reference basis for determining the incremental borrowing rate, then adjusts the observable interest rate based on its own circumstances, underlying assets, lease terms and amounts of lease liabilities to determine the applicable incremental borrowing rate.

Unit: RMB'000

IV. Taxation

1. Main taxes and rates

Value-added tax	–	Taxable income is calculated at the corresponding tax rate as output tax, and the value-added tax is calculated on the basis of the difference after deducting the input tax allowed to be deducted in the current period. The applicable tax rates of the Group for the six-month period ended at 30 June 2022 included 13%, 9%, 6%, 5% and 3%.
		According to the “Regulations on Issues Related to the Pilot Reform of Business Tax to Value-Added Tax” issued by the Ministry of Finance and the State Administration of Taxation in 2016, the Group calculates tax payable at 3% and 5% of taxable income for old projects (refer to projects initially built before 1 April 2016) in the construction industry based on simple tax calculation methods and in the real estate development industry, respectively.
City maintenance and construction tax	–	Calculated and paid at 7% or 5% of the actual turnover tax paid.
Corporate income tax	–	The Group's corporate income tax in Mainland China is calculated and paid at 25% of the taxable income (except for the tax incentives described in Note IV.2). The corporate income tax in Hong Kong is calculated and paid at 16.5% of the taxable income. For other overseas regions, the taxable income shall be 0 to 35% of the taxable income.
Education surcharge	–	Calculated and paid at 3% of the actual turnover tax paid.
Land appreciation tax	–	If the Group transfers land use rights and the property rights of buildings or other attachments on the ground for a fee, the land appreciation tax is calculated and paid at a four-tier progressive tax rate of 30% to 60%.
Real estate tax	–	Real estate tax is levied at 1.2% of the original value of the property or 12% of the rental income.

2. Preferential tax treatments

The corporate income tax preferences enjoyed by the Group are as follows:

(1) Preferential tax treatment for key high and new technological enterprises encouraged and supported by the state

According to the income tax law and other relevant regulations, the Group's subsidiaries recognised as key high and new technological enterprises encouraged and supported by the state are as follows:

Company name	Certificate of High and New Technological Enterprises	Effective tax rate
China Construction Town Planning Development Co., Ltd.	GR202011006190	15%
China Municipal Engineering Northwest Design & Research Institute Co., Ltd.	GR202162000417	15%
China Construction First Bureau Group Construction & Development Co., Ltd.	GR202011001749	15%
China Construction First Bureau Huajiang Construction Co., Ltd.	GR202111002519	15%
China Construction Beijing Building Research Institute Co., Ltd.	GR202011006430	15%
China Construction Beijing Architectural Design Institute Co., Ltd.	GR201911007163	15%
China Architecture Shanghai Design & Research Institute Co., Ltd.	GR202131003421	15%
China State Construction Northeast Architectural Design Institute Co., Ltd.	GR202021001043	15%
China State Construction Intelligent Technology Co., Ltd.	GR202011001520	15%
China Construction Zhongyuan Architectural Design Institute Co., Ltd.	GR201941001453	15%
China Construction Seventh Engineering Bureau Co., Ltd.	GR201941000445	15%
China State Construction Technology (Fuzhou) Co., Ltd.	GR202035000126	15%
China State Construction Northeast Architectural Design Institute (Xiamen) Co., Ltd.	GR202035100542	15%
China Construction Strait Construction Development Co., Ltd.	GR201935001105	15%
China Construction Technology Henan Co., Ltd.	GR201941000149	15%
China Construction Science and Industry Group Co., Ltd.	GR202044202198	15%
China Construction Second Bureau Third Construction Engineering Co., Ltd.	GR202111006398	15%
China Construction Second Bureau First Construction Engineering Co., Ltd.	GR202111000524	15%
China Construction Second Engineering Bureau Co., Ltd.	GR202011005634	15%
China Construction Second Bureau Decoration Engineering Co., Ltd.	GR202011000990	15%
China Construction Second Bureau Installation Engineering Co., Ltd.	GR202111000676	15%

IV. Taxation (continued)

2. Preferential tax treatments (continued)

- (1) Preferential tax treatment for key high and new technological enterprises encouraged and supported by the state (continued)

According to the income tax law and other relevant regulations, the Group's subsidiaries recognised as key high and new technological enterprises encouraged and supported by the state are as follows: (continued)

Company name	Certificate of High and New Technological Enterprises	Effective tax rate
China Construction Second Bureau Second Construction Engineering Co., Ltd.	GR202044203757	15%
China Construction Fifth Bureau Building Energy Saving Technology Co., Ltd.	GR202143003490	15%
China Construction No. 2 Curtain Wall Decoration Co., Ltd.	GR202143000237	15%
China Construction Fifth Bureau Decorative Curtain Wall Co., Ltd.	GR202143002509	15%
China Construction Fifth Bureau Third Construction Co., Ltd.	GR202143001620	15%
China State Construction Technology Hunan Co., Ltd.	GR202143000481	15%
China Construction Fifth Bureau Installation Engineering Co., Ltd.	GR202043002082	15%
China Construction Fifth Bureau East China Construction Co., Ltd.	GR201931004205	15%
China State Construction Fifth Engineering Bureau Co., Ltd.	GR202043000761	15%
China Construction Fifth Bureau Civil Engineering Co., Ltd.	GR201943000622	15%
China Construction Fifth Bureau Garden Co., Ltd.	GR202143002615	15%
CSCEC Wuzhou Engineering Equipment Co., Ltd.	GR202032006648	15%
China State Construction Electronic Engineering Co., Ltd.	GR201911005213	15%
CSCEC Xinjiang Installation Engineering Co., Ltd.	GR202065000255	15%
China Construction Eighth Bureau Second Construction Co., Ltd.	GR202137002542	15%
China Construction Eighth Bureau Third Construction Co., Ltd.	GR202132007163	15%
China Construction Eighth Bureau Fourth Construction Co., Ltd.	GR202137101123	15%
China Construction Eighth Engineering Division Co., Ltd.	GR201931000151	15%
Jiangsu Tianyu design and Research Institute Co., Ltd.	GR202032011349	15%
First Construction Co., Ltd. of China Construction Eighth Engineering Division	GR202037003064	15%
China Construction Technology (Jinan) Co., Ltd.	GR202037001173	15%
China Construction Eighth Bureau Decoration Engineering Co., Ltd.	GR202131000520	15%
Shanghai CSCEC Dongfu Investment Development Co., Ltd.	GR201931000710	15%
China Construction Eighth Bureau Rail Transit Construction Co., Ltd.	GR202032012507	15%
Southeast Construction Co., Ltd. of China Construction Eighth Engineering Bureau	GR202051003475	15%
China Construction Sixth Bureau Civil Engineering Co., Ltd.	GR201912001530	15%
China Construction Sixth Bureau Construction and Development Co., Ltd.	GR202112001037	15%
China Construction Bridge Co., Ltd.	GR201951100648	15%
China Construction Sixth Bureau Decoration Engineering Co., Ltd.	GR201912002245	15%
China Construction Fourth Bureau First Construction Co., Ltd.	GR202144000186	15%
China Construction Fourth Bureau Installation Engineering Co., Ltd.	GR201952000201	15%
China State Construction Fourth Engineering Bureau Group Co., Ltd.	GR201944005866	15%
China Construction Fourth Bureau Third Construction Co., Ltd.	GR202152000142	15%
China Construction Fourth Bureau Civil Engineering Co., Ltd.	GR202044205254	15%
China Construction Fourth Bureau Sixth Construction Engineering Co., Ltd.	GR201934001377	15%
China Building Decoration Group Co., Ltd.	GR201911003518	15%
China Construction Oriental Decoration Co., Ltd.	GR202131000852	15%
China Architecture Southwest Design & Research Institute Co., Ltd.	GR202051002428	15%
China Construction Infrastructure Corporation	GR202011000318	15%
China State Construction Engineering Industry Technology Research Institute	GR202111005533	15%
China State Construction Xinjiang Construction Group Fifth Construction Engineering Co., Ltd.	GR201965000091	15%

Unit: RMB'000

IV. Taxation (continued)

2. Preferential tax treatments (continued)

(1) Preferential tax treatment for key high and new technological enterprises encouraged and supported by the state (continued)

According to the income tax law and other relevant regulations, the Group's subsidiaries recognised as key high and new technological enterprises encouraged and supported by the state are as follows: (continued)

Company name	Certificate of High and New Technological Enterprises	Effective tax rate
China Construction Xinjiang Construction Engineering Group First Construction Engineering Co., Ltd.	GR201965000169	15%
China State Construction Xinjiang Construction Engineering (Group) Co., Ltd.	GR202165000046	15%
China State Construction Xinjiang Construction Group Third Construction Engineering Co., Ltd.	GR202065000046	15%
China State Construction West Construction Hunan Co., Ltd.	GR201943000494	15%
China Construction Commodity Concrete Co., Ltd.	GR202142000108	15%
China Construction West Construction New Material Technology Co., Ltd.	GR201951000934	15%
Xinjiang Institute of Building Research (Limited Liability Company)	GR202065000035	15%
Shanghai Haida Communication Co., Ltd.	GR202131000679	15%
China Construction Port and Shipping Bureau Group Co., Ltd.	GR202131001570	15%
China State Construction Built Port Group	GR202037100401	15%
China State Construction Technology (Shenshan Special Cooperation Zone) Co., Ltd.	GR202044204908	15%
China Construction Technology Chengdu Co., Ltd.	GR201951000045	15%
China State Construction Technology Group Co., Ltd.	GR202044206081	15%
China State Construction Technology (Beijing) Co., Ltd.	GR202011001695	15%
China State Construction Technology Changchun Co., Ltd.	GR201922000666	15%
China Construction Railway Investment and Construction Group Co., Ltd.	GR202111005102	15%
Guizhou Zhongjian Architectural Research and Design Institute Co., Ltd.	GR202052000333	15%
Hong Kong Huayi Design Consultants (Shenzhen) Co., Ltd.	GR202044204944	15%
Zhongjian Hailong Technology Co., Ltd.	GR202144205013	15%
Anhui Hailong Construction Industry Co., Ltd.	GR202134004805	15%
Heshan Tianshan Metal Material Products Co., Ltd.	GR201944006890	15%
Shandong Hailong Construction Technology Co., Ltd.	GR201937001855	15%
Shenzhen Xinghai Internet of Things Technology Co., Ltd.	GR202044200845	15%
China Construction Third Bureau First Construction Engineering Co., Ltd.	GR202142002193	15%
Second Construction Co., Ltd. of China Construction Third Engineering Division	GR202042002204	15%
Third Construction Co., Ltd. of China Construction Third Engineering Division	GR202042001764	15%
China Construction Third Engineering Design Co., Ltd.	GR201942000474	15%
China Construction Sixth Engineering Bureau Co., Ltd.	GR201912000220	15%
China Construction Sixth Engineering Installation Co., Ltd.	GR202012001086	15%
China Construction Engineering Design Group Corporation Limited	GR202011003894	15%
Shenzhen Overseas Decoration Engineering Co., Ltd.	GR202044206222	15%
Beijing Construction Engineering Quality Sixth Testing Institute Co., Ltd.	GR201911001810	15%
China Construction Third Bureau Group Co., Ltd.	GR201942000706	15%
China Construction Third Bureau Installation Engineering Co., Ltd.	GR201942002292	15%
China State Construction Technology Wuhan Co., Ltd.	GR202042001219	15%
China Construction Third Bureau Intelligent Technology Co., Ltd.	GR202142003113	15%
China Construction First Bureau Group Decoration Engineering Co., Ltd.	GR202011004486	15%
Guangdong Zhongjian New Building Components Co., Ltd.	GR202144001673	15%
China Construction Fourth Bureau Fifth Construction Engineering Co., Ltd.	GR202044204395	15%
China Construction Third Bureau Urban Construction Co., Ltd.	GR202022000413	15%

IV. Taxation (continued)

2. Preferential tax treatments (continued)

- (1) Preferential tax treatment for key high and new technological enterprises encouraged and supported by the state (continued)

According to the income tax law and other relevant regulations, the Group's subsidiaries recognised as key high and new technological enterprises encouraged and supported by the state are as follows: (continued)

Company name	Certificate of High and New Technological Enterprises	Effective tax rate
China Construction Machinery Co., Ltd.	GR202013003092	15%
China Construction Southwest Survey and Design Institute Co., Ltd.	GR202051000142	15%
China Construction Underground Space Co., Ltd.	GR201951002244	15%
China Construction Dongshe Geotechnical Engineering Co., Ltd.	GR202021001224	15%
China State Construction Engineering Co., Ltd.	GR202037101613	15%
Beijing China Construction Engineering Consultants Co., Ltd.	GR201911000724	15%
China Construction Eighth Engineering Bureau Guangxi Construction Co., Ltd.	GR202145001083	15%
China Construction Eighth Engineering Bureau Huanan Construction Co., Ltd.	GR202144014361	15%
China Construction Eighth Bureau (Xiamen) Construction Co., Ltd.	GR202135100676	15%
China Construction Industrial & Energy Engineering Group Co., Ltd.	GR202132010981	15%
China Construction Shandong Engineering Quality Inspection Co., Ltd.	GR202137004126	15%
Shandong China Construction Eighth bureau investment and Construction Co., Ltd.	GR202137000714	15%
China Construction Eighth Engineering Bureau Northwest Construction Co., Ltd.	GR202161002076	15%
China Construction Communications Construction Group Co., Ltd.	GR202111000067	15%
China Construction Integrated Building Co., Ltd.	GR202111008263	15%
China Construction First Bureau Group Second Construction Co., Ltd.	GR202111000744	15%
China Construction Municipal Engineering Co., Ltd.	GR202111000695	15%
China Construction First Bureau (Group) Co., Ltd.	GR202111000630	15%
China Construction First Bureau Group Fifth Construction Co., Ltd.	GR202111000242	15%
Shenzhen Huayi Decoration Technology Design Engineering Co., Ltd.	GR202144206367	15%
Liaoning Road and Bridge Construction Group Co., Ltd.	GR202121000707	15%
China Construction Steel Structure Engineering Co., Ltd.	GR202144205230	15%
China Construction Second Engineering Bureau Civil Engineering Group Co., Ltd.	GR202111008514	15%
China Construction Second Engineering Bureau sunshine Intelligent Manufacturing Co., Ltd.	GR202044010624	15%
China State Construction Xinjiang Construction Engineering Co., Ltd.	GR202165000059	15%
China Construction Henan Western Construction Co., Ltd.	GR202141003468	15%
China Construction Sixth Bureau Water Conservancy and Hydropower Construction Group Co., Ltd.	GR202112001611	15%
China Construction Sixth Engineering Bureau Huanan Construction Co., Ltd.	GR202144207418	15%
Sino-foreign Garden Construction Co., Ltd.	GR201911005761	15%
China Construction Lighting Co., Ltd.	GR202044200342	15%
China Construction Third Engineering Bureau infrastructure construction investment Co., Ltd.	GR202142004991	15%
China State Construction Curtain Wall Co., Ltd.	GR201942000889	15%
China Construction Railway Investment Testing Co., Ltd.	GR202121002182	15%
Chongqing Xinda Engineering Testing Technology Co., Ltd.	GR202051101356	15%
China Construction Cultural Tourism Development Co., Ltd.	GR202111007441	15%
CSCEC (Tianjin) Industrial Construction Engineering Co., Ltd.	GR202112003765	15%
China Construction First Bureau Third Construction Engineering Co., Ltd.	GR202011002605	15%
China Construction Eighth Bureau Technology Construction Co., Ltd.	GR202131000014	15%
China Construction Civil Engineering Co., Ltd.	GR202011001616	15%
China Construction Eighth Engineering Bureau Testing Technology Co., Ltd.	GR201911008263	15%

Unit: RMB'000

IV. Taxation (continued)

2. Preferential tax treatments (continued)

The corporate income tax preferences enjoyed by the Group are as follows: (continued)

(2) Preferential tax policy related with Western Development Strategies and Xinjiang region

Company name	Effective tax rate
Xi'an xingchu Construction Co., Ltd.	15%
Chongqing Maohe Infrastructure Construction Co., Ltd.	15%
Haidong Underground Tube Construction and Operation Management Co., Ltd.	15%
Chongqing Kaizhou China Construction Tube Installation Co., Ltd.	15%
China Construction Tunnel Construction Co., Ltd.	15%
Chongqing Jinsha Yangtze River Bridge Construction and Development Co., Ltd.	15%
CSCEC Zunyi Xinpu Construction Development Co., Ltd.	15%
China Northwest design and Research Institute Co., Ltd.	15%
Sichuan Southwest Construction Management and Consulting China Northwest design and Research Institute Co., Ltd.	15%
China Construction Southwest Consulting Co., Ltd.	15%
Shihezi Tube Construction and Investment Co., Ltd.	15%
Yanqi Xiqingjiyuan Construction Co., Ltd.	15%
CSCEC Wuzhou Infrastructure Investment Co., Ltd.	15%
China Construction Technology Mianyang Co., Ltd.	15%
China Construction Silk Road Construction and Investment Co., Ltd.	15%
Shihezi Western Construction Co., Ltd.	15%
Xinjiang Construction Engineering Quality and Safety Detection Center	15%
China Construction Communications Engineering (Xizang) Co., Ltd.	15%
Shaanxi China Construction Northwest Engineering Supervision Co., Ltd.	15%
Sichuan Southwest Construction Engineering Consulting Co., Ltd.	15%
Sichuan Southwest Engineering Project Management Consulting Co., Ltd. Tibet Branch	15%
China Construction Steel Structure Sichuan Corp.ltd.	15%
Sichuan West Construction Xingcheng Building Materials Co., Ltd.	15%
Chengdu West Construction Xiangtou New Material Co., Ltd.	15%
Nanning China Construction West Construction Co., Ltd.	15%
Guangxi China Construction West Construction Co., Ltd.	15%
Chongqing China Construction West Construction Co., Ltd.	15%
CSCEC Rongcheng building materials Chengdu Co., Ltd.	15%
CSCEC West Construction southwest Co., Ltd.	15%
Yunnan China Construction West Construction Co., Ltd.	15%
Meishan China Construction West Construction Co., Ltd.	15%
Chengdu West Construction Sancha Lake building materials Co., Ltd.	15%
China Construction West Construction North Co., Ltd.	15%
Guiyang Zhongjian West Construction Co., Ltd.	15%
Kashgar West Construction Co., Ltd.	15%
CSCEC western construction Xinjiang Co., Ltd.	15%
Gansu China Construction West Construction Co., Ltd.	15%
Xinjiang West Construction Qingsong Co., Ltd.	15%
Ya'an west land and sea Construction Engineering Management Co., Ltd.	15%
CSCEC Silk Road Xi'an Construction and Operation Co., Ltd.	15%
China Railway Construction (Chengdu) Co., Ltd.	15%
China Construction Fifth Bureau (Ganzhou) Engineering Construction Co., Ltd.	15%
Kunming Haixiang Real Estate Development Co., Ltd.	15%
Kunming Haijia Real Estate Development Co., Ltd.	15%
Chongqing Xinyue Real Estate Co., Ltd.	15%
Chongqing Jinjiahai Real Estate Development Co., Ltd.	15%

Note: According to the Notice Concerning the Continuation of the Western Development Enterprise Income Tax Policies (Ministry of Finance Notice No. 23 of 2020), the eligible enterprises are entitled 15% preferential income tax rate.

V. Notes to the consolidated financial statements

1. Cash and bank balances

	30 June 2022	31 December 2021
Cash on hands	105,265	79,733
Cash at banks	335,346,326	321,516,458
Other cash and bank balances	8,564,838	5,864,344
Total	344,016,429	327,460,535

Other cash and bank balances represents deposits for bank acceptance notes, guarantee deposits and deposits for migrant workers' wages, etc.

As at 30 June 2022, the amount of fixed deposit with maturity of more than 3 months in the Group's bank deposits is RMB1,768,426 thousand (31 December 2021: RMB8,658,299 thousand).

Restricted cash and bank balances mainly represents reserves with Central Bank, deposits for bank acceptance notes, guarantee deposits, pre-sale supervision fund, mortgage deposits and wage deposit of workers. As at 30 June 2022, the restricted cash and bank balances is RMB19,230,196 thousand (31 December 2021: RMB17,244,207 thousand).

As at 30 June 2022, the offshore deposits of the Group amounted to RMB39,396,785 thousand (31 December 2021: RMB31,387,163 thousand). The amount deposited abroad and restricted in remittance recovery is RMB2,064,563 thousand (31 December 2021: RMB2,622,085 thousand).

Short term time deposits are made for varying periods of between one day and one year depending on the immediate cash requirements of the Group, and earn interest at the respective short term time deposit rates.

2. Financial assets held for trading

	30 June 2022	31 December 2021
Financial assets at fair value through profit or loss		
Debt investments (note 1)	45,252	47,864
Equity investments (note 2)	6,952	23,733
Total	52,204	71,597

Note 1: The fair value of an investment in debt instrument held for trading is mainly determined based on the trading price published by the financial institution in which it trades on the last trading day of the current period.

Note 2: The fair value of an investment in equity instrument held for trading is determined based on the closing price of the last trading day of the current period of the stock exchange in which the instrument trades.

3. Notes receivable

	30 June 2022	31 December 2021
Commercial acceptance bills	11,840,896	18,247,621
Less: Impairment allowance	(279,043)	(502,016)
Total	11,561,853	17,745,605

The pledged notes receivable are as follows:

	30 June 2022	31 December 2021
Commercial acceptance bills	105,178	14,210

As at 30 June 2022 and 31 December 2021, the notes receivable that were pledged by the Group to banks for borrowings are presented in details in Note V. 70.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

3. Notes receivable (continued)

Notes receivable and impairment provisions disclosed by category:

	30 June 2022				
	Gross carrying amount		Impairment allowance		Carrying value
	Amount	Ratio (%)	Amount	Ratio (%)	
Impairment of individually accrued	2,066,612	17.45	239,944	11.61	1,826,668
Impairment of collectively accrued by credit risk portfolio	9,774,284	82.55	39,099	0.40	9,735,185
TOTAL	11,840,896	100.00	279,043	2.36	11,561,853

	31 December 2021				
	Gross carrying amount		Impairment allowance		Carrying value
	Amount	Ratio (%)	Amount	Ratio (%)	
Impairment of individually accrued	2,740,914	15.02	439,989	16.05	2,300,925
Impairment of collectively accrued by credit risk portfolio	15,506,707	84.98	62,027	0.40	15,444,680
TOTAL	18,247,621	100.00	502,016	2.75	17,745,605

Regardless of whether there is a significant financing component or not, the impairment provision of the Group's notes receivables are measured based on the lifetime ECL.

Commercial acceptance bills which had not matured but had been endorsed to other parties are as follows:

	30 June 2022		31 December 2021	
	Derecognised	Recognised	Derecognised	Recognised
Commercial acceptance bills	–	6,061,510	–	8,412,053

For the six months ended 30 June 2022, the amount of the bill turned into receivables due to the drawer's failure to perform the contract or the group's initiative to return the bill is RMB2,050,402 thousand (year 2021: RMB10,713,977 thousand).

4. Accounts receivable

(1) The ageing of accounts receivable is analysed as follows:

	30 June 2022	31 December 2021
Within 1 year	185,662,245	146,730,269
1-2 years	40,736,187	31,768,951
2-3 years	17,526,485	16,185,318
3-4 years	8,586,261	8,865,583
4-5 years	6,344,776	5,092,307
Over 5 years	8,121,531	5,296,535
Subtotal	266,977,485	213,938,963
Less: Impairment allowance	(39,240,636)	(33,239,372)
Total	227,736,849	180,699,591

V. Notes to the consolidated financial statements (continued)

4. Accounts receivable (continued)

(2) Provision for impairment:

Accounts receivable and impairment allowance are disclosed by category:

	30 June 2022				
	Gross carrying amount		Impairment allowance		Carrying value
	Amount	Ratio (%)	Amount	Ratio (%)	
Impairment of individually accrued	83,452,490	31.26	22,709,443	27.21	60,743,047
Impairment of collectively accrued by credit risk portfolio	183,524,995	68.74	16,531,193	9.01	166,993,802
Total	266,977,485	100.00	39,240,636	14.70	227,736,849

	31 December 2021				
	Gross carrying amount		Impairment allowance		Carrying value
	Amount	Ratio (%)	Amount	Ratio (%)	
Impairment of individually accrued	70,107,914	32.77	19,530,926	27.86	50,576,988
Impairment of collectively accrued by credit risk portfolio	143,831,049	67.23	13,708,446	9.53	130,122,603
Total	213,938,963	100.00	33,239,372	15.54	180,699,591

As at 30 June 2022, impairment allowance of accounts receivable individually accrued is as follows:

	Carrying amount	Impairment allowance	Expected credit loss ratio	Reasons
Company 1	2,493,570	2,493,570	100.00%	Recovery possibility
Company 2	1,660,294	148,290	8.93%	Recovery possibility
Company 3	1,543,000	1,543,000	100.00%	Recovery possibility
Company 4	1,296,840	1,003,172	77.36%	Recovery possibility
Company 5	1,283,145	61,883	4.82%	Recovery possibility
Other	75,175,641	17,459,528	23.22%	Recovery possibility
Total	83,452,490	22,709,443		

As at 31 December 2021, impairment allowance of accounts receivable individually accrued is as follows:

	Carrying amount	Impairment allowance	Expected credit loss ratio	Reasons
Company 1	2,422,103	1,723,593	71.16%	Recovery possibility
Company 2	1,643,000	1,643,000	100.00%	Recovery possibility
Company 3	1,303,425	162,928	12.50%	Recovery possibility
Company 4	1,106,794	1,015,604	91.76%	Recovery possibility
Company 5	958,498	166,689	17.39%	Recovery possibility
Other	62,674,094	14,819,112	23.64%	Recovery possibility
Total	70,107,914	19,530,926		

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

4. Accounts receivable (continued)

(2) Provision for impairment: (continued)

The accounts receivable with impairment allowance collectively accrued by credit risk portfolio are as follows:

Portfolio 1:

	30 June 2022			31 December 2021		
	Estimated gross carrying amount at default	Expected credit loss ratio (%)	Lifetime expected credit loss	Estimated gross carrying amount at default	Expected credit loss ratio (%)	Lifetime expected credit loss
Within 1 year	37,378,525	2.00	747,559	25,901,238	2.00	518,025
1-2 years	7,232,019	5.00	361,601	5,406,440	5.00	270,322
2-3 years	3,706,422	15.00	555,963	2,432,319	15.00	364,848
3-4 years	1,171,027	30.00	351,308	960,602	30.00	288,181
4-5 years	362,599	45.00	163,169	307,392	45.00	138,326
Over 5 years	348,228	100.00	348,228	329,430	100.00	329,430
Total	50,198,820		2,527,828	35,337,421		1,909,132

Portfolio 2:

	30 June 2022			31 December 2021		
	Estimated gross carrying amount at default	Expected credit loss ratio (%)	Lifetime expected credit loss	Estimated gross carrying amount at default	Expected credit loss ratio (%)	Lifetime expected credit loss
Within 1 year	3,093,157	6.00	185,622	2,759,637	6.00	165,578
1-2 years	329,412	12.00	39,530	507,748	12.00	60,930
2-3 years	322,579	25.00	80,645	311,655	25.00	77,914
3-4 years	254,001	45.00	114,300	169,648	45.00	76,342
4-5 years	135,783	70.00	95,048	33,614	70.00	23,530
Over 5 years	339,123	100.00	339,123	107,152	100.00	107,152
Total	4,474,055		854,268	3,889,454		511,446

Portfolio 3:

	30 June 2022			31 December 2021		
	Estimated gross carrying amount at default	Expected credit loss ratio (%)	Lifetime expected credit loss	Estimated gross carrying amount at default	Expected credit loss ratio (%)	Lifetime expected credit loss
Within 1 year	92,502,091	4.50	4,162,860	73,514,262	4.50	3,308,142
1-2 years	19,169,243	10.00	1,916,933	14,267,572	10.00	1,426,757
2-3 years	8,463,245	20.00	1,692,695	9,555,196	20.00	1,911,039
3-4 years	4,427,161	40.00	1,770,659	3,633,652	40.00	1,453,461
4-5 years	1,955,515	65.00	1,271,085	1,273,172	65.00	828,149
Over 5 years	2,334,865	100.00	2,334,865	2,360,320	100.00	2,360,320
Total	128,852,120		13,149,097	104,604,174		11,287,868

V. Notes to the consolidated financial statements (continued)

4. Accounts receivable (continued)

(2) Provision for impairment: (continued)

The movements in impairment allowance for accounts receivable are as follows:

For the six months ended 30 June 2022

Opening balance	Provision	Reversal	Write-off	Other movements	Closing balance
33,239,372	11,628,074	(5,996,969)	(148,352)	518,511	39,240,636

2021

As of 31 December 2020	Accounting policy alternative	Opening balance	Provision	Reversal	Write-off	Other movements	Closing balance
25,792,354	12,430	25,804,784	19,336,333	(11,108,526)	(644,966)	(148,253)	33,239,372

The major amounts reversal or collection for the six months ended 30 June 2022 are as follows:

	Reason for reversal/collection	Basis and rationality for determining the provision for impairment	Amount of reversal/collection	Way of collection
Company 1	Recovered by way of debt repayment	Individually accrued	161,490	Repayment recovery
Company 2	Recover project funds	Collectively accrued	67,030	Cash recovery
Company 3	Recovered by way of debt repayment	Individually accrued	58,066	Repayment recovery
Company 4	Recover project funds	Collectively accrued	49,662	Cash recovery
Company 5	Recovered by way of debt repayment	Individually accrued	46,806	Repayment recovery
Others	Recover project funds, etc.	Individually and collectively accrued	5,613,915	Cash withdrawal or reversal, etc.
Total			5,996,969	

(3) As at 30 June 2022, the five largest accounts receivable according to customers are analysed as follows:

	Amount	Amount of Impairment allowance	Percentage of total accounts receivable
Total amount of the five largest accounts receivable	9,349,373	4,959,432	3.50%

As at 31 December 2021, the five largest accounts receivable according to customers are analysed as follows:

	Amount	Amount of Impairment allowance	Percentage of total accounts receivable
Total amount of the five largest accounts receivable	9,138,994	3,668,654	4.27%

For the six months ended 30 June 2022, the amount of accounts receivable derecognised by the Group due to the transfer of financial assets was RMB24,426,510 thousand (2021: RMB43,232,447 thousand), and the related expenses were RMB1,077,422 thousand (2021: RMB1,968,990 thousand).

As at 30 June 2022 and 31 December 2021, accounts receivable that were pledged by the Group to banks for borrowings are presented in details in Note V. 70.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

5. Accounts receivable financing

	30 June 2022	31 December 2021
Bank acceptance bills	4,518,144	3,779,728

The Group discounts and endorses some bank acceptance bills according to the needs of daily capital management. Therefore, bank acceptance bills are classified as financial assets measured at fair value and their changes included in other comprehensive income.

Accounts receivable financing that have been endorsed or discounted on the balance sheet date but not overdue are as follows:

	30 June 2022		31 December 2021	
	Derecognised	Recognised	Derecognised	Recognised
Bank acceptance bills	1,389,352	1,636,933	1,415,666	1,389,861

As at 30 June 2022 and 31 December 2021, the Group measured impairment allowance based on the expected credit loss of the entire lifetime. The bank acceptance bills held by the assessment was not subject to significant credit risk, and the amount of expected credit loss was not significant.

6. Prepayments

The ageing analysis of prepayments is as follows:

	30 June 2022		31 December 2021	
	Carrying amount	Percentage of total balance	Carrying amount	Percentage of total balance
Within 1 year	38,563,805	90.94	46,632,724	94.44
1-2 years	1,904,214	4.49	1,636,993	3.32
2-3 years	1,284,764	3.03	717,655	1.45
Over 3 years	654,944	1.54	390,850	0.79
Total	42,407,727	100.00	49,378,222	100.00

As at 30 June 2022, prepayments aged more than 1 year amounted to RMB3,843,922 thousand (31 December 2021: RMB2,745,498 thousand), mainly including advances to subcontractors and prepayments for land use rights, where the project is not completed, or land use permit has not been obtained.

As at 30 June 2022, the five largest prepayments to suppliers are as follows:

	Amount	Percentage of total balance
Total amount of the five largest prepayments to suppliers	13,355,185	31.49%

As at 31 December 2021, the five largest prepayments to suppliers are as follows:

	Amount	Percentage of total balance
Total amount of the five largest prepayments to suppliers	21,300,072	43.14%

V. Notes to the consolidated financial statements (continued)

7. Other receivables

	30 June 2022	31 December 2021
Other receivables	67,669,149	60,951,635

The ageing analysis of other receivables is as follows:

	30 June 2022	31 December 2021
Within 1 year	48,388,538	42,312,775
1 to 2 years	14,602,721	13,203,371
2 to 3 years	4,422,506	6,364,757
3 to 4 years	4,553,936	3,812,878
4 to 5 years	1,637,394	829,282
Over 5 years	1,705,612	1,521,005
Sub-total	75,310,707	68,044,068
Less: Impairment allowance	(7,641,558)	(7,092,433)
Total	67,669,149	60,951,635

Natures of other receivables are as follows:

	30 June 2022	31 December 2021
Deposits and petty cash receivable	16,445,392	14,391,998
Advances receivable	27,217,857	24,794,860
Receivables from related parties (Note X. 7)	5,664,997	5,661,212
Deposit receivable	4,534,393	4,164,185
Others	21,448,068	19,031,813
Sub-total	75,310,707	68,044,068
Less: Impairment allowance	(7,641,558)	(7,092,433)
Total	67,669,149	60,951,635

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

7. Other receivables (continued)

Changes in impairment allowance recognised for the future 12-month ECLs and lifetime ECLs on other receivables are as follows:

For the six months ended 30 June 2022

	Stage 1	Stage 3	Total
	12-month expected credit losses	Credit-impaired financial assets (Lifetime expected) credit losses	
Opening balance of the period	2,050,663	5,041,770	7,092,433
Changes due to the opening balance			
Transfer of stages	(47,957)	47,957	–
Provision	708,134	721,160	1,429,294
Reversal	(523,191)	(363,500)	(886,691)
Write-off	–	(14,145)	(14,145)
Others	20,430	237	20,667
Closing balance of the period	2,208,079	5,433,479	7,641,558

2021

	Stage 1	Stage 3	Total
	12-month expected credit losses	Credit-impaired financial assets (Lifetime expected) credit losses	
Opening balance of the year	2,025,000	4,734,463	6,759,463
Changes due to the opening balance			
Transfer of stages	(73,704)	73,704	–
Provision	1,524,816	604,044	2,128,860
Reversal	(1,120,041)	(266,743)	(1,386,784)
Write-off	(292,788)	(96,228)	(389,016)
Others	(12,620)	(7,470)	(20,090)
Closing balance of the year	2,050,663	5,041,770	7,092,433

V. Notes to the consolidated financial statements (continued)

7. Other receivables (continued)

The major amounts reversal or collection for the six months ended 30 June 2022 is as follows:

	Reason for reversal/collection	Receivable collected	Amount of reversal/collection	Way of collection
Company 1	Receivable collected	Combined accrual	55,502	Cash
Company 2	Receivable collected	Combined accrual	28,938	Cash
Company 3	Receivable collected	Combined accrual	17,150	Cash
Company 4	Receivable collected	Combined accrual	14,716	Cash
Company 5	Receivable collected	Individual accrual	13,440	Cash
Others	Receivable collected, etc.	Individual and combined accrual	756,945	Cash or Reversal
Total			886,691	

As at 30 June 2022, other receivables from the five largest customers are as follows:

	Amount	% of total balance	Nature	Ageing	Impairment allowance Amount
Company 1	1,582,874	2.11	Account current	1 to 2 years	126,630
Company 2	918,000	1.22	Account current	1 to 2 years, 2 to 3 years	104,400
Company 3	732,762	0.97	Cash deposit	1 to 2 years	29,310
Company 4	678,542	0.90	Account current	Within 1 year, 1 to 2 years	40,525
Company 5	604,026	0.80	Cash deposit	1 to 2 years	1,812
Total	4,516,204	6.00			302,677

As at 31 December 2021, other receivables from the five largest customers are as follows:

	Amount	% of total balance	Nature	Ageing	Impairment allowance Amount
Company 1	1,584,775	2.33	Account current	Within 1 year, 1 to 2 years	122,377
Company 2	1,125,658	1.65	Cash deposit	Within 1 year, 1 to 2 years	44,026
Company 3	926,360	1.36	Account current	Within 1 year	36,807
Company 4	918,000	1.35	Account current	1 to 2 years, 2 to 3 years	104,400
Company 5	626,726	0.92	Account current	Within 1 year, 1 to 2 years	40,275
Total	5,181,519	7.61			347,885

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

8. Inventories

	30 June 2022			31 December 2021		
	Carrying amount	Impairment provision	Net value	Carrying amount	Impairment provision	Net value
Properties under development	594,562,926	(3,462,276)	591,100,650	568,518,817	(3,184,784)	565,334,033
Completed properties for sale	130,258,930	(999,405)	129,259,525	112,087,777	(873,390)	111,214,387
Raw materials	23,865,168	(21,990)	23,843,178	21,070,400	(21,110)	21,049,290
Work in progress	1,303,756	–	1,303,756	926,326	–	926,326
Finished goods	4,403,477	(2,909)	4,400,568	4,781,195	(2,971)	4,778,224
Others	94,603	–	94,603	143,889	–	143,889
Total	754,488,860	(4,486,580)	750,002,280	707,528,404	(4,082,255)	703,446,149

As at 30 June 2022 and 31 December 2021, the inventories that were pledged by the Group to banks for borrowings are presented in details in Note V. 70.

The details of properties under development are as follows:

Project Name	Date of commencement	Estimated completion time	Estimated completion investment	30 June 2022	31 December 2021
Asian Games City	November 2011	October 2025	18,153,341	22,780,870	–
Beijing Daji Critical Reform Project	January 2003	December 2025	31,091,216	19,421,043	19,135,708
Jianguo East Road 69th Street	July 2022	June 2025	35,754,365	13,980,651	11,924,394
Hong Kong Kai Tak 6575 Plot Project	October 2019	June 2023	11,106,502	10,012,177	8,761,999
Zhuheng Land Reserve 2020-06 Lot	March 2021	November 2024	15,380,153	9,084,114	11,325,546
Beijing Yizhuang Smart City Project	December 2020	December 2022	11,329,343	8,581,109	9,272,816
Yangpu Project	June 2022	June 2025	9,300,000	7,717,509	–
Shanghai Hongkou District Duolun Road Project	November 2015	December 2025	10,940,594	7,121,949	7,000,403
Guanggang No.234 Plot	March 2022	December 2023	11,193,700	7,087,996	3,201,194
Zhonghai Universe World four Period	December 2020	December 2023	10,580,950	6,523,116	7,115,274
Canal new town 22 Plots	December 2021	December 2024	7,953,169	6,497,639	3,008,423
Jinan Zhonghai Huashanlongcheng Project	July 2014	July 2024	50,021,918	5,765,579	7,024,918
Zhonghai Huideli Mansion	March 2022	June 2024	8,116,129	5,319,762	6,044,902
CSCEC Yipin Xuefu Residence	March 2022	June 2024	6,184,208	5,242,075	–
Yongfeng Project	May 2022	October 2023	6,089,037	4,984,168	4,658,325
Jianqiao first batch of construct Project of the Hanyang district, Wuhan city	July 2020	December 2027	22,200,054	4,936,199	3,991,852
Beijing Company Rice Field Project	November 2020	December 2022	5,602,640	4,889,408	4,766,084
China Construction LuMing mansion Project	June 2021	September 2024	7,129,000	4,881,106	4,471,866
Wan jin West	September 2021	December 2023	6,222,670	4,869,361	4,494,182
Tianjin Park City	May 2013	December 2025	16,813,110	4,850,495	4,559,543
CSCEC Yipin Xuefu Residence West District	February 2022	June 2024	6,000,000	4,725,768	–
Zhonghai Songhuayasong Garden	April 2021	April 2023	5,514,270	4,667,410	3,985,128

V. Notes to the consolidated financial statements (continued)

8. Inventories (continued)

The details of properties under development are as follows: (continued)

Project Name	Date of commencement	Estimated completion time	Estimated completion investment	30 June 2022	31 December 2021
Nanjing Xiyuan mansion	July 2018	December 2022	9,200,000	4,649,487	4,283,140
Guangzhou Nanzhou Road Project	March 2021	October 2023	5,757,869	4,583,096	4,755,781
Beixin'an Shantytowns Renovation Project	July 2014	August 2022	30,360,089	4,567,262	3,581,456
Cuilanyunjing	February 2022	December 2023	5,998,619	4,556,933	–
Shunyi East Project	October 2021	December 2024	7,410,160	4,431,468	4,280,518
CSCEC Tianfu Residence phase I	July 2018	December 2024	9,796,000	4,173,909	4,213,904
246 Xiangshan's Island Project	December 2020	June 2025	4,470,786	4,121,935	3,870,786
Zhonghai Beilonghuzhu	July 2021	September 2024	5,316,020	4,019,278	3,770,830
Jiangbei district 2021 g15	December 2021	October 2023	5,343,490	3,997,983	3,730,971
Shenzhen Zhonghai Minzhi Project	March 2021	December 2022	4,264,120	3,990,902	3,459,890
Suzhou high tech Zone headquarters base residence	April 2022	December 2024	5,800,000	3,828,719	–
Zhongjian Bo Mansion	September 2018	December 2024	7,744,760	3,817,640	3,947,934
Dalian CITIC Harbour City	January 2013	December 2023	7,500,000	3,753,575	3,681,643
Changxindian Project	December 2013	December 2022	4,000,000	3,739,290	3,566,535
Guanggang Nanping continent Plot	October 2021	October 2023	4,900,748	3,721,985	3,537,916
Huizhili	March 2022	December 2024	4,976,021	3,667,740	–
Wuhan China Construction starlight city KT2 Plot	January 2019	June 2023	7,542,810	3,639,083	3,278,089
Dongguan Zhonghai Qirui garden	November 2021	September 2023	4,754,784	3,615,599	3,247,144
Zhonghai Guanyuan project	January 2022	December 2023	5,200,000	3,605,320	3,266,297
Changzhou hongken project	January 2021	September 2023	5,270,948	3,549,154	3,415,087
No.1 consulate	October 2020	December 2022	4,666,580	3,478,525	3,503,254
Unit fxc1-0016, Fengxian new town Commercial housing project of plot 27-06	August 2021	March 2024	4,479,000	3,390,279	115,200
Zhonghai Songshan Lake Garden	November 2020	December 2022	3,905,653	3,304,284	3,157,046
Dalian CITIC Harbour City	November 2021	October 2023	4,122,226	3,274,144	3,681,643
Kangqiao plot 10-09	December 2020	September 2023	4,889,842	3,249,123	3,069,167
Longhua experiment West Project	March 2022	December 2023	4,784,671	3,205,771	2,924,880
No.0056 Plot Project	November 2020	November 2022	4,635,540	3,143,372	3,030,955
Wuhan CSCEC Residence	January 2015	October 2025	13,498,480	3,101,960	2,568,201
Leading scientists community 02 group Projects	June 2021	December 2023	6,110,000	3,074,240	2,698,410
TianJin 609 Factory Project	August 2021	September 2023	4,138,700	3,012,407	2,770,378
Shenzhen Guangming Shuxi Project	July 2020	December 2022	4,268,144	2,993,972	3,296,776
Dalian Taigu Square Project	December 2021	May 2028	5,103,420	2,978,572	3,415,087
Guiyang Zhonghai Yingshan Lake Project	February 2020	December 2022	6,626,460	2,974,434	4,738,287
Shanghai Shengxiang academy B0701 Project	July 2021	December 2023	4,897,830	2,902,900	2,693,433
Suzhou Land 2021-wg-78 plot project	March 2022	May 2024	5,500,000	2,880,961	–

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

8. Inventories (continued)

The details of properties under development are as follows: (continued)

Project Name	Date of commencement	Estimated completion time	Estimated completion investment	30 June 2022	31 December 2021
Taiyuan North Lihua Project	December 2020	May 2023	4,130,130	2,798,210	2,602,709
Yue lake county	March 2022	September 2023	3,496,650	2,795,001	2,165,517
Longgang district Baolong Project	February 2022	April 2024	4,756,310	2,792,064	2,439,786
Old palace	July 2022	May 2024	3,979,140	2,782,374	–
COA 99 Hudson	February 2016	December 2022	5,754,590	2,771,983	2,859,642
Southwest Forestry University	April 2021	December 2022	3,756,500	2,758,861	2,542,126
Ningbo Yijiangyuanjing	April 2021	October 2024	3,898,065	2,741,824	2,473,203
Suzhou HuShuGuan Project	December 2021	October 2024	5,000,000	2,737,597	2,688,062
Others				271,450,206	320,454,577
Total				594,562,926	568,518,817

The details of completed properties held for sale are as follows:

For the six months ended 30 June 2022

Project Name	completion time of the latest phase	At the beginning of the balance	Additions	Deductions	At the end of the balance
Zhongjian · Jinxiu world B、C block	June 2022	171,050	6,232,116	1,974,800	4,428,366
Fengtai Zaojia Village	June 2022	–	7,295,108	3,490,934	3,804,174
Jiangsu 2017-WG-40 Plot	January 2022	–	4,770,955	2,194,741	2,576,214
Yunlujiuli II Phase/Dongbaisha River Ground A1	December 2021	2,892,117	–	363,593	2,528,524
Xinzhuyuanjing	June 2022	–	5,221,530	2,800,285	2,421,245
Zhonghai Universe World	December 2021	2,791,685	–	593,266	2,198,419
Dalian CITIC Harbour City	December 2021	2,687,779	–	568,884	2,118,895
Asian Games City	June 2022	–	1,974,199	–	1,974,199
Jilin Changchun Zhonghai Shengshi City	June 2022	1,721,589	135,994	30,571	1,827,012
Zhonghai Xi Garden	June 2021	1,910,714	–	168,216	1,742,498
Dalian Zhonghai Park Uptown Project	June 2022	1,579,209	774,593	642,763	1,711,039
No.9 Mansion	June 2021	1,937,460	–	236,472	1,700,988
Zhonghai Lichun Lake Villa	December 2021	2,153,057	–	531,014	1,622,043
Tianjin city park project	June 2020	1,843,482	–	311,833	1,531,649
Mirror of the sky	June 2022	–	4,247,787	2,727,870	1,519,917
Zhongjian Huafu-B Plot-Real Estate	June 2022	1,406,700	174	–	1,406,874
Comprehensive Reform Zone Yangzhuang Project	June 2022	515,511	1,773,788	886,783	1,402,516
Jinan Bright Yuefu Project	June 2022	1,328,984	37,644	–	1,366,628
Zhengzhou Zhonghai Wanjinxi'an	December 2021	1,307,346	–	–	1,307,346
Changchun Zhonghai Jincheng	October 2021	1,427,763	–	143,514	1,284,249
Harbin Zhonghai Tianyu	December 2021	1,391,000	–	184,652	1,206,348

V. Notes to the consolidated financial statements (continued)

8. Inventories (continued)

The details of completed properties held for sale are as follows: (continued)

For the six months ended 30 June 2022 (continued)

Project Name	completion time of the latest phase	At the beginning of the balance	Additions	Deductions	At the end of the balance
Science and Technology City Project	June 2022	–	1,675,220	485,374	1,189,846
Zhonghairuyuan	March 2022	1,221,149	99,022	185,779	1,134,392
Tianjin 055 Plot Project	June 2022	959,184	538,642	392,858	1,104,968
CSCEC Yueqianyajū	April 2022	–	1,611,147	518,429	1,092,718
Kafu Project	June 2022	604,534	865,930	410,232	1,060,232
Goya Park Project	June 2022	534,942	800,160	285,823	1,049,279
Zhonghai Yunzhu	November 2020	1,218,674	–	170,006	1,048,668
Zhaoqing Zhonghai New City Mansion	June 2022	1,064,676	3,037	50,293	1,017,420
Jilin Changchun Zhonghai Shengshi City C	June 2022	1,027,892	135	24,689	1,003,338
Singapore Jalan Jurong Keji residential plot cooperative development project	June 2022	–	979,860	–	979,860
Zhonghai Wansongjiuli	June 2022	1,082,316	1,957	104,544	979,729
537 Greenwich Senior apartment project	June 2022	1,287,597	1,233,158	1,547,007	973,748
Zhonghai Chunxiaodongyuan	June 2022	–	1,185,954	273,221	912,733
Chengdu Zhonghai Yunlushijia	June 2022	944,998	–	41,830	903,168
Guangzhou Zhonghai Zuo'an Lanting Project	September 2021	1,050,683	–	152,501	898,182
Yinghai Second third House Project	December 2021	723,816	2,112,850	1,946,597	890,069
Zhonghai Songhuhuating	June 2022	–	1,550,433	684,230	866,203
Nanjing Guoxi Mansion	December 2021	856,452	–	–	856,452
Zhonghai Yonghexi'an Mansion	June 2022	1,060,401	–	206,385	854,016
Zhuheng land storage 2020-06 plot	January 2022	–	2,979,646	2,163,591	816,055
Wenhan Lake project	December 2021	–	4,401,282	3,588,349	812,933
Chongqing Lixianghu Project	June 2022	852,382	–	53,689	798,693
Kowloon peak	June 2022	759,144	36,461	–	795,605
Zhonghai Shijihui Garden	December 2021	838,538	–	45,667	792,871
Taiyuan Zhonghai international community	June 2022	1,120,106	5,637	343,877	781,866
Tsingdao Linxishijia Project	June 2022	999,313	18,112	246,908	770,517
Runshan Mansion	June 2021	848,689	–	81,258	767,431
Zhonghai Universe Times	December 2021	853,761	22,590	110,849	765,502
Lot 2013-41, No. 1 Yulu Road, Hangzhou	June 2022	708,158	43,310	1,108	750,360
Kunming Zhonghai Yunzhu	December 2021	1,057,776	–	314,123	743,653
Zhonghai Jincheng International	November 2020	755,620	–	25,454	730,166
Nanjing Xiyuan Mansion	June 2022	1,276,594	14,923	578,837	712,680
Zhonghai Shangxuefu phase 2 and phase 3	June 2022	335,467	379,910	3,889	711,488
China-Construction-Chi Cube (Hefei China Construction Industrial Base)	June 2022	701,414	7,679	11,434	697,659
Tianjin City Plaza	June 2022	1,049,209	3,394	357,307	695,296

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

8. Inventories (continued)

The details of completed properties held for sale are as follows: (continued)

For the six months ended 30 June 2022 (continued)

Project Name	completion time of the latest phase	At the beginning of the balance	Additions	Deductions	At the end of the balance
Zhongjian · Jinxiu world B、C block	December 2021	699,708	–	16,742	682,966
Dragon Bay U-live	November 2021	715,766	–	34,299	681,467
Nanchang Zhonghai sunshine Rose Garden	June 2022	425,177	249,449	64	674,562
Zhonghai fangshanyin project	June 2022	–	2,864,235	2,200,788	663,447
Jilin Changchun Gaoxin district Chaofan Street No.83# Plot	December 2021	745,718	–	90,151	655,567
Haizhu daganwei plot project	June 2022	255,489	5,192,628	4,800,205	647,912
Jinan CSCEC GuoXitai phase II	April 2022	–	2,212,415	1,576,508	635,907
Jiaodong International Airport Ligezhuang Staff Dormitory Project B Plot	June 2022	629,322	4,498	1,073	632,747
Shengyang Wangjing House	June 2021	864,565	–	232,670	631,895
Huideli	June 2022	–	726,641	154,775	571,866
Guiyang Zhonghai Yingshan Lake project	March 2022	–	1,975,482	1,403,864	571,618
Xingang Senior apartment project	March 2022	1,016,381	380,646	837,033	559,994
Fuzhou Zhonghai Jincheng Garden	June 2022	714,811	5,647	162,668	557,790
Zhonghai yunjin	June 2022	–	2,824,262	2,267,799	556,463
Zhonghai Hongzhu Project	January 2021	556,391	–	2,065	554,326
Shanghai Jiufengli Phase I Project	June 2022	1,026,359	–	474,720	551,639
Jinan Zhonghai Huashanlongcheng Project	June 2022	956,447	2,413,631	2,828,839	541,239
Erzhiyao	June 2022	–	1,121,726	582,020	539,706
Zhongjian-No.7 Yard Project	June 2022	490,388	48,526	–	538,914
Plot B3 of Ligezhuang new community	June 2022	–	733,956	207,742	526,214
Lot No. 42, No. 1 Royal Road, Hangzhou	June 2022	634,054	3,332	115,273	522,113
Zhonghai Jinjia Huating	June 2022	531,509	–	17,591	513,918
Jinzhan	June 2022	–	5,253,100	4,741,281	511,819
Mingzhu Park Seven Plot	June 2021	647,744	–	140,703	507,041
Fuzhou Zhonghai Jinxi Mansion	February 2021	515,749	–	10,279	505,470
Fuzhou Zhonghai Phoenix Xi'an	February 2021	598,901	–	100,172	498,729
Zhonghai Wanjin Mansion	March 2021	577,766	–	80,148	497,618
Jilin Changchun Zhonghai-Shangxue Mansion Phase I	June 2022	505,644	–	10,287	495,357
Jinxinding plot 2-1	June 2022	–	1,072,877	581,437	491,440
Zhonghai cuijingyuan-126 and 127 plots	June 2022	189,197	420,150	123,085	486,262
Zhonghai Huideli Garden	December 2021	812,899	27	334,092	478,834
Tianfuli	June 2022	328,187	261,334	111,664	477,857
Others		44,790,674	59,292,031	64,423,411	39,659,294
Total		112,087,777	140,090,930	121,919,777	130,258,930

V. Notes to the consolidated financial statements (continued)

8. Inventories (continued)

Movements in the carrying amount of inventories are as follows:

For the six months ended 30 June 2022

	At the beginning of the balance	Additions	Deductions	At the end of the balance
Properties under development	568,518,817	167,198,584	(141,154,475)	594,562,926
Completed properties held for sale	112,087,777	140,090,930	(121,919,777)	130,258,930
Raw materials	21,070,400	304,475,911	(301,681,143)	23,865,168
Work in progress	926,326	1,828,563	(1,451,133)	1,303,756
Finished goods	4,781,195	22,492,046	(22,869,764)	4,403,477
Others	143,889	3,854,252	(3,903,538)	94,603
Total	707,528,404	639,940,286	(592,979,830)	754,488,860

2021

	At the beginning of the balance	Additions	Deductions	At the end of the balance
Properties under development	575,666,522	310,738,209	(317,885,914)	568,518,817
Completed properties held for sale	79,177,264	300,114,770	(267,204,257)	112,087,777
Raw materials	20,162,325	600,307,299	(599,399,224)	21,070,400
Work in progress	716,040	4,027,627	(3,817,341)	926,326
Finished goods	3,298,251	52,991,031	(51,508,087)	4,781,195
Others	302,270	4,225,281	(4,383,662)	143,889
Total	679,322,672	1,272,404,217	(1,244,198,485)	707,528,404

Movements in the impairment provision of inventories are as follows:

For the six months ended 30 June 2022

	1 January 2022	Increase during the period		Decrease during the period			30 June 2022
		Accrual	Others	Reversal	Write-off	Others	
Properties under development	3,184,784	211,179	66,313	-	-	-	3,462,276
Completed properties held for sale	873,390	135,637	12,870	(14,598)	(7,894)	-	999,405
Raw materials	21,110	880	-	-	-	-	21,990
Finished goods	2,971	-	-	-	-	(62)	2,909
Total	4,082,255	347,696	79,183	(14,598)	(7,894)	(62)	4,486,580

2021

	1 January 2021	Increase during the year		Decrease during the year			31 December 2021
		Accrual	Others	Reversal	Write-off	Others	
Properties under development	3,537,411	291,532	(599,600)	-	-	(44,559)	3,184,784
Completed properties held for sale	557,024	360,280	599,600	(612,225)	(10,878)	(20,411)	873,390
Raw materials	17,803	16,999	-	(8,126)	(5,566)	-	21,110
Finished goods	60,411	21,149	-	(59,266)	(19,323)	-	2,971
Total	4,172,649	689,960	-	(679,617)	(35,767)	(64,970)	4,082,255

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

8. Inventories (continued)

Impairment provision of inventories is as follows:

	Net realisable value	Reasons of reversal and write-off during the period
Properties under development	Expected selling price less estimated costs to be incurred at completion, the estimated selling expenses and the relevant taxes and fees	Net realisable value increased or sales realised
Completed properties held for sale		
Raw materials		

9. Contract assets

	30 June 2022	31 December 2021
Receivables for PPP project	187,185,923	178,025,774
Receivables for Construction project	217,658,092	157,365,439
Project quality warranty	104,981,187	95,660,093
Franchise rights not yet in operation	12,955,566	10,437,049
Primary land development	10,772,938	9,510,441
Others	4,709,644	3,670,867
Sub-total	538,263,350	454,669,663
Less: Provision for impairment allowance of contract assets	(10,110,424)	(8,829,823)
Sub-total	528,152,926	445,839,840
Less: Contract assets disclosed within the other non-current assets (Note V, 25)	(229,925,489)	(219,705,701)
Less: Contract assets disclosed within the intangible assets (Note V, 21)	(12,955,566)	(10,437,049)
Total	285,271,871	215,697,090
Original value of current contract assets	292,141,040	221,792,091
Provision for impairment allowance of current contract assets	(6,869,169)	(6,095,001)

The Group provides construction services to customers and revenue recognised based on performance progress in excess of progress billings is presented as contract assets. Upon settlement with the customers, the Group has an unconditional rights to receivable payments and the amounts recognised as contract assets are reclassified to trade receivables.

Changes in provision for impairment of contract assets are as follows:

For the six months ended 30 June 2022

1 January 2022	Provision	Reversal	Other changes	30 June 2022
8,829,823	2,626,703	(1,355,854)	9,752	10,110,424

For the year ended 31 December 2021

31 December 2020	Changes in accounting policies	1 January 2021	Provision	Reversal	Write-offs	Other changes	31 December 2021
5,331,714	377,813	5,709,527	4,129,718	(856,222)	(105,649)	(47,551)	8,829,823

V. Notes to the consolidated financial statements (continued)

9. Contract assets (continued)

The changes in the impairment allowance of the current part of contract assets are as follows:

For the six months ended 30 June 2022

1 January 2022	Provision	Reversal	Other changes	30 June 2022
6,095,001	1,829,451	(1,060,819)	5,536	6,869,169

For the year ended 31 December 2021

31 December 2020	Changes in accounting policies	1 January 2021	Provision	Reversal	Write-offs	Other changes	31 December 2021
3,818,976	15,134	3,834,110	3,060,483	(671,997)	(105,649)	(21,946)	6,095,001

Whether the contract assets have significant financing components or not, the provisions for impairment is measured according to the expected credit loss of the whole duration.

	30 June 2022			
	Gross carrying amount		Provision for bad debts	
	Amount	Ratio (%)	Amount	Withdrawal ratio (%)
Impairment of individually accrued	56,668,496	19.40	5,487,818	9.68
Impairment of collectively accrued by credit risk portfolio	235,472,544	80.60	1,381,351	0.59
Total	292,141,040	100.00	6,869,169	2.35

	31 December 2021			
	Gross carrying amount		Provision for bad debts	
	Amount	Ratio (%)	Amount	Withdrawal ratio (%)
Impairment of individually accrued	41,867,440	18.88	5,070,255	12.11
Impairment of collectively accrued by credit risk portfolio	179,924,651	81.12	1,024,746	0.57
Total	221,792,091	100.00	6,095,001	2.75

As at 30 June 2022, contract assets individually assessed for expected credit losses are as follows:

	Carrying amount	Impairment allowance	ECLs rate for the entire lifetime (%)	Reasons
Company 1	1,237,646	19,053	1.54	Note
Company 2	636,902	63,690	10.00	Note
Company 3	486,732	5,935	1.22	Note
Company 4	405,254	81,051	20.00	Note
Company 5	422,435	123,845	29.32	Note
Others	53,479,527	5,194,244	9.71	Note
Total	56,668,496	5,487,818		

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

9. Contract assets (continued)

As at 31 December 2021, contract assets individually assessed for expected credit losses are as follows:

	Carrying amount	Impairment allowance	ECLs rate for the entire lifetime (%)	Reasons
Company 1	1,124,502	324,276	28.84	Note
Company 2	626,795	62,679	10.00	Note
Company 3	375,643	117,651	31.32	Note
Company 4	210,724	210,724	100.00	Note
Company 5	191,841	44,124	23.00	Note
Others	39,337,935	4,310,801	10.96	Note
Total	41,867,440	5,070,255		

Note: The Group provides construction services to customers above. Due to the shortage of funds of the customers, the Group expected some contract assets are difficult to be settled and impairment allowance is provided accordingly.

The terminated contract assets by the Group are presented in detail in Note V. 4.

As at 30 June 2022 and 31 December 2021, the contract assets that were pledged by the Group to banks for borrowings are presented in detail in Note V, 70.

10. Non-current assets due within one year

	30 June 2022	31 December 2021
Current portion of long-term receivables (Note V. 13)	38,781,567	37,533,388
Current portion of debt Investments (Note V. 12)	5,197,418	5,876,235
Current portion of other debt Investments	76,000	142,945
Others	212,093	452,962
Total	44,267,078	44,005,530

11. Other current assets

	30 June 2022	31 December 2021
Input VAT to be credited	40,559,583	39,979,720
Prepaid taxes	42,649,311	39,435,905
Receivables from Related parties (Note X,7)	19,892,295	20,874,947
Short term debt investment measured at amortization cost	6,089,671	5,196,946
Others	9,777,619	6,270,094
Sub-total	118,968,479	111,757,612
Less: Provision for impairment allowance	(1,639,957)	(938,045)
Total	117,328,522	110,819,567

V. Notes to the consolidated financial statements (continued)

12. Debt investments

	30 June 2022		
	Gross carrying amount	Provision for impairment	Carrying amount
Loans receivable from related parties (Note X,7)	24,090,097	(8,160)	24,081,937
Entrusted loans	633,080	(4,460)	628,620
Including: Entrusted loans from related parties (Note X,7)	365,801	(3,658)	362,143
Others	2,463,683	(212,824)	2,250,859
Sub-total	27,186,860	(225,444)	26,961,416
Less: Debt investments of non-current assets due within one year (Note V,10)	5,404,609	(207,191)	5,197,418
Total	21,782,251	(18,253)	21,763,998

	31 December 2021		
	Gross carrying amount	Provision for impairment	Carrying amount
Loans receivable from related parties (Note X,7)	24,040,370	(7,414)	24,032,956
Entrusted loans	633,106	(4,502)	628,604
Including: Entrusted loans from related parties (Note X,7)	359,732	(3,597)	356,135
Others	2,372,442	(212,437)	2,160,005
Sub-total	27,045,918	(224,353)	26,821,565
Less: Debt investments of non-current assets due within one year (Note V,10)	6,083,043	(206,808)	5,876,235
Total	20,962,875	(17,545)	20,945,330

13. Long-term receivables

	30 June 2022	31 December 2021
Receivables from PPP projects	26,914,686	26,074,992
Receivables from BT projects	56,889,876	60,541,030
Primary land development	27,828,785	27,643,763
Receivables from other construction projects	21,602,794	25,387,431
Project quality warranty	2,544,089	2,391,994
Due from related parties (Note X. 7)	17,027	15,053
Others	1,161,543	515,458
Sub-total	136,958,800	142,569,721
Less: impairment allowance	1,926,583	1,726,130
Sub-total	135,032,217	140,843,591
Less: due within 1 year (Note V. 10)	38,781,567	37,533,388
Total	96,250,650	103,310,203

As at 30 June 2022 and 31 December 2021, the Group pledged long-term receivables to banks as guarantees for obtaining loans, please refer to Note V. 70.

14. Long-term equity investments

	30 June 2022	31 December 2021
Joint ventures	50,784,493	49,067,301
Associates	54,180,316	52,065,058
Sub-total	104,964,809	101,132,359
Less: Impairment allowance for long term equity investment	293,820	293,820
Total	104,670,989	100,838,539

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

14. Long-term equity investments (continued)

For the six months ended 30 June 2022

(a) Joint venture

	Opening Balance of the period	Movement during the period					Closing balance of the period	Impairment allowance at the end of the period
		Increase/(Decrease) investment	Investment profits/(losses) under equity method	Other comprehensive income adjustment	Declaration of cash dividends	Others (Note 1)		
Guilong Investment Co., Ltd.	2,612,784	-	34,507	-	-	-	2,647,291	-
Guizhou Zhengxi Expressway Investment Management Co., Ltd.	2,422,996	-	(54,107)	-	-	462	2,369,351	-
Xuzhou Line 3 Rail Transit Investment and Development Co., Ltd.	1,154,928	800,000	-	-	-	-	1,954,928	-
CITIC Baolida Real Estate (Foshan) Co., Ltd.	1,908,276	-	45,135	-	-	-	1,953,411	292,462
Xiamen Haimao Real Estate Co., Ltd.	1,824,133	-	(3,840)	-	-	-	1,820,293	-
Zunyi Nanhuan Expressway Development Co. Ltd.	1,545,576	-	61,159	-	-	-	1,606,735	-
Guizhou Leirong Expressway Investment Management Co., Ltd.	1,321,507	220,442	-	-	-	9,660	1,551,609	-
CSCEC Jianxin No. 9 Urbanization Investment Private Equity Fund.	1,248,043	-	-	-	-	-	1,248,043	-
Beijing Chenxing International Convention and Exhibition Co., Ltd.	1,199,964	-	-	-	-	-	1,199,964	-
Zhengzhou CSCEC Shenzhen Rail Transit Co., Ltd.	1,028,458	244,607	(101,695)	-	-	-	1,171,370	-
CSCEC New Urbanization (Xinjiang) Investment Co., Ltd.	1,154,265	7,146	(2,250)	-	-	-	1,159,161	-
CSCEC Road & Bridge Group Co., Ltd.	1,149,729	(793,759)	4,680	(266)	-	(28,212)	1,125,931	-
Qingdao Haijie Real Estate Co., Ltd.	1,761,322	-	98,421	-	-	-	1,065,984	-
Nanjing Second Yangtze River Bridge Co., Ltd.	1,202,302	-	56,040	-	(214,739)	19,396	1,062,999	-
Anhui Bengwu Expressway Investment Management Co., Ltd.	1,045,167	-	-	-	-	5,066	1,050,233	-
Shanghai Lingang New District Jingang Dongjiu Real Estate Co., Ltd.	909,040	-	1,289	-	-	-	910,329	-
Shanghai Lingbo Hailui City Construction and Development Co., Ltd.	883,409	13,992	(6,857)	-	-	(4,735)	885,809	-
Lupanshui urban pipe gallery construction and Development Investment Co., Ltd.	854,001	-	-	-	-	-	854,001	-
China South Airlines Construction & Development Co., Ltd.	812,302	-	(12,342)	-	-	-	799,960	-
Beijing Nanyue Real Estate Development Co., Ltd.	766,668	-	925	-	-	-	767,593	-
Chongqing Zhongjian Erhengxian Infrastructure Construction Co., Ltd.	686,780	-	11,715	-	-	-	698,495	-
Zhongjian Haijia (Foshan) Investment Construction Co. Ltd.	524,341	-	69,919	-	-	15,998	610,258	-
Xinggui Investment Co., Ltd.	595,813	-	4,474	-	-	-	600,287	-
Others	20,455,497	848,505	691,389	2,056	(92,004)	(234,985)	21,670,458	1,358
Joint ventures sub-total	49,067,301	1,340,933	898,562	1,790	(306,743)	(217,350)	50,784,493	293,820

Note 1: Other changes are mainly caused by the changes in the investee's other equity movement other than other comprehensive income and the volatility of foreign exchange rate.

V. Notes to the consolidated financial statements (continued)

14. Long-term equity investments (continued)

For the six months ended 30 June 2022 (continued)

(b) Associates

	Opening Balance of the period	Movement during the period					Closing balance of the period	Impairment allowance at the end of the period
		Increase/(Decrease) investment	Investment profits/(losses) under equity method	Other comprehensive income adjustment	Declaration of cash dividends	Others (Note 1)		
China Overseas Grand Oceans Group Ltd.	11,008,526	-	938,815	(316,964)	(325,103)	115,397	11,420,671	-
Anhui Guoyuan Trust Co., Ltd.	3,208,922	-	80,120	30,302	-	(8,000)	3,311,344	-
CCCC Jijiao Expressway Investment & Development Co., Ltd.	1,650,377	-	(38,541)	-	-	-	1,611,836	-
Jiqing Express Railway Co., Ltd.	2,262,313	-	(13,363)	-	-	-	2,248,950	-
Everbright Securities Co., Ltd.	1,498,311	-	-	-	-	78,892	1,577,203	-
Yunnan Huali expressway investment and Development Co., Ltd.	1,561,094	-	-	-	-	-	1,561,094	-
Samrenxia National Highway 310 South Moving Project Construction Management Co., Ltd.	1,263,227	-	(88,032)	-	-	-	1,175,195	-
Shandong Qilu Ningliang Expressway Co., Ltd.	1,033,900	-	-	-	-	-	1,033,900	-
Anhui Guoyuan Investment Co., Ltd.	1,012,527	-	10,552	(66)	-	27	1,023,040	-
Taizhongyin Railway Co., Ltd.	933,707	-	15,653	-	-	-	949,360	-
Suzhou Fuyuan Real Estate Co., Ltd.	945,284	-	(2,649)	-	-	-	942,635	-
Fast Shift Investments Limited	1,025,572	-	(2,055)	-	(191,632)	88,940	920,925	-
Xian Silk Road Rail Rongcheng Real Estate Development Co., Ltd.	-	895,200	-	-	-	-	895,200	-
Nantong Ring Expressway Co., Ltd.	888,624	-	-	-	-	-	888,624	-
Jimiao Investment (Changsha) Co., Ltd.	808,297	-	9,222	-	-	-	817,519	-
China State Construction Xian Urban Construction Investment Co., Ltd.	628,013	-	53,375	-	-	-	681,388	-
Guangzhou Fuchuang Real Estate Development Co., Ltd.	636,062	-	(2,540)	-	-	-	633,522	-
Tianjin Zhonghai Haixin Real Estate Co., Ltd.	-	-	-	-	-	622,523	622,523	-
Chongqing Jinke Zhaoli Real Estate Development Co., Ltd.	622,466	-	-	-	-	-	622,466	-
Shanghai Jiasheng Real Estate Development Co., Ltd.	984,889	(364,514)	3	-	-	-	620,378	-
Luanshui Dongda Highway Investment and Development Co., Ltd.	496,262	-	(1,314)	-	-	(3,233)	491,715	-
Zhengzhou Public Utilities Zhongcheng Road and Bridge Construction Management Co., Ltd.	477,658	-	6,097	-	-	-	483,755	-
Shanxi International Power Group Real Estate Development Co., Ltd.	469,372	-	-	-	-	-	469,372	-
Other	18,649,655	928,257	484,249	(31,988)	(24,524)	(827,848)	19,177,801	-
Associates sub-total	52,065,058	1,458,943	1,449,592	(318,716)	(541,259)	66,698	54,180,316	-
Total	101,132,359	2,799,876	2,348,154	(316,926)	(848,002)	(150,652)	104,964,809	293,820

Note 1: Other changes are mainly caused by the changes in the investee's other equity movement other than other comprehensive income and the volatility of foreign exchange rate.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

14. Long-term equity investments (continued)

2021

(a) Joint venture

	Opening Balance of the year	Movement during the year					Closing balance of the year	Impairment allowance at the end of the year
		Increase/(Decrease) investment	Investment profits/(losses) under equity method	Other comprehensive income adjustment	Declaration of cash dividends	Others (Note 1)		
Guilong Investment Co., Ltd.	2,413,091	-	199,693	-	-	-	2,612,784	-
Guizhou Zhengxi Expressway Investment Management Co., Ltd.	2,452,818	-	(29,443)	(379)	-	-	2,422,996	-
Xiamen Haimao Real Estate Co., Ltd.	-	1,846,000	(21,867)	-	-	-	1,824,133	-
Qingdao Haijia Real Estate Co., Ltd.	-	-	(2,087)	-	-	1,763,409	1,761,322	-
CITIC Baolida Real Estate (Foshan) Co., Ltd.	1,925,754	-	(17,478)	-	-	-	1,908,276	292,462
Zunyi Nanhuan Expressway Development Co. Ltd.	1,402,963	46,550	96,063	-	-	-	1,545,576	-
Guizhou Leirong Expressway Investment Management Co., Ltd.	1,004,347	329,667	-	(12,507)	-	-	1,321,507	-
CSCEC Jianxin No. 9 Urbanization Investment Private Equity Fund.	1,230,138	22,643	106,596	-	(111,334)	-	1,248,043	-
Nanjing Second Yangtze River Bridge Co., Ltd.	1,010,136	-	214,589	(948)	(21,475)	-	1,202,302	-
Beijing Chenxing International Convention and Exhibition Co., Ltd.	-	1,199,964	-	-	-	-	1,199,964	-
Xuzhou Line 3 Rail Transit Investment and Development Co., Ltd.	395,744	759,184	-	-	-	-	1,154,928	-
CSCEC New Urbanization (Xinjiang) Investment Co., Ltd.	826,422	292,882	44,703	-	(9,712)	-	1,154,265	-
CSCEC Road & Bridge Group Co., Ltd.	1,101,373	-	44,846	(1,567)	-	5,077	1,149,729	-
Anhui Bengyue Expressway Investment Management Co., Ltd.	740,658	309,750	-	(5,241)	-	-	1,045,167	-
Zhengzhou CSCEC Shenzhen Rail Transit Co., Ltd.	1,029,089	-	(631)	-	-	-	1,028,458	-
Shanghai Lingang New District Jingang Dongjiu Real Estate Co., Ltd.	911,400	-	(2,360)	-	-	-	909,040	-
Shanghai Lingbo Haihui City Construction and Development Co., Ltd.	947,670	30,221	(13,867)	(80,615)	-	-	883,409	-
Lupanshui urban pipe gallery construction and Development Investment Co., Ltd.	794,934	-	59,067	-	-	-	854,001	-
China South Airlines Construction & Development Co., Ltd.	825,130	-	(12,828)	-	-	-	812,302	-
Beijing Nanyue Real Estate Development Co., Ltd.	764,918	-	1,750	-	-	-	766,668	-
Chongqing Zhongjia Erhengxian Infrastructure Construction Co., Ltd.	-	-	37,902	-	-	648,878	686,780	-
Guangdong Guotong Logistics City Co., Ltd.	666,978	16,206	(27,612)	(26,497)	-	-	629,075	-
Xinggui Investment Co., Ltd.	261,358	-	334,455	-	-	-	595,813	-
Others	19,215,271	1,014,448	548,631	191,167	(486,536)	(122,218)	20,350,763	1,358
Joint ventures sub-total	39,920,192	5,867,485	1,560,122	63,413	(639,057)	2,295,146	49,067,301	293,820

Note 1: Other changes are mainly caused by the changes in the investee's other equity movement other than other comprehensive income and the volatility of foreign exchange rate.

V. Notes to the consolidated financial statements (continued)

14. Long-term equity investments (continued)

2021 (continued)

(b) Associates

	Opening Balance of the year	Movement during the year				Closing balance of the year	Impairment allowance at the end of the year
		Increase/(Decrease) investment	Investment profits/(losses) under equity method	Other comprehensive income adjustment	Declaration of cash dividends		
China Overseas Grand Oceans Group Ltd. ("Overseas Oceans")	9,247,852	-	1,935,380	212,798	(384,708)	(2,796)	11,008,526
Anhui Guoyuan Trust Co., Ltd.	3,010,767	-	253,270	(77,422)	(46,152)	68,459	3,208,922
Jiqing Express Railway Co., Ltd.	2,312,211	-	(49,898)	-	-	-	2,262,313
CCCC Jijiao Expressway Investment & Development Co., Ltd.	1,662,658	95,000	(107,281)	-	-	-	1,650,377
Yunnan Huali expressway investment and Development Co., Ltd.	1,185,000	376,094	-	-	-	-	1,561,094
Everbright Securities Co., Ltd.	1,453,184	-	110,523	(3,747)	(23,345)	(38,304)	1,498,311
Sanmenxia National Highway 310 South Moving Project Construction Management Co., Ltd.	1,242,936	85,734	(65,443)	-	-	-	1,263,227
Shandong Qilu Ningliang Expressway Co., Ltd.	1,033,900	-	-	-	-	-	1,033,900
Fast Shift Investments Limited	1,032,289	-	200,659	-	(167,678)	(39,698)	1,025,572
Anhui Guoyuan Investment Co., Ltd.	989,025	-	33,696	(2,109)	(8,546)	461	1,012,527
Shanghai Jiasheng Real Estate Development Co., Ltd.	987,142	-	(2,253)	-	-	-	984,889
Suzhou Fuyuan Real Estate Co., Ltd.	966,270	-	(20,986)	-	-	-	945,284
Taizhongyin Railway Co., Ltd.	886,606	-	47,101	-	-	-	933,707
Nantong Ring Expressway Co., Ltd	-	888,624	-	-	-	-	888,624
Jinmao Investment (Changsha) Co., Ltd	987,925	-	3,726	-	(193,354)	-	808,297
Guangzhou Fuchuang Real Estate Development Co., Ltd	669,119	-	(33,057)	-	-	-	636,062
China State Construction Xian Urban Construction Investment Co., Ltd	548,866	90,000	(10,853)	-	-	-	628,013
Chongqing Jinke Zhaoli Real Estate Development Co., Ltd	612,740	-	9,726	-	-	-	622,466
Guangzhou Lihe Real Estate Development Co., Ltd	1,066,922	-	524,141	-	(1,008,747)	-	582,316
Lupanshui Dongda Highway Investment and Development Co., Ltd	501,602	-	-	(5,340)	-	-	496,262
Zhengzhou Public Utilities Zhongcheng Road and Bridge Construction Management Co., Ltd.	477,658	-	-	-	-	-	477,658
Shanxi International Power Group Real Estate Development Co., Ltd	494,659	-	(25,287)	-	-	-	469,372
Xiamen International Trade Exhibition Center Co., Ltd	-	449,280	(1,125)	-	-	-	448,155
Other	15,409,653	1,677,349	569,431	137,844	(277,664)	102,591	17,619,184
Associates sub-total	46,788,984	3,662,081	3,371,470	262,024	(2,110,214)	90,713	52,065,058
Total	86,709,176	9,529,566	4,931,592	325,437	(2,749,271)	2,385,859	101,132,359

Note 1: Other changes are mainly caused by the changes in the investee's other equity movement other than other comprehensive income and the volatility of foreign exchange rate.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

14. Long-term equity investments (continued)

The movements in provision for impairment of long-term equity investments are as follows:

For the six months ended 30 June 2022

	Opening balance of the period	Increase during the period	Decrease during the period	Closing balance of the period
CITIC Baolida Real Estate (Foshan) Co., Ltd.	292,462	–	–	292,462
Others	1,358	–	–	1,358
Total	293,820	–	–	293,820

2021

	Opening balance of the year	Increase during the year	Decrease during the year (Note)	Closing balance of the year
CITIC Baolida Real Estate (Foshan) Co., Ltd.	292,462	–	–	292,462
Others	1,594	–	(236)	1,358
Total	294,056	–	(236)	293,820

Note: The decrease in 2021 was due to the disposal of long-term equity investments by the Group's subsidiaries, resulting in a corresponding reduction in impairment provisions.

15. Investments in other equity instruments

	30 June 2022	31 December 2021
Equity investments		
Listed equity investments	887,496	1,204,980
Unlisted equity investments	4,213,941	3,860,514
Total	5,101,437	5,065,494

	30 June 2022	31 December 2021
Equity investments		
Cost		
Listed equity investments	756,704	1,039,951
Unlisted equity investments	3,647,816	3,249,784
Cumulative changes in fair value		
Listed equity investments	130,792	165,029
Unlisted equity investments	566,125	610,730
Total	5,101,437	5,065,494

V. Notes to the consolidated financial statements (continued)

15. Investments in other equity instruments (continued)

For the six months ended 30 June 2022

	Changes in fair value accumulated to other comprehensive income	Fair value	Dividend income of the period		Reasons designated as fair value measurement with changes included in other comprehensive income
			Equity instruments derecognised in the current period	Equity instruments still held	
Listed equity investments	130,792	887,496	32,481	19,594	Non-tradable
Unlisted equity investments	566,125	4,213,941	-	29,279	Non-tradable
Total	696,917	5,101,437	32,481	48,873	

2021

	Changes in fair value accumulated to other comprehensive income	Fair value	Dividend income of the year		Reasons designated as fair value measurement with changes included in other comprehensive income
			Equity instruments derecognised in the current year	Equity instruments still held	
Listed equity investments	165,029	1,204,980	473	72,913	Non-tradable
Unlisted equity investments	610,730	3,860,514	12	127,319	Non-tradable
Total	775,759	5,065,494	485	200,232	

For the year ended 30 June 2022, the Group disposed of RMB290,086 thousand of other equity instrument investment (31 December 2021: RMB223,707 thousand), and a total amount of RMB35,078 thousand has been transferred from other comprehensive income to retained earnings. (31 December 2021: RMB174,201 thousand).

16. Other non-current financial assets

	30 June 2022	31 December 2021
Financial assets measured at fair value and the change of which is included in the profit or loss of the current period	1,565,011	1,559,354

17. Investment properties

Subsequent measurement under the cost model:

For the six months ended 30 June 2022

	Buildings	Land use rights	Investment properties in progress	Total
Cost				
Opening balance	73,848,542	24,065,540	37,173,830	135,087,912
Increase in the current period	4,203,624	2,557,346	6,658,331	13,419,301
Decrease in the current period	(495,831)	(143,834)	(380,893)	(1,020,558)
Closing balance	77,556,335	26,479,052	43,451,268	147,486,655
Accumulated depreciation and amortisation				
Opening balance	(9,690,375)	(2,646,395)	-	(12,336,770)
Increase in the current period	(1,020,298)	(365,075)	-	(1,385,373)
Decrease in the current period	41,025	15,639	-	56,664
Closing balance	(10,669,648)	(2,995,831)	-	(13,665,479)

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

17. Investment properties (continued)

Subsequent measurement under the cost model: (continued)

For the six months ended 30 June 2022 (continued)

	Buildings	Land use rights	Investment properties in progress	Total
Provision for impairment				
Opening balance and Closing balance	(54,344)	–	–	(54,344)
Net book value				
At the end of the period	66,832,343	23,483,221	43,451,268	133,766,832
At the beginning of the period	64,103,823	21,419,145	37,173,830	122,696,798

2021

	Buildings	Land use rights	Investment properties in progress	Total
Cost				
Opening balance	61,368,409	16,536,224	29,176,233	107,080,866
Increase in the current year	13,393,558	7,609,085	8,783,512	29,786,155
Decrease in the current year	(913,425)	(79,769)	(785,915)	(1,779,109)
Closing balance	73,848,542	24,065,540	37,173,830	135,087,912
Accumulated depreciation and amortisation				
Opening balance	(7,810,724)	(2,125,309)	–	(9,936,033)
Increase in the current year	(2,008,580)	(538,406)	–	(2,546,986)
Decrease in the current year	128,929	17,320	–	146,249
Closing balance	(9,690,375)	(2,646,395)	–	(12,336,770)
Provision for impairment				
Opening balance	(21,153)	–	–	(21,153)
Increase in the current year	(35,146)	–	–	(35,146)
Decrease in the current year	1,955	–	–	1,955
Closing balance	(54,344)	–	–	(54,344)
Net book value				
At the end of the year	64,103,823	21,419,145	37,173,830	122,696,798
At the beginning of the year	53,536,532	14,410,915	29,176,233	97,123,680

The investment property is leased out to a third party under an operating leases.

V. Notes to the consolidated financial statements (continued)

17. Investment properties (continued)

For the six months ended 30 June 2022, the Group changes the houses and buildings with a book value of RMB191,846 thousand (original price: RMB194,752 thousand) for self use and transferred them into fixed assets accounting from the date of change of use; For the year of 2021, the Group changed the use of houses and buildings with a carrying amount of RMB175,992 thousand (A cost of: RMB255,100 thousand) for self-use and transferred them into fixed assets at the date of change of use.

For the six months ended 30 June 2022, the Group will convert the investment real estate with book value of RMB15,173 thousand (original price: RMB17,198 thousand) to inventory accounting; For the year of 2021, the Group changed the investment properties with a carrying amount of RMB270,013 thousand (A cost of: RMB273,494 thousand) to inventory.

For the six months ended 30 June 2022, the Group changes the inventory with book value of RMB1,333,913 thousand (original price: RMB1,333,913 thousand) to lease, and turns the inventory into investment real estate accounting from the date of change of use; For the year of 2021, the Group changed the inventory with a carrying amount of RMB11,983,694 thousand (A cost of: RMB11,983,694 thousand) to lease, and transfers the inventory into investment properties at the date of change of use.

For the six months ended 30 June 2022, the Group changes fixed assets with book value of RMB612,119 thousand (original price: RMB621,415 thousand) to lease, and turns the fixed assets into investment real estate accounting from the date of change of use; For the year of 2021, the Group changed the fixed assets with a carrying amount of RMB253,572 thousand (A cost of: RMB327,465 thousand) to lease, and transferred from fixed assets to investment properties at the date of change of use.

For the six months ended 30 June 2022, the Group changes construction in progress with book value of RMB101,548 thousand (original price: RMB101,548 thousand) to lease, and turns the construction in progress into investment real estate accounting from the date of change of use; For the year of 2021, the Group's construction in progress project with a carrying amount of RMB5,857,271 thousand (A cost of: RMB5,857,271 thousand) was completed and used for leasing, which was changed to investment properties.

For the six months ended 30 June 2022, the Group disposed the investment real estate with book value of RMB1,676 thousand with a disposal income of RMB369 thousand; For the year of 2021, the Group disposed the investment real estate with book value of RMB805,284 thousand with a disposal income of RMB19,619 thousand.

For the six months ended 30 June 2022 and December 31 2021, refers to note V. 70 for details of the group's mortgage of investment real estate to the bank as a guarantee for obtaining loans.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

18. Fixed assets

For the six months ended 30 June 2022

	Buildings	Machinery and equipment	Motor vehicles	Office equipment, temporary facilities and others	Total
Cost					
Opening balance of the period	35,814,579	18,087,228	3,221,263	21,306,400	78,429,470
Purchases	742,970	487,041	107,431	1,601,227	2,938,669
Transfers from construction in progress (Note V. 19)	458,065	100,782	–	504,403	1,063,250
Other addition	3,389,692	256,712	8,922	83,101	3,738,427
Disposals or retirements	(198,076)	(322,873)	(112,917)	(296,017)	(929,883)
Other decrease	(1,302,483)	(246,223)	(24,680)	(114,178)	(1,687,564)
Closing balance of the period	38,904,747	18,362,667	3,200,019	23,084,936	83,552,369
Accumulated depreciation					
Opening balance of the period	(6,570,008)	(10,559,319)	(2,126,687)	(15,479,769)	(34,735,783)
Depreciation accrued during the period	(519,746)	(711,053)	(124,470)	(1,837,126)	(3,192,395)
Other additions	(140,150)	(242,667)	(8,475)	(71,239)	(462,531)
Disposals or retirements	92,181	238,980	93,041	285,037	709,239
Other decrease	282,792	42,226	23,432	57,765	406,215
Closing balance of the period	(6,854,931)	(11,231,833)	(2,143,159)	(17,045,332)	(37,275,255)
Impairment allowance					
Opening balance of the period	(228,305)	(9,033)	(353)	(35)	(237,726)
Other additions	(21)	(787)	(506)	(492)	(1,806)
Disposals or retirements	(108)	–	–	–	(108)
Other decrease	–	1,307	–	492	1,799
Closing balance of the period	(228,434)	(8,513)	(859)	(35)	(237,841)
Net book value					
At the end of the period	31,821,382	7,122,321	1,056,001	6,039,569	46,039,273
At the beginning of the period	29,016,266	7,518,876	1,094,223	5,826,596	43,455,961

V. Notes to the consolidated financial statements (continued)

18. Fixed assets (continued)

2021

	Buildings	Machinery and equipment	Motor vehicles	Office equipment, temporary facilities and others	Total
Cost					
Opening balance of the year	30,770,116	17,863,359	3,172,797	18,552,869	70,359,141
Changes in accounting policies	–	(710,394)	(342)	–	(710,736)
Opening balance of the year	30,770,116	17,152,965	3,172,455	18,552,869	69,648,405
Purchases	1,465,063	1,531,443	392,696	3,468,934	6,858,136
Transfers from construction in progress (Note V.19)	4,346,681	217,842	4,810	1,253,525	5,822,858
Other addition	1,139,413	558,937	69,880	224,759	1,992,989
Disposals or retirements	(782,944)	(1,366,426)	(348,555)	(1,168,990)	(3,666,915)
Other decrease	(1,123,750)	(7,533)	(70,023)	(1,024,697)	(2,226,003)
Closing balance of the year	35,814,579	18,087,228	3,221,263	21,306,400	78,429,470
Accumulated depreciation					
Opening balance of the year	(5,604,773)	(10,337,557)	(2,104,927)	(12,820,333)	(30,867,590)
Changes in accounting policies	–	137,189	96	–	137,285
Opening balance of the year	(5,604,773)	(10,200,368)	(2,104,831)	(12,820,333)	(30,730,305)
Depreciation accrued during the year	(1,087,969)	(1,269,644)	(297,570)	(3,794,530)	(6,449,713)
Other additions	(131,028)	(81,541)	(85,639)	(126,345)	(424,553)
Disposals or retirements	77,275	985,786	305,861	920,639	2,289,561
Other decrease	176,487	6,448	55,492	340,800	579,227
Closing balance of the year	(6,570,008)	(10,559,319)	(2,126,687)	(15,479,769)	(34,735,783)
Impairment allowance					
Opening balance of the year	(211,876)	(12,979)	(2,877)	(35)	(227,767)
Impairment accrued during the year	(17,605)	–	–	–	(17,605)
Other additions	–	(3)	–	–	(3)
Disposals or retirements	1,042	3,949	2,524	–	7,515
Other decrease	134	–	–	–	134
Closing balance of the year	(228,305)	(9,033)	(353)	(35)	(237,726)
Net book value					
At the end of the year	29,016,266	7,518,876	1,094,223	5,826,596	43,455,961
At the beginning of the year	24,953,467	6,939,618	1,064,747	5,732,501	38,690,333

Operating leased fixed assets are as follows:

As at 30 June 2022, the fixed assets with a carrying amount of RMB106,490 thousand, and a cost of RMB197,674 thousand are leased out under operating leases (31 December 2021: a carrying amount of 130,502 thousand, and a cost of RMB235,471 thousand).

As at 30 June 2022 and 31 December 2021, the fixed assets that were pledged by the Group to banks for borrowings are presented in detail in Note V. 70.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

19. Construction in progress

	30 June 2022			31 December 2021		
	Carrying amount	Impairment allowance	Net book value	Carrying amount	Impairment allowance	Net book value
Construction in progress	4,142,302	(250,945)	3,891,357	3,957,614	(250,945)	3,706,669

Changes of significant projects of construction in progress are as follows:

For the six months ended 30 June 2022

	Budgeted amount	Opening balance of the period	Additions	Transfer to fixed assets (Note V. 18)	Other transferred out (Note)	Closing balance of the period	Source of funds	Proportion of investment to budget (%)
Wanning Jinxin Grand Hyatt	1,340,814	988,298	161,679	-	-	1,149,977	Self-funding and loan	86
CSCEC southwest New Material R & D Center Project	389,484	224,264	8,948	(13,810)	-	219,402	Self-funding	60
Shanghai fuchuang new port area project	860,000	185,765	92,293	-	-	278,058	Self-funding and loan	32
CSCEC lakeside design headquarters project	509,950	335,788	20,139	(352,985)	(2,942)	-	Self-funding	70
CSCEC Algeria headquarters building project	203,462	182,553	12,027	-	-	194,580	Self-funding and loan	96
Shenzhen Shantou Green Industrial Park Project	417,148	245,256	967	-	(73,420)	172,803	Self-funding and loan	98
CSCEC building project in Huadu District, Guangzhou	169,000	144,281	13,931	-	-	158,212	Self-funding	94
Others	N/A	1,651,409	1,132,570	(696,455)	(118,254)	1,969,270	N/A	N/A
Total		3,957,614	1,442,554	(1,063,250)	(194,616)	4,142,302		

2021

	Budgeted amount	Opening balance of the year	Additions	Transfer to fixed assets (Note V. 18)	Other transferred out (Note)	Closing balance of the year	Source of funds	Proportion of investment to budget (%)
Beijing Advanced Business Park Office Building of China Construction Third Engineering Bureau Co., Ltd.	2,320,424	1,923,147	397,278	(2,200,556)	(119,869)	-	Self-funding and loan	100
Shanghai Zhongjian Yuelan Mountain Project	1,473,684	936,438	51,970	-	(988,408)	-	Self-funding	67
CSCEC Jinxiutiandi Construction Project	1,215,997	895,968	320,029	-	(1,215,997)	-	Self-funding and loan	100
Songjiang Building Construction Project	1,360,223	839,821	520,402	-	(1,360,223)	-	Self-funding and loan	100
Wanning Jinxin Grand Hyatt	1,340,814	714,036	274,262	-	-	988,298	Self-funding and loan	74
Liutai Building of China Construction Sixth Engineering Division Corp. Ltd.	720,808	626,476	94,332	(720,808)	-	-	Self-funding	100
Songjiang Yunzhu Shenlan Construction Project	383,163	369,439	10,302	-	(379,741)	-	Self-funding and loan	99
Zhonghai Huanyu City Construction Project	591,139	348,621	242,518	(591,139)	-	-	Self-funding and loan	100
Others	N/A	4,530,270	3,497,884	(2,310,355)	(2,748,483)	2,969,316	Self-funding and loan	N/A
Total		11,184,216	5,408,977	(5,822,858)	(6,812,721)	3,957,614		

Note: Other transferred out mainly includes the conditions that construction in progress is used for leasing after completing and transferred to investment properties.

V. Notes to the consolidated financial statements (continued)

19. Construction in progress (continued)

Changes of significant projects of construction in progress are as follows:

For the six months ended 30 June 2022

	Progress	Accumulated amount of interest capitalised	Including: Interest capitalised during the period	Capitalisation rate during the period (%)
Shanghai fuchuang new port area project	32%	13,836	11,392	3.75
CSCEC Algeria headquarters building project	96%	3,916	–	–
Shenzhen Shantou Green Industrial Park Project	98%	24,904	964	3.95
Others	N/A	769	–	N/A
Total		43,425	12,356	

2021

	Progress	Accumulated amount of interest capitalised	Including: Interest capitalised during the year	Capitalisation rate during the year (%)
Beijing Advanced Business Park Office Building of China Construction Third Engineering Bureau Co., Ltd.	100%	209,501	22,084	5.78
CSCEC Jinxiutiandi Construction Project	100%	135,000	19,730	4.50
Songjiang Building Construction Project	99%	6,716	413	4.75
Others	N/A	99,234	39,851	N/A
Total		450,451	82,078	

As at 30 June 2022 and 31 December 2021, the construction in progress that were pledged by the Group to banks for borrowings are presented in details in Note V. 70.

Impairment allowance of construction in progress:

For the six months ended 30 June 2022

Opening balance of the period	Increase during the period	Decrease during the period	Closing balance of the period	Reason
250,945	–	–	250,945	The book value is higher than the recoverable amount

2021

Opening balance of the year	Increase during the year	Decrease during the year	Closing balance of the year	Reason
250,945	–	–	250,945	The book value is higher than the recoverable amount

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

20. Right of use assets

For the six months ended 30 June 2022

	Buildings	Machinery and equipment	Motor vehicles	Other equipment	Total
Cost					
Opening balance of the period	6,278,749	1,381,301	21,174	160,348	7,841,572
Increase during the period	2,059,148	30,643	1,994	131,121	2,222,906
Decrease during the period	(255,551)	(21,896)	(787)	(1)	(278,235)
Closing balance of the period	8,082,346	1,390,048	22,381	291,468	9,786,243
Accumulated amortisation					
Opening balance of the period	(1,412,715)	(492,121)	(9,832)	(45,431)	(1,960,099)
Increase during the period	(643,437)	(165,766)	(4,494)	(47,115)	(860,812)
Decrease during the period	124,817	17,643	787	–	143,247
Closing balance of the period	(1,931,335)	(640,244)	(13,539)	(92,546)	(2,677,664)
Net book value					
Closing balance of the period	6,151,011	749,804	8,842	198,922	7,108,579
Opening balance of the period	4,866,034	889,180	11,342	114,917	5,881,473

2021

	Buildings	Machinery and equipment	Motor vehicles	Other equipment	Total
Cost					
As of 31 December 2020	–	–	–	–	–
Changes in accounting policies	4,302,926	1,610,259	15,633	219,237	6,148,055
Opening balance of the year	4,302,926	1,610,259	15,633	219,237	6,148,055
Increase during the year	2,791,225	240,131	12,027	13,494	3,056,877
Decrease during the year	(815,402)	(469,089)	(6,486)	(72,383)	(1,363,360)
Closing balance of the year	6,278,749	1,381,301	21,174	160,348	7,841,572
Accumulated amortisation					
As of 31 December 2020	–	–	–	–	–
Changes in accounting policies	–	(137,189)	(96)	–	(137,285)
Opening balance of the year	–	(137,189)	(96)	–	(137,285)
Increase during the year	(1,440,616)	(476,635)	(9,736)	(45,444)	(1,972,431)
Decrease during the year	27,901	121,703	–	13	149,617
Closing balance of the year	(1,412,715)	(492,121)	(9,832)	(45,431)	(1,960,099)
Net book value					
Closing balance of the year	4,866,034	889,180	11,342	114,917	5,881,473
Opening balance of the year	4,302,926	1,473,070	15,537	219,237	6,010,770

V. Notes to the consolidated financial statements (continued)

21. Intangible assets

For the six months ended 30 June 2022

	Land use rights	Franchise rights	Software	Others	Total
Cost					
Opening balance of the period	8,038,944	17,301,378	1,082,465	692,333	27,115,120
Increase during the period	2,069,148	2,913,703	58,255	182,197	5,223,303
Decrease during the period	(62,391)	(914,861)	(2,592)	(187,453)	(1,167,297)
Closing balance of the period	10,045,701	19,300,220	1,138,128	687,077	31,171,126
Accumulated amortisation					
Opening balance of the period	(1,244,720)	(1,663,007)	(621,046)	(361,728)	(3,890,501)
Increase during the period	(92,378)	(89,796)	(65,869)	(10,879)	(258,922)
Decrease during the period	5,568	75,156	1,100	947	82,771
Closing balance of the period	(1,331,530)	(1,677,647)	(685,815)	(371,660)	(4,066,652)
Impairment allowance					
Opening balance of the period	(1,618,899)	(952,660)	–	–	(2,571,559)
Closing balance of the period	(1,618,899)	(952,660)	–	–	(2,571,559)
Net book value					
Closing balance of the period	7,095,272	16,669,913	452,313	315,417	24,532,915
Opening balance of the period	5,175,325	14,685,711	461,419	330,605	20,653,060

2021

	Land use rights	Franchise rights	Software	Others	Total
Cost					
Opening balance of the year	7,737,009	19,218,420	891,008	705,353	28,551,790
Increase during the year	410,806	3,451,047	214,221	47,659	4,123,733
Decrease during the year	(108,871)	(5,368,089)	(22,764)	(60,679)	(5,560,403)
Closing balance of the year	8,038,944	17,301,378	1,082,465	692,333	27,115,120
Accumulated amortisation					
Opening balance of the year	(1,146,804)	(1,440,217)	(486,981)	(346,581)	(3,420,583)
Increase during the year	(114,784)	(222,790)	(149,846)	(15,437)	(502,857)
Decrease during the year	16,868	–	15,781	290	32,939
Closing balance of the year	(1,244,720)	(1,663,007)	(621,046)	(361,728)	(3,890,501)
Impairment allowance					
Opening balance of the year	(1,618,899)	(952,660)	–	–	(2,571,559)
Closing balance of the year	(1,618,899)	(952,660)	–	–	(2,571,559)
Net book value					
Closing balance of the year	5,175,325	14,685,711	461,419	330,605	20,653,060
Opening balance of the year	4,971,306	16,825,543	404,027	358,772	22,559,648

As of 30 June 2022, the franchise rights in the construction period of contract assets (RMB12,955,566 thousand) are listed as Intangible assets- franchise rights (31 December 2021:RMB10,437,049 thousand).

As of 30 June 2022 and 31 December 2021, the intangible assets that were pledged by the Group to banks for borrowings are presented in details in Note V. 70.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

22. Goodwill

For the six months ended 30 June 2022

The invested entity	Opening balance of the period	Increase during the period	Other movements (Note)	Closing balance of the period
China Overseas Land & Investment Ltd. ("China Overseas Land & Investment")	1,375,252	–	66,053	1,441,305
China State Construction Development Holdings Limited ("State Construction Development")	469,063	–	22,529	491,592
Plaza Construction LLP	96,465	–	5,079	101,544
Finqnciere Groupe Betom	59,407	–	(5,131)	54,276
China Construction Sixth Engineering Division Water Conservancy and Hydropower Construction Group	42,797	–	–	42,797
CSCEC Zhong Huan Engineering Co., Ltd.	40,103	–	–	40,103
Yueyang Hecheng Construction Investment	27,027	–	–	27,027
China State Construction Built Port Group	15,583	–	–	15,583
Xinjiang Zhongjian West Construction Cement Manufacturing Co., Ltd.	14,601	–	–	14,601
Dezhou Haoyu Investment Co., Ltd.	13,142	–	–	13,142
China Construction third Engineering Bureau Construction Engineering Co., Ltd. Civil Air Defense Construction Design Institute (Original name: "Hubei Civil Air Defense Construction Design Institute")	11,563	–	–	11,563
Shache Zhiyuan Infrastructure Construction Management Co., Ltd.	11,163	–	–	11,163
Yunnan Changkun Hydropower Base Construction Management Co., Ltd.	10,562	–	–	10,562
Liaoning Road & Bridge Construction Group	10,506	–	505	11,011
Chongqing Zhonghai Investment Co., Ltd	10,246	–	491	10,737
Others	82,079	–	(12,006)	70,073
Sub-Total	2,289,559	–	77,520	2,367,079
Less: Impairment allowance	51,665			52,164
Total	2,237,894			2,314,915

2021

The invested entity	Opening balance of the year	Increase during the year	Other movements (Note)	Closing balance of the year
China Overseas Land & Investment Ltd. ("China Overseas Land & Investment")	1,429,449	–	(54,197)	1,375,252
China State Construction Development Holdings Limited ("State Construction Development")	487,548	–	(18,485)	469,063
Plaza Construction LLP	98,722	–	(2,257)	96,465
Finqnciere Groupe Betom	58,403	–	1,004	59,407
China Construction Sixth Engineering Division Water Conservancy and Hydropower Construction Group	42,797	–	–	42,797
CSCEC Zhong Huan Engineering Co., Ltd.	40,103	–	–	40,103
Yueyang Hecheng Construction Investment	27,027	–	–	27,027

V. Notes to the consolidated financial statements (continued)

22. Goodwill (continued)

2021 (continued)

The invested entity	Opening balance of the year	Increase during the year	Other movements (Note)	Closing balance of the year
China State Construction Built Port Group	15,583	–	–	15,583
Xinjiang Zhongjian West Construction Cement Manufacturing Co., Ltd.	14,601	–	–	14,601
Dezhou Haoyu Investment Co., Ltd.	13,142	–	–	13,142
China Construction third Engineering Bureau Construction Engineering Co., Ltd. Civil Air Defense Construction Design Institute (Original name: "Hubei Civil Air Defense Construction Design Institute")	11,563	–	–	11,563
Yunnan Changkun Hydropower Base Construction Management Co., Ltd.	11,163	–	–	11,163
Liaoning Road & Bridge Construction Group	10,562	–	–	10,562
Chongqing Zhonghai Investment Co., Ltd	10,650	–	(404)	10,246
Others	73,629	21,603	(2,647)	92,585
Sub-Total	2,344,942	21,603	(76,986)	2,289,559
Less: Impairment allowance	54,681			51,665
Total	2,290,261			2,237,894

Changes in impairment allowance of goodwill are as below:

For the six months ended 30 June 2022

	Opening balance of the period	Accrued this period	Other movements (Note)	Closing balance of the period
Xinjiang Zhongjian West Construction Cement Manufacturing Co., Ltd.	14,601	–	–	14,601
Dezhou Haoyu Investment Co., Ltd.	13,142	–	–	13,142
Chongqing Zhonghai Investment Co., Ltd.	10,246	–	492	10,738
CSCEC Zhong Huan Engineering Co., Ltd.	12,031	–	–	12,031
Others	1,645	–	7	1,652
Total	51,665	–	499	52,164

2021

	Opening balance of the year	Accrued this year	Other movements (Note)	Closing balance of the year
Xinjiang Zhongjian West Construction Cement Manufacturing Co., Ltd.	14,601	–	–	14,601
Dezhou Haoyu Investment Co., Ltd.	13,142	–	–	13,142
Chongqing Zhonghai Investment Co., Ltd.	10,650	–	(404)	10,246
CSCEC Zhong Huan Engineering Co., Ltd.	12,031	–	–	12,031
Others	4,257	34	(2,646)	1,645
Total	54,681	34	(3,050)	51,665

Note: Other movements are mainly due to changes in exchange rates.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

22. Goodwill (continued)

The group allocates the book value of goodwill to the asset group or portfolio that can benefit from the synergy of business combination, and carries out impairment test on this basis.

The goodwill obtained from business combination has been allocated to the following asset groups or portfolio for impairment test:

Asset group-China Overseas Land & Investment

Asset group-State Construction Development

The measurement basis and main assumptions of the recoverable amount of the above asset groups are as follows:

Asset Group-China Overseas Land & Investment

The recoverable amount of China Overseas Land & Investment is determined by the present value of the expected future cash flow of the asset group portfolio according to the cash flow forecast based on the five-year financial budget approved by the management. The discount rate used for cash flow forecast is 9.5%, and the growth rate of cash flow of China Overseas Land & Investment after 5 years is 3%.

Asset Group-State Construction Development

The recoverable amount of State Construction Development shall be the net amount of the fair value of the asset group minus the disposal expenses.

The carrying amount of goodwill is apportioned to the asset group or portfolio as follows:

	China Overseas Land & Investment		State Construction Development		Total	
	30 June 2022	31 December 2021	30 June 2022	31 December 2021	30 June 2022	31 December 2021
Carrying amount of goodwill	1,441,305	1,375,252	491,592	469,063	1,932,897	1,844,315

23. Long-term prepaid expenses

For the six months ended 30 June 2022

	Opening balance of the period	Increase	Amortisation	Other decrease	Closing balance of the period
Expenditure on improvement of leased fixed assets	497,572	120,223	(75,654)	(995)	541,146
Others	633,838	157,502	(102,624)	(7,993)	680,723
Total	1,131,410	277,725	(178,278)	(8,988)	1,221,869

2021

	31 December 2020	Changes in accounting policies	Opening balance of the year	Increase	Amortisation	Other decrease	Closing balance of the year
Expenditure on improvement of leased fixed assets	444,600	-	444,600	222,902	(153,167)	(16,763)	497,572
Office rent	154,202	(154,202)	-	-	-	-	-
Others	525,955	-	525,955	393,999	(275,055)	(11,061)	633,838
Total	1,124,757	(154,202)	970,555	616,901	(428,222)	(27,824)	1,131,410

V. Notes to the consolidated financial statements (continued)

24. Deferred tax assets/liabilities

Deferred tax assets and liabilities without taking into consideration the offsetting of balances:

	30 June 2022		31 December 2021	
	Deductible temporary differences and losses	Deferred tax assets	Deductible temporary differences and losses	Deferred tax assets
Deferred tax assets				
Impairment allowance of assets	51,626,247	8,939,939	41,993,795	7,307,315
Elimination of intra group unrealised profit	8,651,702	1,804,832	7,024,945	1,469,229
Accrued expenses	28,166,688	6,902,776	29,193,942	7,148,365
Accrued liabilities	2,927,805	504,427	3,118,363	514,395
Deductible losses	15,479,661	3,399,565	14,657,896	3,481,511
Tax differences on lease liabilities	7,332,607	1,457,157	5,696,798	1,114,115
Others	2,462,721	604,719	2,203,868	534,753
Total	116,647,431	23,613,415	103,889,607	21,569,683

	30 June 2022		31 December 2021	
	Taxable temporary differences	Deferred tax liabilities	Taxable temporary differences	Deferred tax liabilities
Deferred tax liabilities				
Depreciation of fixed assets	339,717	66,502	351,378	74,323
Depreciation of investment properties	5,620,811	1,405,203	4,850,763	1,212,691
Fair value adjustment of business combinations involving enterprises not under common control	31,178,121	7,784,838	10,043,291	2,501,096
Gain from special restructuring of subsidiaries (Note 1)	1,179,437	294,859	1,179,437	294,859
Withholding tax for dividends (Note 2)	3,288,068	164,403	3,271,939	163,597
Revenue from BT/PPP projects	7,262,761	1,848,683	6,372,427	1,597,641
Tax differences on right of use assets	7,029,658	1,400,383	5,384,277	1,046,470
Others	2,898,965	794,594	4,538,335	1,171,686
Total	58,797,538	13,759,465	35,991,847	8,062,363

Note 1: According to Notice of the Ministry of Finance and the State Administration of Taxation on Enterprise Income Tax Treatment of Enterprise Reorganization (Cai Shui [2009] No. 59), deferred tax liabilities are recognised by the Company and other related subsidiaries for the difference between tax base and accounting base of equity investment arising from reorganization of West Construction.

Note 2: According to the arrangement between Mainland China and Hong Kong Special Administrative Region over income taxes to avoid double taxation and tax evasion, signed between Mainland China and Hong Kong, withholding tax for dividends are provided by domestic subsidiaries, domestic associates and domestic joint ventures of the subsidiaries of China Overseas Land & Investment and China State Construction International Holdings Limited ("China State Construction International") for profit estimated to be distributed to the subsidiaries of China Overseas Land & Investment and China State Construction International at the tax rate of 5%.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

24. Deferred tax assets/liabilities (continued)

Deferred tax assets and deferred tax liabilities that are presented at the net amount after offsetting:

	30 June 2022		31 December 2021	
	Offsetting amount	Net amount after offsetting	Offsetting amount	Net amount after offsetting
Deferred tax assets	2,777,301	20,836,114	2,667,394	18,902,289
Deferred tax liabilities	2,777,301	10,982,164	2,667,394	5,394,969

Deductible temporary differences and deductible tax losses for which deferred tax assets are not recognised are listed as follows:

	30 June 2022	31 December 2021
Deductible temporary differences	22,299,933	21,509,648
Deductible tax losses	20,471,124	18,751,381
Total	42,771,057	40,261,029

Deductible tax losses that are not recognised as deferred tax assets will expire in the following years:

	30 June 2022	31 December 2021
2022	559,993	1,175,677
2023	1,468,549	1,954,484
2024	3,491,141	3,922,015
2025	4,111,424	4,760,797
2026	6,847,794	6,938,408
2027	3,992,223	–
Total	20,471,124	18,751,381

25. Other non-current assets

	30 June 2022	31 December 2021
Contract assets (Note V. 9)	233,166,744	222,440,523
Include: PPP Project	156,819,325	158,558,535
Warranty deposit	49,488,910	46,066,901
Others	26,858,509	17,815,087
Input VAT to be verified	1,009,795	907,103
Prepayment of purchase of long-term assets	185,699	418,719
Others	1,671,140	2,573,691
Sub-total	236,033,378	226,340,036
Less: Impairment allowance	(3,330,307)	(2,794,716)
Total	232,703,071	223,545,320

As at 30 June 2022, the impairment allowance of the above contract assets is RMB3,241,255 thousand (31 December 2021: RMB2,734,822 thousand).

V. Notes to the consolidated financial statements (continued)

26. Impairment allowance of assets

For the six months ended 30 June 2022

	Opening balance of the period	Provision for the period	Decrease during the period		Other movement	Closing balance of the period
			Reversal	Transfer/ Write-off		
Impairment allowance of notes receivable	502,016	230,156	(125,108)	(94)	(327,927)	279,043
Impairment allowance of accounts receivable	33,239,372	11,628,074	(5,996,969)	(148,352)	518,511	39,240,636
Impairment allowance of other receivables	7,092,433	1,429,294	(886,691)	(14,145)	20,667	7,641,558
Impairment allowance of other current assets	938,045	836,061	(134,149)	-	-	1,639,957
Impairment allowance of current portion of non-current assets	459,581	82,703	(47,227)	(1)	6,840	501,896
Impairment allowance of other non-current assets	2,794,716	826,766	(295,391)	-	4,216	3,330,307
Other ECLs provisions	48,702	1,140	(1,495)	-	-	48,347
Impairment allowance of debt investments	17,545	1,735	(1,040)	-	13	18,253
Impairment allowance of long-term receivables	1,365,109	46,143	(62,514)	-	70,809	1,419,547
Impairment allowance of contract assets (Note)	6,095,001	1,829,451	(1,060,819)	(1,178)	6,714	6,869,169
Impairment provision for write-down of inventories	4,082,255	347,696	(14,598)	(7,894)	79,121	4,486,580
Impairment allowance of long-term equity investments	293,820	-	-	-	-	293,820
Impairment allowance of fixed assets	237,726	1,806	-	(1,799)	108	237,841
Impairment allowance of construction in progress	250,945	-	-	-	-	250,945
Impairment allowance of investment properties	54,344	-	-	-	-	54,344
Impairment allowance of intangible assets	2,571,559	-	-	-	-	2,571,559
Impairment allowance of goodwill	51,665	-	-	-	499	52,164
Total	60,094,834	17,261,025	(8,626,001)	(173,463)	379,571	68,935,966

Note: The impairment allowance of contract assets listed here only includes the impairment of current portion of contract assets.

2021

	31 December 2020	Changes in accounting policies	Opening balance of the year	Provision for the year	Decrease during the year		Other movement	Closing balance of the year
					Reversal	Transfer/ Write-off		
Impairment allowance of notes receivable	-	-	-	502,016	-	-	-	502,016
Impairment allowance of accounts receivable	25,792,354	12,430	25,804,784	19,336,333	(11,108,526)	(644,966)	(148,253)	33,239,372
Impairment allowance of other receivables	6,759,463	-	6,759,463	2,128,860	(1,386,784)	(389,016)	(20,090)	7,092,433
Impairment allowance of other current assets	1,531,269	-	1,531,269	83,546	(671,197)	-	(5,573)	938,045
Impairment allowance of current portion of non-current assets	449,032	29,126	478,158	170,436	(137,953)	(1,371)	(49,689)	459,581
Impairment allowance of other non-current assets	1,512,744	333,553	1,846,297	1,144,973	(178,570)	(187)	(17,797)	2,794,716
Other ECLs provisions	1,200	-	1,200	26,001	-	-	21,501	48,702
Impairment allowance of debt investments	15,228	-	15,228	5,414	(2,970)	-	(127)	17,545
Impairment allowance of long-term receivables	1,425,700	(379,301)	1,046,399	646,792	(380,677)	(117)	52,712	1,365,109
Impairment allowance of contract assets (Note)	3,818,976	15,134	3,834,110	3,060,483	(671,997)	(105,649)	(21,946)	6,095,001
Impairment provision for write-down of inventories	4,172,649	-	4,172,649	689,960	(679,617)	(35,767)	(64,970)	4,082,255
Impairment allowance of long-term equity investments	294,056	-	294,056	-	-	(236)	-	293,820

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

26. Impairment allowance of assets (continued)

2021 (continued)

	31 December 2020	Changes in accounting policies	Opening balance of the year	Provision for the year	Decrease during the year		Other movement	Closing balance of the year
					Reversal	Transfer/ Write-off		
Impairment allowance of fixed assets	227,767	-	227,767	17,605	-	(7,515)	(131)	237,726
Impairment allowance of construction in progress	250,945	-	250,945	-	-	-	-	250,945
Impairment allowance of investment properties	21,153	-	21,153	35,146	-	-	(1,955)	54,344
Impairment allowance of intangible assets	2,571,559	-	2,571,559	-	-	-	-	2,571,559
Impairment allowance of goodwill	54,681	-	54,681	34	-	(2,641)	(409)	51,665
Total	48,898,776	10,942	48,909,718	27,847,599	(15,218,291)	(1,187,465)	(256,727)	60,094,834

Note: The impairment allowance of contract assets listed here only includes the impairment of current portion of contract assets.

27. Short-term borrowings

	30 June 2022	31 December 2021
Unsecured borrowings	101,829,080	52,938,117
Guaranteed borrowings	1,877,286	1,527,472
Pledged borrowings	3,815,707	5,097,643
Mortgaged borrowings	2,401,090	382,600
Total	109,923,163	59,945,832

The annual interest rate for the above borrowings varied from 0.40% to 10.00% (31 December 2021: 1.00% to 10.00%).

As at 30 June 2022 and 31 December 2021, the Group has mortgaged or pledged various assets to banks as security for borrowings that are presented in details in Note V.70.

28. Notes payable

	30 June 2022	31 December 2021
Commercial acceptance bills	926,780	673,179
Bank acceptance bills	10,487,209	6,879,887
Total	11,413,989	7,553,066

29. Accounts payable

	30 June 2022	31 December 2021
Payables for projects and for real estate development	281,446,101	256,790,358
Payables for purchase of materials	206,511,803	174,776,782
Payables for services	68,892,417	57,759,230
Rent payable	19,599,169	16,185,139
Others	10,734,238	10,964,158
Total	587,183,728	516,475,667

As at 30 June 2022, accounts payable over 1 year with a carrying amount of RMB166,433,433 thousand (31 December 2021: RMB143,511,394 thousand) are mainly payables for projects, which are unsettled as the projects have not been completed or settled.

V. Notes to the consolidated financial statements (continued)

30. Advances from customers

	30 June 2022	31 December 2021
Others	976,822	782,465

As at 30 June 2022, advances from customers over 1 year with a carrying amount of RMB16,055 thousand (31 December 2021: RMB12,481 thousand) are mainly for advance rent receipts.

31. Contract liabilities

	30 June 2022	31 December 2021
Amount due to customers for contract work	66,615,385	81,041,769
Advances for projects	55,710,078	58,083,500
Advances for sale of properties	163,044,240	178,702,437
Others	4,687,412	5,907,320
Total	290,057,115	323,735,026

At the balance sheet date, the details of advances for sale of properties are as follows:

Project name	30 June 2022	31 December 2021	Estimated completion/ completion date (Note)	Pre-sale percentage (%) (Note)
Guangzhou Asian Games City H Division	10,660,836	–	January 2023	80
Beijing Shougangyuan Project	6,068,036	3,276,345	December 2022	47
Zhonghai Huanyu Ara Project	5,591,561	2,922,598	December 2023	82
Kangqiao plot 10-09	5,199,563	5,038,704	September 2023	100
Wuhan Zhongjian Xingguang city kt2 plot	4,987,968	4,307,169	June 2023	100
Guangzhou Nanzhou Road Project	4,006,000	1,344,954	October 2023	70
Zhonghai Songshan Lake Garden	3,813,619	3,353,398	December 2022	100
CSCEC Yipinxuefu Residence	3,160,809	–	June 2024	100
Changsha Zhongjian Yuhe City	3,008,910	2,228,422	December 2023	68
Guangzhou Asian Games City E Division	2,928,221	–	March 2023	26
CSCEC Yipinxuefu Residence West district	2,918,490	–	June 2024	90
Hong Kong Kai Tak 6575 plot project	2,497,348	2,259,116	June 2023	65
0056 plot project	2,434,668	1,827,817	November 2022	78
South Mountain Seal	2,422,167	1,217,666	August 2023	92
Huideli	2,160,054	–	December 2023	42
Shanghai Pudong Huinan Minle Affordable Housing Project	2,035,418	1,898,309	June 2022	90
Heyingyunji	1,837,490	–	December 2024	6
Beijing company rice field project	1,826,964	874,557	December 2022	33
6039, 6040 plot project	1,749,354	1,076,562	June 2023	75
Top scientist community 02 group project	1,710,563	–	December 2023	26
Dalian Zhonghai East Port	1,703,402	1,485,922	December 2022	72
Suzhou Yundong Project	1,525,497	2,884,213	August 2022	92

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

31. Contract liabilities (continued)

At the balance sheet date, the details of advances for sale of properties are as follows: (continued)

Project name	30 June 2022	31 December 2021	Estimated completion/ completion date (Note)	Pre-sale percentage (%) (Note)
Duolundao Project	1,523,990	–	June 2024	77
C5B-11	1,413,869	–	December 2023	98
Zhonghai Mingdeli	1,410,098	821,597	December 2023	25
Tianjin 055 plot project	1,405,466	1,804,168	June 2022	93
Shandong First Medical University Staff Dormitory A-2 Plot	1,383,582	1,281,009	March 2023	70
Wuhan Zhonghai Guanggu East Donglu Project (Phase I and II)	1,365,564	1,153,202	May 2022	92
Jinan Zhonghai Huashan Longcheng Project	1,354,427	3,447,172	June 2022	51
CSCEC Tianfu Residence phase II	1,346,062	–	December 2023	100
Top scientist community 03 group project	1,245,022	–	December 2023	35
Shanghai Hongqi Village Project	1,210,902	1,205,084	May 2023	90
Tianjin 080 plot project	1,204,104	1,177,162	April 2022	89
Changzhou Hongken Project	1,203,576	436,026	September 2023	24
Changsha Zhongjian Jinghe City Project	1,159,510	1,296,701	June 2022	99
Zhongjian Platinum Mansion	1,158,842	990,352	December 2024	50
Taiyuan Zhonghai International Community Phase I	1,140,999	1,317,089	May 2025	77
Beixin'an shantytown reconstruction project	1,139,341	13,512	August 2022	68
Chongqing Zhongjian Yuhu No. 1	1,108,501	1,924,809	December 2024	70
Harbin Zhonghai Yunlu Mansion (Phase I)	1,067,244	756,160	December 2022	29
Zhonghai Xueshili	1,060,557	–	August 2023	64
China Construction Splendid Chucheng Phase I	986,732	912,303	December 2023	46
Changxindian project	954,315	894,673	December 2022	53
Tianjin Qianjiang Garden	948,856	793,355	October 2022	72
Zhengzhou Zhonghai Lakeside Shijia North Garden	948,346	907,021	December 2022	31
Shanghai Jiufengli Project	934,558	389,973	March 2022	100
Zhongjian Forest County 3# plot project	912,985	858,874	September 2023	55
Shanghai Jiading District Yunxiang Tuozhan Daju 26A-10A land guarantee housing project	907,377	572,699	December 2023	78
Chongqing Zhongjian Nanchen Jiuyu	895,761	841,066	March 2023	81
Zhongjian Guanhu Yuefu	846,589	758,571	October 2022	47
China Construction City Phase VII land project	832,873	741,398	December 2022	62
Shiliguanlan Project	831,631	336,194	September 2023	32
Wuhan CSCEC Third Bureau Xinggu Real Estate Development Co., Ltd. – office	816,144	383,998	December 2023	44
B0603 project of harbour College of CSCEC Second Bureau	815,629	208,668	December 2023	37

V. Notes to the consolidated financial statements (continued)

31. Contract liabilities (continued)

At the balance sheet date, the details of advances for sale of properties are as follows: (continued)

Project name	30 June 2022	31 December 2021	Estimated completion/ completion date (Note)	Pre-sale percentage (%) (Note)
Zhongjian Qihaoyuan (Anyang) 3# plot project	797,409	774,844	September 2022	92
0046 plot project	773,651	649,596	December 2024	100
Tianjin Xinli No. 1	769,377	1,011,204	August 2022	65
Guangxi Zhongjian Yonghe Province	762,280	1,951,756	June 2023	75
Zhongjian Yueqian Yaju	754,790	1,149,076	April 2022	70
Zhongjian Yujingxingcheng	752,554	592,385	December 2023	45
Cuilanyunjing	744,498	–	December 2023	97
Dalian Park Uptown Project	743,173	1,019,397	April 2022	72
Zhongjian Lumingfu	713,282	–	September 2024	14
Changsha Zhongjian Phoenix Terrace Project	707,931	819,244	June 2022	90
Zhongjian Yinghua Yuefu	684,124	596,456	June 2023	77
Xuhewan	673,601	673,144	December 2022	100
Zhongjian Jiangshan Jiuyu Metro First Phase	650,711	543,337	June 2023	90
Jinan Zhangma New East Railway Station Project C6-1 plot	633,374	581,142	April 2023	93
Zuoanlanting	629,150	–	October 2023	95
Beijing Shunyi District Houshayu Town 19th Street Condominiums	620,488	672,042	December 2022	100
Kunshan 137 plot project	615,874	–	September 2024	32
Huizhili	597,609	–	December 2024	56
Zhongjian Binjiang Star City	594,270	593,955	December 2025	99
Zhongjian Meixi Lake Center	593,772	540,474	December 2024	99
JiuyuFu Project	592,480	481,012	December 2022	33
Nanjing Xiyuan Province	592,110	549,754	December 2022	40
Tianjin Admiralty New Town Lots 8, 10, 11	576,501	571,563	September 2022	56
Concentric Lake Project Lot A	567,896	683,929	November 2023	28
Jinan Zhangma New East Railway Station Project A3A4A7A8 plot	543,193	490,519	January 2024	68
Jiangsu RunjiangFu Project	527,313	517,487	June 2022	57
Zhongjian Renju Shanshui Yishu Phase II	516,227	503,069	September 2022	80
Zhonghai Huanyu Era	514,172	1,930,826	December 2022	82
Beijing Yinghai Ersanfu	511,227	2,594,822	December 2021	100
Beijing Fengtai Jia Village Project	505,645	2,696,482	September 2022	46
Suzhou Baofeng Road Project	502,818	236,146	June 2023	17
Shenzhen Zhonghai Wanjinxianhuating	498,817	245,007	December 2020	32
CSCEC Yipinjingyuan	494,175	385,939	November 2022	87

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

31. Contract liabilities (continued)

At the balance sheet date, the details of advances for sale of properties are as follows: (continued)

Project name	30 June 2022	31 December 2021	Estimated completion/ completion date (Note)	Pre-sale percentage (%) (Note)
Qingdao Jiaodong International Airport Supporting Projects	465,468	430,845	December 2022	100
Shigang Road block, Haizhu District	461,461	–	June 2023	20
Chengdu Zhonghai Huanyunju	461,040	133,581	June 2022	19
Beijing CSCEC Chang'an Lufu project	453,858	286,670	September 2024	32
Changde zhongjian Binjiang Province	452,010	846,375	June 2022	95
Zhonghai Chunlang Garden	445,301	–	December 2022	100
Plot k13-12 of CSCEC Binjiang Xingcheng phase III	416,266	220,681	December 2023	59
Zhongjian Tangxun Lake No. 1	415,246	393,213	December 2023	80
Zhonghai Huanyu Times Garden	414,082	457,905	December 2022	94
CSCEC Longyuetai Phase I	411,150	187,312	June 2024	22
Zhonghai Chunlihusu	406,368	305,760	March 2022	58
CSCEC Yinghu Yuefu	401,176	268,896	July 2024	12
6066, 6067 and other plots projects	400,118	39,001	December 2024	19
Others	26,905,814	88,859,003		
Total	163,044,240	178,702,437		

Note: Most of the above projects are phased development projects. The estimated completion time is the last phase of completion, and the pre-sale ratio is the proportion of the contracted area of the housing area that not meets the sales conditions at the end of each year.

32. Employee benefits payable

For the six months ended 30 June 2022

	Opening balance of the period	Increase during the period	Decrease during the period	Closing balance of the period
Short-term employee benefits payable	8,308,853	51,211,322	(52,767,527)	6,752,648
Defined contribution plans payable (Defined contribution plans)	227,758	4,277,650	(4,224,994)	280,414
Termination benefits payable (Note V. 41)	14,500	5,083	(6,173)	13,410
Total	8,551,111	55,494,055	(56,998,694)	7,046,472

2021

	Opening balance of the year	Increase during the year	Decrease during the year	Closing balance of the year
Short-term employee benefits payable	7,963,533	86,044,343	(85,699,023)	8,308,853
Defined contribution plans payable (Defined contribution plans)	218,870	7,782,797	(7,773,909)	227,758
Termination benefits payable (Note V. 41)	19,620	17,720	(22,840)	14,500
Total	8,202,023	93,844,860	(93,495,772)	8,551,111

V. Notes to the consolidated financial statements (continued)

32. Employee benefits payable (continued)

Short-term employee benefits payable are as follows:

For the six months ended 30 June 2022

	Opening balance of the period	Increase during the period	Decrease during the period	Closing balance of the period
Salaries, bonuses, allowances and subsidies	6,738,280	41,834,608	(43,519,025)	5,053,863
Staff welfare	20,597	3,676,115	(3,618,148)	78,564
Social security	115,093	1,955,417	(1,963,811)	106,699
Including: Medical insurance	94,482	1,745,296	(1,753,331)	86,447
Work injury insurance	12,420	153,035	(153,346)	12,109
Maternity insurance	8,191	57,086	(57,134)	8,143
Supplementary commercial insurance	5,225	94,868	(84,571)	15,522
Housing funds	88,262	2,551,018	(2,547,431)	91,849
Union running costs and employee education costs	1,217,633	812,758	(667,054)	1,363,337
Other short-term benefits	123,763	286,538	(367,487)	42,814
Total	8,308,853	51,211,322	(52,767,527)	6,752,648

2021

	Opening balance of the year	Increase during the year	Decrease during the year	Closing balance of the year
Salaries, bonuses, allowances and subsidies	6,524,333	67,485,031	(67,271,084)	6,738,280
Staff welfare	18,178	6,835,102	(6,832,683)	20,597
Social security	94,751	3,833,695	(3,813,353)	115,093
Including: Medical insurance	79,572	3,417,054	(3,402,144)	94,482
Work injury insurance	9,939	283,982	(281,501)	12,420
Maternity insurance	5,240	132,659	(129,708)	8,191
Supplementary commercial insurance	1,013	189,655	(185,443)	5,225
Housing funds	106,919	5,061,052	(5,079,709)	88,262
Union running costs and employee education costs	1,125,083	2,004,202	(1,911,652)	1,217,633
Other short-term benefits	93,256	635,606	(605,099)	123,763
Total	7,963,533	86,044,343	(85,699,023)	8,308,853

Defined contribution plans payable are as follows:

For the six months ended 30 June 2022

	Opening balance of the period	Increase during the period	Decrease during the period	Closing balance of the period
Basic pension insurance	167,322	3,540,054	(3,507,026)	200,350
Contribution to annuity	49,892	629,118	(611,721)	67,289
Unemployment insurance	10,544	108,478	(106,247)	12,775
Total	227,758	4,277,650	(4,224,994)	280,414

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

32. Employee benefits payable (continued)

Defined contribution plans payable are as follows (continued):

2021

	Opening balance of the year	Increase during the year	Decrease during the year	Closing balance of the year
Basic pension insurance	172,854	6,238,218	(6,243,750)	167,322
Contribution to annuity	37,040	1,336,349	(1,323,497)	49,892
Unemployment insurance	8,976	208,230	(206,662)	10,544
Total	218,870	7,782,797	(7,773,909)	227,758

33. Taxes and surcharges payable

	30 June 2022	31 December 2021
Land appreciation tax	31,857,151	33,450,665
Corporate income tax	18,915,954	23,667,157
Value-added tax	11,757,117	9,626,421
Individual income tax	785,075	1,208,615
Urban maintenance and construction tax	521,942	451,875
Educational surcharge	258,186	233,809
Others	408,907	433,685
Total	64,504,332	69,072,227

34. Other payables

	30 June 2022	31 December 2021
Dividends payable	6,387,895	1,192,181
Other payables	127,882,345	125,530,978
Total	134,270,240	126,723,159

Dividends payable

	30 June 2022	31 December 2021
Dividends payable to non-controlling interests	6,070,595	874,881
Preference shares/perpetual bond dividends payable	317,300	317,300
Total	6,387,895	1,192,181

Other payables

	30 June 2022	31 December 2021
Guarantees payable	34,199,761	33,225,455
Project financing payables	36,229,589	34,654,452
Deposits payable	8,165,410	7,819,889
Payables for advances and construction incentives	25,185,969	24,273,084
Payments due to restricted stock incentive object	3,521,159	3,545,264
Others	20,580,457	22,012,834
Total	127,882,345	125,530,978

V. Notes to the consolidated financial statements (continued)

34. Other payables (continued)

As at 30 June 2022, other payables over 1 year with a carrying amount of RMB48,563,529 thousand (31 December 2021: RMB42,087,075 thousand) are mainly guarantees payable and project financing payables, which were unsettled due to the incompleteness of projects.

35. Current portion of non-current liabilities

	30 June 2022	31 December 2021
Current portion of long-term borrowings (Note V. 37)	54,403,466	53,213,552
Current portion of bonds payable (Note V. 38)	19,197,149	14,858,213
Current portion of long-term payables (Note V. 40)	9,713,397	11,043,043
Non-current liabilities due within one year (Note V. 39)	2,422,602	2,199,318
Other non-current liabilities due within one year (Note V.44)	4,722,171	–
Others	1,894	44,276
Total	90,460,679	81,358,402

36. Other current liabilities

	30 June 2022	31 December 2021
VAT output to be transferred	69,139,873	71,861,258
Absorption deposits (Note X. 5)	9,660,798	4,592,893
Short term financing bonds (Note.1)	8,500,000	2,000,000
Borrowing funds(Note.2)	8,000,000	–
Estimated liabilities (Note V. 42)	2,028,085	1,892,816
Including: Estimated contract losses	676,507	1,146,911
Warranties	1,327,826	659,173
Pending litigations	21,550	53,398
Others	188,814	74,114
Total	97,517,570	80,421,081

Note 1: The information of short-term financing bills is listed as follows:

	Issuance date	Maturity	Opening balance	In current period	Repayment	Ending Balance	Annual interest rate(%)
China Construction Seventh Engineering Bureau Co., Ltd. 2022 first ultra short term financing bonds	January 06, 2022	90 days	–	1,000,000	(1,000,000)	–	2.52
China Construction Seventh Engineering Bureau Co., Ltd. 2022 second ultra short term financing bonds	January 12, 2022	97 days	–	1,000,000	(1,000,000)	–	2.45
China Construction Seventh Engineering Bureau Co., Ltd. 2022 third ultra short term financing bonds	March 09, 2022	180 days	–	1,000,000	–	1,000,000	2.40
China Construction Seventh Engineering Bureau Co., Ltd. 2022 fourth ultra short term financing bonds	March 09, 2022	180 days	–	500,000	–	500,000	2.40

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

36. Other current liabilities (continued)

Note 1: The information of short-term financing bills is listed as follows (continued):

	Issuance date	Maturity	Opening balance	In current period	Repayment	Ending Balance	Annual interest rate(%)
China Construction Seventh Engineering Bureau Co., Ltd. 2022 fifth ultra short term financing bonds	March 10, 2022	90 days	-	500,000	(500,000)	-	2.35
China Construction Seventh Engineering Bureau Co., Ltd. 2022 sixth ultra short term financing bonds	March 14, 2022	90 days	-	500,000	(500,000)	-	2.35
China Construction Seventh Engineering Bureau Co., Ltd. 2022 seventh ultra short term financing bonds	March 11, 2022	210 days	-	500,000	-	500,000	2.42
The eighth ultra short-term financing bonds of China Construction Seventh Engineering Bureau Co., Ltd. in 2022	April 12, 2022	90 days	-	1,000,000	-	1,000,000	2.38
China Construction Seventh Engineering Bureau Co., Ltd. 2022 ninth ultra short term financing bonds	April 22, 2022	88 days	-	500,000	-	500,000	2.30
China Construction Seventh Engineering Bureau Co., Ltd. 2022 tenth ultra short term financing bonds	April 25, 2022	120 days	-	500,000	-	500,000	2.33
China Construction Second Engineering Bureau Co., Ltd. 2021 fifth ultra short term financing bonds	November 12, 2021	105 days	2,000,000	-	(2,000,000)	-	2.48
China Construction Second Engineering Bureau Co., Ltd. 2022 first phase ultra short term financing bonds	January 06, 2022	90 days	-	1,500,000	(1,500,000)	-	2.52
China Construction Second Engineering Bureau Co., Ltd. 2022 second ultra short term financing bonds	June 16, 2022	180 days	-	3,000,000	-	3,000,000	1.95
China Construction Sixth Engineering Bureau Co., Ltd. 2022 second ultra short term financing bonds	January 11, 2022	120 days	-	800,000	(800,000)	-	2.68
China Construction Sixth Engineering Bureau Co., Ltd. 2022 second ultra short term financing bonds	March 30, 2022	120 days	-	700,000	-	700,000	2.60
China Construction Sixth Engineering Bureau Co., Ltd. 2022 third ultra short term financing bonds	April 28, 2022	120 days	-	800,000	-	800,000	2.42
Total			2,000,000	13,800,000	(7,300,000)	8,500,000	

Note 2: As at June 30, 2022, the balance of funds borrowed by China Construction Finance Co., Ltd. in the interbank lending market is RMB8,000,000 thousand (December 31, 2021: Nil), and the annual interest rate of the borrowing funds is 2.23%-2.45%, with the starting date of interest on June 29, 2022, without collateral or guarantee terms.

V. Notes to the consolidated financial statements (continued)

37. Long-term borrowings

	30 June 2022	31 December 2021
Unsecured borrowings	293,180,537	256,697,806
Guaranteed borrowings	12,575,763	13,041,654
Pledged borrowings	109,633,250	100,282,562
Mortgage borrowings	26,455,976	17,927,433
Subtotal	441,845,526	387,949,455
Less: Long-term borrowings due within 1 year (Note V. 35)		
Including: Unsecured borrowings	(42,354,900)	(45,213,476)
Guaranteed borrowings	(1,673,621)	(1,312,843)
Pledged borrowings	(8,152,659)	(5,537,609)
Mortgage borrowings	(2,222,286)	(1,149,624)
Total	387,442,060	334,735,903

As at 30 June 2022, the annual interest rate of long-term borrowings (including current portion of long-term borrowings) varied from 1.15% to 7.00% (31 December 2021: 1.03% to 7.00%).

As at 30 June 2022, the Group had RMB22,702,640 thousand long-term loan principal pledged by future income rights and the project franchise (31 December 2021: RMB19,758,635 thousand).

At 30 June 2022 and 31 December 2021, the Group has mortgaged or pledged various assets to banks as security for borrowings that are presented in detail in Note V. 70.

38. Bonds payable

	30 June 2022	31 December 2021
Corporate bonds	32,692,604	31,276,197
Non-public targeted bond financing instruments	80,881,137	69,109,991
Others	18,793,424	13,932,775
Subtotal	132,367,165	114,318,963
Less: Bonds payable due within 1 year (Note V. 35)	(19,197,149)	(14,858,213)
Total	113,170,016	99,460,750

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

38. Bonds payable (continued)

As at 30 June 2022, the amount of bonds payable is as follows:

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the period	Issuance during the period	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the period
2012 Hong Kong Guaranteed Note No. 4579	USD700 million	15-Nov-2012	10 years	USD700 million	4,422,191	-	52,985	3,067	(61,555)	211,413	4,628,101
2012 Hong Kong Guaranteed Note No. 4580	USD300 million	15-Nov-2012	30 years	USD300 million	1,856,610	-	85,288	223	(75,806)	88,554	1,954,869
2013 Hong Kong Class B Guaranteed Notes	USD500 million	29-Oct-2013	10 years	USD500 million	3,171,223	-	118,379	1,702	(105,712)	150,939	3,336,531
2013 Hong Kong Class C Guaranteed Notes	USD500 million	29-Oct-2013	30 years	USD500 million	3,156,163	-	68,715	302	(79,328)	149,908	3,295,760
2014 Hong Kong Guaranteed Notes No. 5746	USD700 million	8-May-2014	10 years	USD700 million	4,438,205	-	130,592	(758)	(131,266)	211,776	4,646,549
2014 Hong Kong Guaranteed Notes No. 6013	USD500 million	11-Jun-2014	20 years	USD500 million	3,131,036	-	101,449	709	(101,605)	149,346	3,280,935
2016 China Overseas Real Estate Phase I Corporate Bonds	RMB6 billion	22-Aug-2016	10 years	RMB6 billion	1,900,000	-	30,058	-	(29,800)	-	1,900,258
CSCEC II N.2207	USD500 million	5-Jul-2017	5 years	USD500 million	3,230,808	-	49,739	2,357	(3,473,150)	190,246	-
CSCEC II N.2707	USD500 million	5-Jul-2017	10 years	USD500 million	3,222,483	-	58,725	1,735	(117,450)	169,674	3,335,167
2017 Hong Kong Class A Guaranteed Notes	USD550 million	29-Nov-2017	5 years	USD550 million	3,490,751	-	64,054	1,726	(63,733)	167,212	3,660,010
2017 Hong Kong Class B Guaranteed Notes	USD250 million	29-Nov-2017	10 years	USD250 million	1,561,219	-	28,999	585	(28,831)	75,702	1,657,674
2018 China Construction Second Bureau Phase I Medium-Term Notes	RMB1 billion	17-Apr-2018	5 years	RMB1 billion	1,034,888	-	25,219	-	(50,300)	-	1,009,807
2018 Hong Kong Guaranteed Note No. 4475	USD750 million	26-Apr-2018	5 years	USD750 million	4,780,733	-	68,260	2,511	(79,745)	227,913	4,999,672
2018 Hong Kong Guaranteed Note No. 4476	USD750 million	26-Apr-2018	10 years	USD750 million	4,769,420	-	147,992	1,573	(133,966)	227,131	5,012,150
2018 China State Construction Transportation Phase I Medium-term Notes	RMB500 million	23-Jul-2018	5 years	RMB500 million	511,178	-	12,715	-	-	-	523,893
2018 First Medium Term Notes	RMB5 billion	15-Aug-2018	5 years	RMB5 billion	5,085,640	-	116,535	793	-	-	5,202,968
2018 Second Medium Term Notes	RMB5 billion	15-Aug-2018	5 years	RMB5 billion	5,085,640	-	116,535	793	-	-	5,202,968
2019 China Overseas Real Estate Phase I Corporate Bond Variety I	RMB2 billion	23-Jan-2019	6 years	RMB2 billion	2,000,000	-	-	-	(2,000,000)	-	-
2019 China Overseas Real Estate Phase I Corporate Bond Variety II	RMB1.5 billion	23-Jan-2019	7 years	RMB1.5 billion	1,500,000	-	23,730	-	(23,730)	-	1,500,000
2019 China State Construction Transportation Phase I Medium Term Notes	RMB300 million	10-Apr-2019	5 years	RMB300 million	310,307	-	7,066	-	(14,250)	-	303,123
2019 China State Construction Xinjiang Construction Engineering Phase I Medium-term Notes	RMB800 million	20-Jun-2019	3+N years	RMB800 million	822,487	-	22,983	370	(845,840)	-	-
2019 Hong Kong Guaranteed Note No. 4437	HKD2 billion	15-Jul-2019	5.5 years	HKD2 billion	1,689,216	-	38,411	589	(74,772)	77,843	1,731,287
2019 Hong Kong Guaranteed Note No. 4438	USD450 million	15-Jul-2019	10 years	USD450 million	2,865,279	-	42,930	573	(25,050)	136,750	3,020,482
2019 Hong Kong Guaranteed Note No. 40076	USD294 million	27-Nov-2019	10 years	USD294 million	1,863,118	-	69,892	925	(21,424)	89,002	2,001,513
China Construction Third Bureau - Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 01 Asset-Backed Securities	RMB88 million	20-Dec-2019	3.082 years	RMB88 million	25,006	-	2,852	-	(27,858)	-	-
China Construction Third Bureau - Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 02 Asset-Backed Securities	RMB129 million	20-Dec-2019	6.088 years	RMB129 million	134,075	-	1,547	-	(67,523)	-	76,099

V. Notes to the consolidated financial statements (continued)

38. Bonds payable (continued)

As at 30 June 2022, the amount of bonds payable is as follows: (continued)

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the period	Issuance during the period	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the period
China Construction Third Bureau – Shijian Pipe Corridor PPP Project Asset-Backed Special Plan Priority 03 Asset-Backed Securities	RMB149 million	20-Dec-2019	9.085 years	RMB149 million	154,861	-	2,907	-	(5,861)	-	151,907
China Construction Third Bureau – Shijian Pipe Corridor PPP Project Asset-Backed Special Plan Priority 04 Asset-Backed Securities	RMB174 million	20-Dec-2019	12.09 years	RMB174 million	180,845	-	3,394	-	(6,845)	-	177,394
China Construction Third Bureau – Shijian Pipe Corridor PPP Project Asset-Backed Special Plan Priority 05 Asset-Backed Securities	RMB201 million	20-Dec-2019	15.088 years	RMB201 million	208,307	-	3,921	-	(7,907)	-	204,921
China Construction Third Bureau – Shijian Pipe Corridor PPP Project Asset-Backed Special Plan Priority 06 Asset-Backed Securities	RMB234 million	20-Dec-2019	18.096 years	RMB234 million	243,205	-	4,565	-	(9,205)	-	238,565
China Construction Third Bureau – Shijian Pipe Corridor PPP Project Asset-Backed Special Plan Priority 07 Asset-Backed Securities	RMB271 million	20-Dec-2019	21.093 years	RMB271 million	281,661	-	5,287	-	(10,661)	-	276,287
China Construction Third Bureau – Shijian Pipe Corridor PPP Project Asset-Backed Special Plan Priority 08 Asset-Backed Securities	RMB315 million	20-Dec-2019	24.099 years	RMB315 million	327,392	-	6,145	-	(12,392)	-	321,145
China Construction Third Bureau – Shijian Pipe Corridor PPP Project Asset-Backed Special Plan Priority 09 Asset-Backed Securities	RMB365 million	20-Dec-2019	27.096 years	RMB365 million	379,359	-	7,120	-	(14,359)	-	372,120
China Construction Third Bureau – Shijian Pipe Corridor PPP Project Asset-Backed Special Plan Priority 10 Asset-Backed Securities	RMB274 million	20-Dec-2019	29.104 years	RMB274 million	284,779	-	5,345	-	(10,779)	-	279,345
2020 Hong Kong Guaranteed Note No. 40177	USD300 million	2-Mar-2020	5 years	USD300 million	1,895,824	-	18,709	1,248	(11,343)	90,671	1,995,109
2020 Hong Kong Guaranteed Note No. 40178	USD500 million	2-Mar-2020	10 years	USD500 million	3,149,585	-	10,805	1,414	(17,988)	150,532	3,294,348
2020 Hong Kong Guaranteed Note No. 40179	USD200 million	2-Mar-2020	15 years	USD200 million	1,266,726	-	8,586	132	(8,743)	60,488	1,327,189
Beijing Zhonghai Plaza Commercial Development Co., Ltd. CMBS Phase I	RMB3,701 billion	28-Apr-2020	18 years	RMB3,701 billion	3,694,351	-	58,346	-	(67,493)	-	3,695,204
China State Construction International Group Co., Ltd. 2020 for professional investors – Public Offering of Corporate Bonds (Phase I)	RMB2 billion	28-Jul-2020	3 years	RMB2 billion	2,022,307	-	54,085	713	-	-	2,077,705
China Overseas Enterprise Development Group Co., Ltd. 2020 for professional investors – Public Offering of Special Corporate Bonds for Housing Leasing (Phase I)	RMB2 billion	13-Aug-2020	6 years	RMB2 billion	2,000,000	-	31,640	-	(31,640)	-	2,000,000
Beijing Zhonghai Plaza Commercial Development Co., Ltd. CMBS Phase II	RMB3 billion	17-Aug-2020	18 years	RMB3 billion	3,001,122	-	47,403	-	(47,975)	-	3,000,550
China State Construction International Investment Group Co., Ltd. 2020 first medium-term notes	RMB500 million	26-Oct-2020	3 years	RMB500 million	503,074	-	8,179	-	-	-	511,253
China Overseas Enterprise Development Group Co., Ltd. 2020 for professional investors – Public Offering of Corporate Bonds (Phase I)	RMB2.4 billion	6-Nov-2020	3 years	RMB2.4 billion	2,400,000	-	37,968	-	(37,968)	-	2,400,000
China Overseas Enterprise Development Group Limited 2020 First Medium Term Notes	RMB1.5 billion	10-Dec-2020	3 years	RMB1.5 billion	1,500,000	-	23,730	-	(23,730)	-	1,500,000

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

38. Bonds payable (continued)

As at 30 June 2022, the amount of bonds payable is as follows: (continued)

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the period	Issuance during the period	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the period
China Overseas Enterprise Development Group Co., Ltd. 2021 First Medium-term Notes	RMB1.5 billion	13-Jan-2021	3 years	RMB1.5 billion	1,500,000	-	23,730	-	(23,730)	-	1,500,000
CITIC Securities - China Shipping Commercial Management No. 3 Asset-Backed Special Plan	RMB1,001 billion	23-Mar-2021	18 years	RMB1,001 billion	1,001,329	-	15,806	-	(18,035)	-	999,100
China State Construction International Investment Group Co., Ltd. 2021 First Medium-term Notes	RMB1 billion	27-May-2021	3 years	RMB1 billion	1,020,924	-	17,209	-	(35,200)	-	1,002,933
China Overseas Enterprise Development Group Co., Ltd. Open to professional investors in 2021 - Public Issuance of Corporate Bonds (Phase I) (Variety 1)	RMB2 billion	11-Jun-2021	3 years	RMB2 billion	2,000,000	-	31,640	-	(31,640)	-	2,000,000
China Overseas Enterprise Development Group Co., Ltd. Open to professional investors in 2021 - Public Issuance of Corporate Bonds (Phase I) (Variety 2)	RMB1 billion	11-Jun-2021	5 years	RMB1 billion	1,000,000	-	15,820	-	(15,820)	-	1,000,000
CITIC Securities - Chengdu China Overseas International Center Green Asset-Backed Special Program	RMB2,101 billion	23-Jun-2021	18 years	RMB2,101 billion	2,105,468	-	32,591	-	(77,949)	-	2,060,100
China Overseas Enterprise Development Group Co., Ltd. Publicly Issues Corporate Bonds to Professional Investors in 2021 (Phase II) (Variety 1)	RMB1 billion	9-Jul-2021	4 years	RMB1 billion	1,000,000	-	15,820	-	(15,820)	-	1,000,000
China Overseas Enterprise Development Group Co., Ltd. Publicly Issues Corporate Bonds to Professional Investors in 2021 (Phase II) (Variety 2)	RMB2 billion	9-Jul-2021	4 years	RMB2 billion	2,000,000	-	31,640	-	(31,640)	-	2,000,000
China Overseas Enterprise Development Group Co., Ltd. Publicly Issues Corporate Bonds to Professional Investors in 2021 (Phase III) (Variety 1)	RMB500 million	6-Aug-2021	4 years	RMB500 million	500,000	-	7,910	-	(7,910)	-	500,000
China Overseas Enterprise Development Group Co., Ltd. Publicly Issues Corporate Bonds to Professional Investors in 2021 (Phase III) (Variety 2)	RMB1.5 billion	6-Aug-2021	7 years	RMB1.5 billion	1,500,000	-	23,730	-	(23,730)	-	1,500,000
2021 China State Construction West Construction Phase I Medium-term Notes	RMB700 million	18-Aug-2021	3 years	RMB700 million	707,611	-	11,693	175	-	-	719,479
Beijing Zhonghai Plaza Commercial Development Co., Ltd. 2021 Commercial Real Estate Primary Securitization Loan No. 5	RMB1.9 billion	10-Nov-2021	18 years	RMB1.9 billion	1,910,426	-	29,995	-	(44,421)	-	1,896,000
China Overseas Enterprise Development Group Co., Ltd. 2021 Public Offering of Corporate Bonds to Professional Investors (Phase IV) (Variety 1)	RMB1.7 billion	24-Nov-2021	3 years	RMB1.7 billion	1,700,000	-	26,894	-	(26,894)	-	1,700,000
China Overseas Enterprise Development Group Co., Ltd. 2021 Public Offering of Corporate Bonds to Professional Investors (Phase IV) (Variety 2)	RMB1.2 billion	24-Nov-2021	5 years	RMB1.2 billion	1,200,000	-	18,984	-	(18,984)	-	1,200,000
2021 China Construction Fourth Bureau Phase III Medium-term Notes (Variety 1)	RMB1 billion	16-Dec-2021	5 years	RMB1 billion	1,000,650	-	19,696	-	-	-	1,020,346
2021 China Construction Fourth Bureau Phase III Medium-term Notes (Variety 2)	RMB1 billion	16-Dec-2021	5 years	RMB1 billion	1,000,095	-	16,454	-	-	-	1,016,549
China Overseas Enterprise Development Group Co., Ltd. 2021 Public Offering of Corporate Bonds to Professional Investors (Phase V) (Variety 1)	RMB1.3 billion	17-Dec-2021	3 years	RMB1.3 billion	1,300,000	-	20,566	-	(20,566)	-	1,300,000

V. Notes to the consolidated financial statements (continued)

38. Bonds payable (continued)

As at 30 June 2022, the amount of bonds payable is as follows: (continued)

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the period	Issuance during the period	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the period
China Overseas Enterprise Development Group Co., Ltd. 2021 Public Offering of Corporate Bonds to Professional Investors (Phase V) (Variety 2)	RMB800 million	17-Dec-2021	5 years	RMB800 million	800,000	-	12,656	-	(12,656)	-	800,000
China State Construction International Investment Group Co., Ltd. 2021 Second Medium-Term Notes	RMB1.5 billion	27-Dec-2021	3 years	RMB1.5 billion	1,500,196	-	23,442	-	-	-	1,523,638
China Overseas Enterprise Development Group Co., Ltd. 2022 Phase I Medium-term Notes (variety 1)	RMB1.8 billion	12-Jan-2022	3 years	RMB1.8 billion	-	1,800,000	24,048	-	(24,048)	-	1,800,000
China Overseas Enterprise Development Group Co., Ltd. 2022 Phase I Medium-term Notes (variety 2)	RMB1.2 billion	12-Jan-2022	5 years	RMB1.2 billion	-	1,200,000	18,092	-	(18,092)	-	1,200,000
China Overseas Enterprise Development Group Co., Ltd. 2022 Phase II Green Medium-term Notes	RMB1 billion	21-Feb-2022	5 years	RMB1 billion	-	1,000,000	11,359	-	(11,359)	-	1,000,000
CITIC Securities - Shanghai Zhonghai International Center Green asset support special plan (special for carbon neutrality)	RMB5 billion	29-Mar-2022	18 years	RMB5 billion	-	5,000,000	43,271	-	(584)	-	5,042,687
China Construction International Investment Group Co., Ltd. 2022 Phase I Green Medium-term Notes	RMB960 million	31-Mar-2022	3 years	RMB960 million	-	960,000	7,073	-	-	-	967,073
China Overseas Enterprise Development Group Co., Ltd. 2022 Public Offering of Corporate Bonds to Professional Investors (Phase I) (Variety 1)	RMB2 billion	6-Apr-2022	3 years	RMB2 billion	-	2,000,000	14,233	-	(14,233)	-	2,000,000
China Overseas Enterprise Development Group Co., Ltd. 2022 Public Offering of Corporate Bonds to Professional Investors (Phase I) (Variety 2)	RMB1 billion	6-Apr-2022	5 years	RMB1 billion	-	1,000,000	8,167	-	(8,167)	-	1,000,000
China Construction International Investment Group Co., Ltd. 2022 Phase II Medium-term Notes	RMB1.5 billion	25-Apr-2022	3 years	RMB1.5 billion	-	1,500,000	8,525	-	-	-	1,508,525
China Construction Capital Holdings Co., Ltd. 2022 Public Offering of Corporate Bonds to Professional Investors (Phase I)	RMB1 billion	27-Apr-2022	3 years	RMB1 billion	-	1,000,000	5,877	(2,000)	-	-	1,003,877
China Overseas Enterprise Development Group Co., Ltd. 2022 Public Offering of Corporate Bonds to Professional Investors (Phase II) (Variety 1)	RMB1.5 billion	9-May-2022	3 years	RMB1.5 billion	-	1,500,000	5,844	-	(5,844)	-	1,500,000
China Overseas Enterprise Development Group Co., Ltd. 2022 Public Offering of Corporate Bonds to Professional Investors (Phase II) (Variety 2)	RMB1.5 billion	9-May-2022	5 years	RMB1.5 billion	-	1,500,000	7,395	-	(7,395)	-	1,500,000
China Overseas Enterprise Development Group Co., Ltd. 2022 Phase III Medium-term Notes (variety 1)	RMB2 billion	25-May-2022	3 years	RMB2 billion	-	2,000,000	4,968	-	(4,968)	-	2,000,000
China Overseas Enterprise Development Group Co., Ltd. 2022 Phase III Medium-term Notes (variety 2)	RMB1 billion	25-May-2022	5 years	RMB1 billion	-	1,000,000	2,928	-	(2,928)	-	1,000,000
Subtotal					114,318,963	21,460,000	2,381,841	21,457	(8,440,196)	2,825,100	132,367,165
Less: bonds payable due within one year (Note V.35)					(14,858,213)						(19,197,149)
Total					99,460,750						113,170,016

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

38. Bonds payables (continued)

As at 31 December 2021, the amount of bonds payable is as follows:

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the year	Issuance during the year	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the year
2012 Hong Kong Guaranteed Note No. 4579	USD700 million	15-Nov-2012	10 years	USD700 million	4,575,930	-	176,948	(5,909)	(163,334)	(161,444)	4,422,191
2012 Hong Kong Guaranteed Note No. 4580	USD300 million	15-Nov-2012	30 years	USD300 million	1,943,858	-	101,528	(422)	(116,553)	(71,801)	1,866,610
2013 Hong Kong Class B Guaranteed Notes	USD500 million	29-Oct-2013	10 years	USD500 million	3,304,713	-	172,113	(3,228)	(185,096)	(117,279)	3,171,223
2013 Hong Kong Class C Guaranteed Notes	USD500 million	29-Oct-2013	30 years	USD500 million	3,288,148	-	204,135	(568)	(193,705)	(121,847)	3,156,163
2014 Hong Kong Guaranteed Notes No. 5746	USD700 million	8-May-2014	10 years	USD700 million	4,614,376	-	266,884	1,449	(267,592)	(176,712)	4,438,205
2014 Hong Kong Guaranteed Notes No. 6013	USD500 million	11-Jun-2014	20 years	USD500 million	3,253,288	-	205,299	(1,331)	(206,388)	(119,832)	3,131,036
2015 China Construction Eighth Bureau First Medium Term Notes	RMB100 million	29-Apr-2015	5 years	RMB100 million	7,947	-	-	-	(7,947)	-	-
2015 China State Construction Eighth Bureau Second Medium Term Note	RMB1.6 billion	17-Aug-2015	5 years	RMB1.6 billion	18,613	-	-	-	(18,613)	-	-
2015 China Overseas Real Estate Phase I Corporate Bonds	RMB7 billion	19-Nov-2015	6 years	RMB7 billion	3,439,691	-	133,643	-	(8,573,334)	-	-
2015 China Overseas Real Estate Phase II Corporate Bonds	RMB1 billion	19-Nov-2015	7 years	RMB1 billion	10,267	-	-	-	(10,267)	-	-
CITIC Real Estate Co., Ltd. 2016 Non-public Issuance of Corporate Bonds (Phase 1)	RMB1 billion	15-Jan-2016	5 years	RMB1 billion	416,925	-	542	-	(417,467)	-	-
2016 First Medium Term Notes	RMB3 billion	11-Apr-2016	5 years	RMB3 billion	3,034,180	-	53,556	264	(3,088,000)	-	-
CSCEC IIN 2106	USD500 million	14-Jun-2016	5 years	USD500 million	3,284,387	-	38,972	2,139	(3,230,886)	(74,612)	-
2016 China Overseas Real Estate Phase I Corporate Bonds	RMB6 billion	22-Aug-2016	10 years	RMB6 billion	6,152,201	-	173,882	-	(4,426,063)	-	1,900,000
2016 China State Construction Sixth Bureau First Medium Term Note	RMB500 million	24-Aug-2016	5 years	RMB500 million	505,816	-	11,251	333	(517,400)	-	-
2016 China Construction West Construction Phase I Medium-term Note	RMB700 million	27-Sep-2016	5 years	RMB700 million	705,990	-	20,633	1,167	(727,790)	-	-
CSCEC IIN 2207	USD500 million	5-Jul-2017	5 years	USD500 million	3,301,999	-	92,448	4,313	(92,448)	(75,504)	3,230,808
CSCEC IIN 2707	USD500 million	5-Jul-2017	10 years	USD500 million	3,294,880	-	111,576	3,237	(111,575)	(75,335)	3,222,483
2017 Hong Kong Class A Guaranteed Notes	USD550 million	29-Nov-2017	5 years	USD550 million	3,624,870	-	122,561	6,077	(122,970)	(139,787)	3,490,751
2017 Hong Kong Class B Guaranteed Notes	USD250 million	29-Nov-2017	10 years	USD250 million	1,642,368	-	63,962	-	(64,176)	(60,835)	1,581,219
2018 China Overseas Real Estate Phase 1 Medium-Term Notes	RMB3 billion	5-Feb-2018	3 years	RMB3 billion	3,069,759	-	17,266	-	(3,087,025)	-	-
2018 China Construction Second Bureau Phase I Medium-Term Notes	RMB1 billion	17-Apr-2018	5 years	RMB1 billion	1,034,354	-	50,834	1,200	(51,500)	-	1,034,888
2018 China Construction Fangcheng Non-public Issuance of Corporate Bonds (Phase I)	RMB700 million	24-Apr-2018	3 years	RMB700 million	726,537	-	12,176	-	(738,713)	-	-
2018 Hong Kong Guaranteed Note No. 4475	USD750 million	26-Apr-2018	5 years	USD750 million	4,951,294	-	204,586	(4,811)	(193,121)	(177,215)	4,780,733
2018 Hong Kong Guaranteed Note No. 4476	USD750 million	26-Apr-2018	10 years	USD750 million	4,966,747	-	228,656	(3,000)	(242,724)	(180,259)	4,789,420

V. Notes to the consolidated financial statements (continued)

38. Bonds payables (continued)

As at 31 December 2021, the amount of bonds payable is as follows: (continued)

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the year	Issuance during the year	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the year
2018 China State Construction Transportation Phase I Medium-term Notes	RMB500 million	23-Jul-2018	5 years	RMB500 million	511,178	-	25,500	-	(25,500)	-	511,178
2018 First Medium Term Notes	RMB5 billion	15-Aug-2018	5 years	RMB5 billion	5,114,358	-	204,739	1,543	(235,000)	-	5,085,640
2018 Second Medium Term Notes	RMB5 billion	15-Aug-2018	5 years	RMB5 billion	5,114,358	-	204,739	1,543	(235,000)	-	5,085,640
2018 China Overseas Real Estate Phase I Corporate Bonds	RMB3.5 billion	19-Oct-2018	6 years	RMB3.5 billion	3,585,531	-	130,879	-	(3,696,410)	-	-
2018 China State Construction Seventh Bureau Phase I Medium-Term Notes	RMB2 billion	8-Nov-2018	3 years	RMB2 billion	2,017,386	-	67,814	-	(2,085,200)	-	-
2018 China Construction Fourth Bureau Third Medium-Term Notes	RMB2 billion	22-Nov-2018	3 years	RMB2 billion	2,009,544	-	76,256	-	(2,085,800)	-	-
2019 China Overseas Real Estate Phase I Corporate Bond Variety I	RMB2 billion	23-Jan-2019	6 years	RMB2 billion	2,067,645	-	64,878	-	(132,523)	-	2,000,000
2019 China Overseas Real Estate Phase I Corporate Bond Variety II	RMB1.5 billion	23-Jan-2019	7 years	RMB1.5 billion	1,536,238	-	52,566	-	(88,824)	-	1,500,000
2019 China State Construction Transportation Phase I Medium Term Notes	RMB300 million	10-Apr-2019	5 years	RMB300 million	310,307	-	14,250	-	(14,250)	-	310,307
2019 China State Construction Xinjiang Construction Engineering Phase I Medium-term Notes	RMB800 million	20-Jun-2019	3-N years	RMB800 million	821,622	-	45,965	740	(45,840)	-	822,487
2019 Hong Kong Guaranteed Note No. 4437	HKD2 billion	15-Jul-2019	5.5 years	HKD2 billion	1,710,356	-	200,257	(1,144)	(186,710)	(61,543)	1,689,216
2019 Hong Kong Guaranteed Note No. 4438	USD450 million	15-Jul-2019	10 years	USD450 million	2,988,422	-	53,604	(1,107)	(65,687)	(109,953)	2,865,279
2019 Hong Kong Guaranteed Note No. 40076	USD294 million	27-Nov-2019	10 years	USD294 million	1,973,321	-	30,960	(1,794)	(69,992)	(69,377)	1,863,118
China Construction Third Bureau - Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 01 Asset-Backed Securities	RMB88 million	20-Dec-2019	3.082 years	RMB88 million	91,585	-	10,768	-	(77,347)	-	25,006
China Construction Third Bureau - Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 02 Asset-Backed Securities	RMB129 million	20-Dec-2019	6.088 years	RMB129 million	134,255	-	5,075	-	(5,255)	-	134,075
China Construction Third Bureau - Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 03 Asset-Backed Securities	RMB149 million	20-Dec-2019	9.085 years	RMB149 million	155,070	-	5,861	-	(6,070)	-	154,861
China Construction Third Bureau - Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 04 Asset-Backed Securities	RMB174 million	20-Dec-2019	12.09 years	RMB174 million	181,089	-	6,845	-	(7,089)	-	180,845
China Construction Third Bureau - Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 05 Asset-Backed Securities	RMB201 million	20-Dec-2019	15.088 years	RMB201 million	209,189	-	7,907	-	(8,189)	-	208,907
China Construction Third Bureau - Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 06 Asset-Backed Securities	RMB234 million	20-Dec-2019	18.096 years	RMB234 million	243,533	-	9,205	-	(9,533)	-	243,205

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

38. Bonds payables (continued)

As at 31 December 2021, the amount of bonds payable is as follows: (continued)

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the year	Issuance during the year	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the year
China Construction Third Bureau – Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 07 Asset-Backed Securities	RMB271 million	20-Dec-2019	21.093 years	RMB271 million	282,041	-	10,661	-	(11,041)	-	281,661
China Construction Third Bureau – Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 08 Asset-Backed Securities	RMB315 million	20-Dec-2019	24.099 years	RMB315 million	327,833	-	12,392	-	(12,833)	-	327,392
China Construction Third Bureau – Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 09 Asset-Backed Securities	RMB365 million	20-Dec-2019	27.096 years	RMB365 million	379,870	-	14,359	-	(14,870)	-	379,359
China Construction Third Bureau – Shiyuan Pipe Corridor PPP Project Asset-Backed Special Plan Priority 10 Asset-Backed Securities	RMB274 million	20-Dec-2019	29.104 years	RMB274 million	285,163	-	10,779	-	(11,163)	-	284,779
2020 Hong Kong Guaranteed Note No. 40177	USD300 million	2-Mar-2020	5 years	USD300 million	1,972,538	-	24,602	(2,451)	(29,440)	(69,425)	1,885,824
2020 Hong Kong Guaranteed Note No. 40178	USD500 million	2-Mar-2020	10 years	USD500 million	3,261,612	-	47,475	(2,750)	(38,833)	(117,919)	3,149,585
2020 Hong Kong Guaranteed Note No. 40179	USD200 million	2-Mar-2020	15 years	USD200 million	1,314,775	-	21,590	(257)	(20,263)	(49,109)	1,266,726
Beijing Zhonghai Plaza Commercial Development Co., Ltd. CMBS Phase I	RMB3.701 billion	28-Apr-2020	18 years	RMB3.701 billion	3,706,541	-	61,679	-	(73,869)	-	3,694,351
China State Construction International Group Co., Ltd. 2020 for professional investors – Public Offering of Corporate Bonds (Phase I)	RMB2 billion	28-Jul-2020	3 years	RMB2 billion	2,025,943	-	70,603	1,407	(75,046)	-	2,022,907
China Overseas Enterprise Development Group Co., Ltd. 2020 for professional investors – Public Offering of Special Corporate Bonds for Housing Leasing (Phase I)	RMB2 billion	13-Aug-2020	6 years	RMB2 billion	2,024,711	-	59,831	-	(84,542)	-	2,000,000
Beijing Zhonghai Plaza Commercial Development Co., Ltd. CMBS Phase II	RMB3 billion	17-Aug-2020	18 years	RMB3 billion	3,005,992	-	78,020	-	(82,880)	-	3,001,122
China State Construction International Investment Group Co., Ltd. 2020 first medium-term notes	RMB500 million	26-Oct-2020	3 years	RMB500 million	503,072	-	17,252	-	(17,250)	-	503,074
China Overseas Enterprise Development Group Co., Ltd. 2020 for professional investors – Public Offering of Corporate Bonds (Phase I)	RMB2.4 billion	6-Nov-2020	3 years	RMB2.4 billion	2,411,787	-	56,091	-	(67,878)	-	2,400,000
China Overseas Enterprise Development Group Limited 2020 First Medium Term Notes	RMB1.5 billion	10-Dec-2020	3 years	RMB1.5 billion	1,503,150	-	50,482	-	(63,632)	-	1,500,000
China Overseas Enterprise Development Group Co., Ltd. 2021 First Medium-Term Notes	RMB1.5 billion	13-Jan-2021	3 years	RMB1.5 billion	-	1,500,000	49,133	-	(49,133)	-	1,500,000
CITIC Securities – China Shipping Commercial Management No. 3 Asset-Backed Special Plan	RMB1.001 billion	23-Mar-2021	18 years	RMB1.001 billion	-	1,001,000	25,690	-	(25,361)	-	1,001,329

V. Notes to the consolidated financial statements (continued)

38. Bonds payables (continued)

As at 31 December 2021, the amount of bonds payable is as follows: (continued)

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the year	Issuance during the year	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the year
China State Construction International Investment Group Co., Ltd. 2021 First Medium-Term Notes	RMB1 billion	27-May-2021	3 years	RMB1 billion	-	1,000,000	20,924	-	-	-	1,020,924
China Overseas Enterprise Development Group Co., Ltd. Open to professional investors in 2021 - Public Issuance of Corporate Bonds (Phase I) (Variety 1)	RMB2 billion	11-Jun-2021	3 years	RMB2 billion	-	2,000,000	35,931	-	(35,931)	-	2,000,000
China Overseas Enterprise Development Group Co., Ltd. Open to professional investors in 2021 - Public Issuance of Corporate Bonds (Phase I) (Variety 2)	RMB1 billion	11-Jun-2021	5 years	RMB1 billion	-	1,000,000	19,624	-	(19,624)	-	1,000,000
CITIC Securities - Chergdu China Overseas International Center Green Asset-Backed Special Program	RMB2.101 billion	23-Jun-2021	18 years	RMB2.101 billion	-	2,101,000	108,744	-	(104,286)	-	2,105,458
China Overseas Enterprise Development Group Co., Ltd. Publicly Issues Corporate Bonds to Professional Investors in 2021 (Phase II) (Variety 1)	RMB1 billion	9-Jul-2021	4 years	RMB1 billion	-	1,000,000	14,811	-	(14,811)	-	1,000,000
China Overseas Enterprise Development Group Co., Ltd. Publicly Issues Corporate Bonds to Professional Investors in 2021 (Phase II) (Variety 2)	RMB2 billion	9-Jul-2021	4 years	RMB2 billion	-	2,000,000	31,056	-	(31,056)	-	2,000,000
China Overseas Enterprise Development Group Co., Ltd. Publicly Issues Corporate Bonds to Professional Investors in 2021 (Phase III) (Variety 1)	RMB500 million	6-Aug-2021	4 years	RMB500 million	-	500,000	5,500	-	(5,500)	-	500,000
China Overseas Enterprise Development Group Co., Ltd. Publicly Issues Corporate Bonds to Professional Investors in 2021 (Phase III) (Variety 2)	RMB1.5 billion	6-Aug-2021	7 years	RMB1.5 billion	-	1,500,000	19,500	-	(19,500)	-	1,500,000
2021 China State Construction West Construction Phase I Medium-term Notes	RMB700 million	18-Aug-2021	3 years	RMB700 million	-	700,000	8,544	(933)	-	-	707,611
Beijing Zhonghai Plaza Commercial Development Co., Ltd. 2021 Commercial Real Estate Primary Securitization Loan No. 5	RMB1.9 billion	10-Nov-2021	18 years	RMB1.9 billion	-	1,901,000	9,426	-	-	-	1,910,426
China Overseas Enterprise Development Group Co., Ltd. 2021 Public Offering of Corporate Bonds to Professional Investors (Phase IV) (Variety 1)	RMB1.7 billion	24-Nov-2021	3 years	RMB1.7 billion	-	1,700,000	5,236	-	(5,236)	-	1,700,000
China Overseas Enterprise Development Group Co., Ltd. 2021 Public Offering of Corporate Bonds to Professional Investors (Phase IV) (Variety 2)	RMB1.2 billion	24-Nov-2021	5 years	RMB1.2 billion	-	1,200,000	4,056	-	(4,056)	-	1,200,000

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

38. Bonds payables (continued)

As at 31 December 2021, the amount of bonds payable is as follows: (continued)

	Par value	Issuance date	Maturity	Issuance amount	Opening balance of the year	Issuance during the year	Par interest accrued	Interest adjustment	Repayment	Others (Note)	Closing balance of the year
2021 China Construction Fourth Bureau Phase III Medium-term Notes (Variety 1)	RMB1 billion	16-Dec-2021	5 years	RMB1 billion	-	999,460	1,190	-	-	-	1,000,650
2021 China Construction Fourth Bureau Phase III Medium-term Notes (Variety 2)	RMB1 billion	16-Dec-2021	5 years	RMB1 billion	-	999,100	895	-	-	-	1,000,095
China Overseas Enterprise Development Group Co., Ltd. 2021 Public Offering of Corporate Bonds to Professional Investors (Phase V) (Variety 1)	RMB1.3 billion	17-Dec-2021	3 years	RMB1.3 billion	-	1,300,000	1,184	-	(1,184)	-	1,300,000
China Overseas Enterprise Development Group Co., Ltd. 2021 Public Offering of Corporate Bonds to Professional Investors (Phase V) (Variety 2)	RMB800 million	17-Dec-2021	5 years	RMB800 million	-	800,000	826	-	(826)	-	800,000
China State Construction International Investment Group Co., Ltd. 2021 Second Medium-Term Notes	RMB1.5 billion	27-Dec-2021	3 years	RMB1.5 billion	-	1,500,000	196	-	-	-	1,500,196
Subtotal					118,888,843	24,701,560	4,579,711	(4,283)	(31,816,970)	(2,029,888)	114,318,963
Less: bonds payable due within one year (Note V.35)					(30,106,372)						(14,868,213)
Total					88,782,471						99,460,750

Note: Others are mainly caused by change of foreign exchange rate.

V. Notes to the consolidated financial statements (continued)

39. Lease liabilities

	30 June 2022	31 December 2021
Buildings	6,347,899	4,884,241
Machinery and equipment	695,452	797,096
Motor vehicles	11,925	11,333
Other equipments	214,433	188,985
Subtotal	7,269,709	5,881,655
Less: Non-current liabilities due within one year (Note V. 35)	(2,422,602)	(2,199,318)
Total	4,847,107	3,682,337

40. Long-term payables

	30 June 2022	31 December 2021
Project quality warranty payable	20,201,182	20,562,576
Payables for minority interest financing	2,584,617	2,087,549
Payables for leasing companies	1,195,824	1,364,020
Others	3,453,525	3,520,894
Subtotal	27,435,148	27,535,039
Less: current portion of long-term payables (Note V. 35)	(9,713,397)	(11,043,043)
Total	17,721,751	16,491,996

41. Long-term employee benefits payable

	30 June 2022	31 December 2021
Net defined benefit liability (a)	1,715,140	1,778,960
Long-term termination benefits (b)	38,010	44,860
Subtotal	1,753,150	1,823,820
Less: Termination benefits expected to be paid within one year (Note V,32)	(13,410)	(14,500)
Total	1,739,740	1,809,320

(a) Net defined benefit liability

The company pays supplementary retirement benefits for its employees who retire on or before 31 March 2007 in addition to the contribution made to statutory insurance schemes. Such supplementary retirement benefits are defined benefit plans. The present value of the defined benefit plan obligation is calculated annually by the external independent actuary Towers Watson Consulting Company based on the interest rate of the national debt similar to the obligation period and currency, using the expected cumulative benefit unit method.

The principal actuarial assumptions used as at the balance sheet date are as follows:

	30 June 2022	31 December 2021
Discount rate	3.00%	3.00%
Annual growth rate of living expenses for the family dependents of deceased employees	4.50%	4.50%
Annual growth rate of average medical expenses	8.00%	8.00%
Annual growth rate of supplementary welfare for retired employees	0.00%	0.00%
Mortality rate	Move three years backward annuity life chart of China's Life Insurance Industry of man/women (Year 2010-2013)	Move three years backward annuity life chart of China's Life Insurance Industry of man/women (Year 2010-2013)

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

41. Long-term employee benefits payable (continued)

(a) Net defined benefit liability (continued)

The quantitative sensitivity analysis for significant assumptions used is as follows:

30 June 2022

	Increase %	Decrease in defined benefit obligations	Decrease %	Increase in defined benefit obligations
Discount rate	0.25	(32,060)	0.25	33,270

31 December 2021

	Increase %	Decrease in defined benefit obligations	Decrease %	Increase in defined benefit obligations
Discount rate	0.25	(33,730)	0.25	35,010

The sensitivity analysis above has been determined based on a method that extrapolates the impact on defined benefit obligations as a result of reasonable changes in key assumptions occurring at the balance sheet date. The sensitivity analysis is based on a change in a significant assumption, keeping all other assumptions constant. The sensitivity analysis may not be representative of an actual change in the defined benefit obligations as it is unlikely that changes in assumptions would occur in isolation of one another.

The total expenses recognised in profit or loss in respect of the plan are as follows:

	For the six months ended 30 June 2022	2021
Past service cost	–	(33,420)
Net interest	25,330	59,230
Net cost of post-employment benefits	25,330	25,810
Write-off in administrative expenses	–	(33,420)
Recognised in finance expenses	25,330	59,230
Total	25,330	25,810

Movements in the present value of defined benefit obligations are as follows:

	For the six months ended 30 June 2022	2021
Opening balance	1,778,960	1,955,040
Included in profit or loss		
Past service cost	–	(33,420)
Net interest	25,330	59,230
Included in other comprehensive income		
Actuarial losses/(gains)	20	(1,500)
Other changes		
Benefits paid	(89,170)	(200,390)
Closing balance	1,715,140	1,778,960

V. Notes to the consolidated financial statements (continued)

41. Long-term employee benefits payable (continued)

(b) Long-term termination benefits

Some of the Group's employees early retired. At the balance sheet date, the main actuarial assumptions used to determine the Group's early retirement benefits payable are as follows:

	30 June 2022	31 December 2021
Discount rate	2.50%	2.50%
Annual growth rate of living expenses for the family dependents of deceased employees	4.50%	4.50%
Annual growth rate of average medical expenses	8.00%	8.00%
Mortality rate	Move three years backward annuity life chart of China's Life Insurance Industry of man/women (Year 2010-2013)	Move three years backward annuity life chart of China's Life Insurance Industry of man/women (Year 2010-2013)

Early retirement benefits recognised in profit or loss for the current period:

	For the six months ended 30 June 2022	2021
General and administrative expenses	90	(2,050)
Financial expenses	470	1,380
Total	560	(670)

42. Provisions

For the six months ended 30 June 2022

	Opening balance	Increase	Decrease	Closing balance
Pending litigations	3,176,132	19,870	(52,087)	3,143,915
Warranties	1,804,059	959,682	(265,949)	2,497,792
Estimated contract losses	1,191,728	255,117	(673,069)	773,776
Others	142,784	11,505	(28,091)	126,198
Subtotal	6,314,703	1,246,174	(1,019,196)	6,541,681
Less: current portion of provisions (Note V. 36)	(1,892,816)			(2,028,085)
Total	4,421,887			4,513,596

43. Deferred income

	30 June 2022	31 December 2021
Government grant	428,880	469,975
Others	4,784	5,539
Total	433,664	475,514

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

43. Deferred income (continued)

As at 30 June 2022, government grants related to liabilities were as follows:

	Opening balance of the period	During the period	Amount recognised in other income during the period	Amount recognised in non-operating income during the period	Other changes during the period	Closing balance of the period	Related to assets/Related to income
Government Compensation for Workshop Construction of Guangdong Construction Base Co., Ltd.	137,003	-	(2,083)	-	-	134,920	Related to assets
Government Compensation for Demolition of Tangshan Fengrun District Linyin Road West Side Land	72,414	-	-	-	-	72,414	Related to assets
Government Compensation for Demolition of Guiyang Dayingpo Renovation Project	70,260	-	(1,185)	-	-	69,075	Related to assets
Others	190,298	30,865	(32,068)	(1,985)	(34,639)	152,471	Related to assets and income
Total	469,975	30,865	(35,336)	(1,985)	(34,639)	428,880	

As at December 31 2021, government grants related to liabilities were as follows:

	Opening balance of the year	During the year	Amount recognised in other income during the year	Amount recognised in non-operating income during the year	Other changes during the year	Closing balance of the year	Related to assets/Related to income
Government Compensation for Workshop Construction of Guangdong Construction Base Co., Ltd.	142,003	-	(5,000)	-	-	137,003	Related to assets
Government Compensation for Demolition of Tangshan Fengrun District Linyin Road West Side Land	77,408	-	-	(4,994)	-	72,414	Related to assets
Government Compensation for Demolition of Guiyang Dayingpo Renovation Project	72,631	-	(2,371)	-	-	70,260	Related to assets
Others	171,711	154,565	(99,277)	(5,299)	(31,402)	190,298	Related to assets and income
Total	463,753	154,565	(106,648)	(10,293)	(31,402)	469,975	

44. Other non-current liabilities

	30 June 2022	31 December 2021
Exchangeable bonds in 2016 (Note 1)	4,722,171	4,488,392
Prepaid investment of convertible bonds in 2015 (Note 2)	1,564,250	1,485,882
Advance receipt of capital increase (Note 3)	-	400,000
VAT output to be transferred	316,308	285,655
Others	760,923	796,176
Sub-total	7,363,652	7,456,105
Less: Current portion of non-current liabilities (Note V. 35)	4,722,171	-
Total	2,641,481	7,456,105

Note 1: The Group's subsidiary China Overseas Finance Investment (Cayman) V Limited (here in after "the issuer") publicly issued exchangeable bonds of USD1.5 billion on Hong Kong Stock Exchange on 6 January 2016. The bonds are guaranteed by China Overseas Holdings Limited, and the maturity date is 5 January 2023. Related clauses are as follows:

- (1) The bondholder is entitled to apply for redemption of bonds at 111.54% of par value on 5 January 2020;
- (2) In cases of the change of guarantor, or delisting or restricted trading of China Overseas Land & Investment Ltd. on Hong Kong Stock Exchange, bond holders have the right to require the issuer to redeem the bonds readily;

V. Notes to the consolidated financial statements (continued)

44. Other non-current liabilities (continued)

Note 1: (continued)

- (3) Bond holders have the right to apply for redemption on maturity date at 121.07% of par value;
- (4) During the exchange period from 15 February 2016 to 8 work days before maturity date, bond holders have the right to exchange the bonds for ordinary shares of China Overseas Land & Investment Ltd., the par value of which is HKD0.10, at the price of HKD41.50 per share;
- (5) At any time from 5 January 2020 to 7 work days before maturity date, if the stock price of China Overseas Land & Investment Ltd. during 15 trading days is continuously higher than 130% of early redemption price set in the agreement divided by exchange rate, the issuer has the right to carry out exchange in the full (not partial) amount, and should release notice in no more than 3 days after the matter occurs.

Exchangeable bonds in 2016 were recognised as financial liabilities at fair value through profit or loss in the first place and disclosed in other non-current liabilities. Changes in fair value caused by changes in relevant credit risks are insignificant.

Note 2: Related information regarding prepaid investment of convertible bonds in 2015:

Strategic Capital, LLC, a subsidiary of the Group, received a prepaid investment of USD300 million from Riton Holdings Corporation Limited, a wholly-owned subsidiary of Guoxin International Investment Co., Ltd. As at 30 June 2022, under the convertible bond framework agreement entered into by both parties, and the relevant conversion clauses under the framework agreement have not yet been determined, and Strategic Capital, LLC has redeemed a total of US\$67 million.

Note 3: The Group's subsidiary China State Construction Finance Co., Ltd., received an advance capital increase of RMB400 million from its shareholder, China State Construction Engineering Corporation, in 2021. As at 30 June 2022, the capital increase procedures have been completed.

45. Paid-in capital

For the six months ended 30 June 2022

	Opening balance of the period	Movement during the period	Closing balance of the period
Shares not subjected to trading restriction	40,644,583	190,784	40,835,367
Shares subjected to trading restriction	1,303,585	(198,093)	1,105,492
Total	41,948,168	(7,309)	41,940,859

2021

	Opening balance of the year	Movement during the year	Closing balance of the year
Shares not subjected to trading restriction	41,253,603	(609,020)	40,644,583
Shares subjected to trading restriction	711,469	592,116	1,303,585
Total	41,965,072	(16,904)	41,948,168

46. Other equity instruments

For the six months ended 30 June 2022

	Opening balance of the period		Increase during the period		Decrease during the period		Closing balance of the period	
	amount	net book value	amount	net book value	amount	net book value	amount	net book value
Perpetual Bond	-	10,000,000	-	-	-	-	-	10,000,000

2021

	Opening balance of the year		Increase during the year		Decrease during the year		Closing balance of the year	
	amount	net book value	amount	net book value	amount	net book value	amount	net book value
Perpetual Bond	-	10,000,000	-	-	-	-	-	10,000,000

V. Notes to the consolidated financial statements (continued)

46. Other equity instruments (continued)

During the period from 1 April 2020 to 2 April 2020, the Company issued the 2020 first-phase medium-term notes of which the value date was 3 April 2020, and it can be redeemed by the Company on 3 April 2023 and there after. The total issuance amount was RMB4,000,000 thousand, and the actual amount received was RMB4,000,000 thousand. The value date of issuance from April 9 to April 10, 2020 is April 13, 2020, and it can be issued on April 13, 2023. The second-phase medium-term notes can be redeemed on April 3, 2023 and beyond and thereafter has a total issuance of RMB3 billion, and the actual receipt of RMB3 billion. The value date of the company's issuance from April 16 to April 17, 2020 is April 20, 2020, the 2020 third-phase medium-term notes, which can be redeemed on and after April 20, 2023, have a total issuance of RMB3 billion, and actually received RMB3 billion. According to the issuance terms of the batch of medium-term notes, the batch of medium-term notes will last for a long time before being redeemed by the Company. On the third and every subsequent interest payment date of the batch of medium-term notes, the company has the right to redeem the batch of medium-term notes (hereinafter referred to as Right of "redemption") at face value plus interest payable (including all deferred interest and its yield). Investors of this batch of medium-term notes have no right to sell back. Unless there is a compulsory interest payment event that can be determined by the company to control whether it occurs, on each interest payment date of the batch of medium-term notes, the company can choose to include the current interest and all interest and its fruits that have been deferred in accordance with the terms. Interest is deferred to the next interest payment date, and is not subject to any restrictions on the number of deferred interest payments. The company accounts for the amount actually received after deducting the relevant transaction costs from the total issuance as other equity instruments.

The coupon rate of this batch of medium-term notes remained unchanged for the first three interest-bearing years. The annual interest rate of the first phase of medium-term notes in 2020 is 3.29%, and the annual interest rate of the second phase of medium-term notes in 2020 is 3.10%. The annual interest rate of the third-phase medium-term notes is 3.09%. If the Company does not exercise the Right of redemption, the annual interest rate will be reset every 3 years based on the current benchmark interest rate plus the initial spread plus 300 basis points from the fourth interest calculation year. Among them, the initial spread is the difference between the coupon rate and the initial benchmark interest rate.

The aforementioned compulsory interest payment event refers to one of the following circumstance occurring within 12 months before the interest payment date: (1) Dividend distribution to ordinary shareholders (except for the profit paid by a wholly state-owned enterprise); (2) Reduction of registered capital. The issuer promises that there is no hidden compulsory dividend.

As of 30 June 2022, the carrying amount of the perpetual bonds issued by the Company was RMB10,000,000 thousand (31 December 2021: RMB10,000,000 thousand).

V. Notes to the consolidated financial statements (continued)

47. Capital reserve

For the six months ended 30 June 2022

	Opening balance of the period	Increase during the period	Decrease during the period	Closing balance of the period
Capital premium	9,119,819	153,053	–	9,272,872
Others	2,140,716	316,667	(16,796)	2,440,587
Total	11,260,535	469,720	(16,796)	11,713,459

2021

	Opening balance of the year	Increase during the year	Decrease during the year	Closing balance of the year
Capital premium	8,753,398	402,936	(36,515)	9,119,819
Others	1,567,853	1,002,312	(429,449)	2,140,716
Total	10,321,251	1,405,248	(465,964)	11,260,535

Note: For the six months ended June 30, 2022, the change of share premium is mainly due to the influence of the change of shareholding ratio of subsidiaries (Increase in share premium in 2021 was mainly due to the third batch of second-phase restricted stocks unlocked on 27 December, 2021, and the impact on changes in the shareholding ratio of subsidiaries.) (as described in Note XI). The changes in other capital reserve were mainly due to the share option expenses recognised, and changes in the equity of the investee accounted for under the equity method other than the changes recorded in comprehensive income and profit distribution.

48. Other comprehensive income

Accumulated balance of other comprehensive income attributable to owners of the parent in the consolidated balance sheet:

For the six months ended 30 June 2022

	1 January 2022	Increase/decrease	30 June 2022
Remeasurement gains or losses of a defined benefit plan	(242,214)	(20)	(242,234)
Change in the fair value of other equity investments	(1,122,227)	(217,050)	(1,339,277)
Other comprehensive income of the investee accounted for under the equity method which will be reclassified to profit or loss subsequently	(925,600)	(109,178)	(1,034,778)
Change in the fair value of other debt investments	(19,426)	(41,620)	(61,046)
Exchange differences on translation of foreign currency financial statements	1,696,215	(3,317,802)	(1,621,587)
Total	(613,252)	(3,685,670)	(4,298,922)

2021

	1 January 2021	Increase/decrease	31 December 2021
Remeasurement gains or losses of a defined benefit plan	(243,903)	1,689	(242,214)
Change in the fair value of other equity investments	(828,927)	(293,300)	(1,122,227)
Other comprehensive income of the investee accounted for under the equity method which will be reclassified to profit or loss subsequently	(892,534)	(33,066)	(925,600)
Change in the fair value of other debt investments	(16,246)	(3,180)	(19,426)
Exchange differences on translation of foreign currency financial statements	802,209	894,006	1,696,215
Total	(1,179,401)	566,149	(613,252)

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

48. Other comprehensive income (continued)

Amount of other comprehensive income:

For the six months ended 30 June 2022

	Before tax	Less: Reclassification of other comprehensive income to profit or loss	Less: Income tax	Attributable to owners of the parent	Attributable to non-controlling interests
Other comprehensive income that will not be reclassified to profit or loss					
Remeasurement gains or losses of a defined benefit plan	(20)	-	-	(20)	-
Change in the fair value of other equity investments	(246,143)	35,078	(64,171)	(217,050)	-
Other comprehensive income that may be reclassified to profit or loss					
Other comprehensive income of the investee accounted for under the equity method which will be reclassified to profit or loss	(316,926)	-	-	(109,178)	(207,748)
Change in the fair value of other debt investments	(69,682)	-	-	(41,620)	(28,062)
Exchange differences on translation of foreign currency financial statements	(2,354,303)	-	-	(3,317,802)	963,499
Total	(2,987,074)	35,078	(64,171)	(3,685,670)	727,689

2021

	Before tax	Less: Reclassification of other comprehensive income to profit or loss	Less: Income tax	Attributable to owners of the parent	Attributable to non-controlling interests
Other comprehensive income that will not be reclassified to profit or loss					
Remeasurement gains or losses of a defined benefit plan	1,500	-	-	1,689	(189)
Change in the fair value of other equity investments	(609,635)	(174,201)	(139,806)	(293,300)	(2,328)
Other comprehensive income that may be reclassified to profit or loss					
Other comprehensive income of the investee accounted for under the equity method which will be reclassified to profit or loss	325,437	-	-	(33,066)	358,503
Change in the fair value of other debt investments	(5,912)	-	-	(3,180)	(2,732)
Exchange differences on translation of foreign currency financial statements	342,734	-	-	894,006	(551,272)
Total	54,124	(174,201)	(139,806)	566,149	(198,018)

49. Special reserve

For the six months ended 30 June 2022

	Opening balance of the period	Increase during the period	Decrease during the period	Closing balance of the period
Safety production funds	123,239	16,185,477	(16,181,628)	127,088

2021

	Opening balance of the year	Increase during the year	Decrease during the year	Closing balance of the year
Safety production funds	136,273	31,636,921	(31,649,955)	123,239

V. Notes to the consolidated financial statements (continued)

50. Surplus reserve

For the six months ended 30 June 2022

	Opening balance of the period	Increase during the period	Closing balance of the period
Statutory surplus reserve	12,843,667	–	12,843,667

2021

	Opening balance of the year	Increase during the year	Closing balance of the year
Statutory surplus reserve	10,101,632	2,742,035	12,843,667

According to the provisions of the Company Law and the Company's Articles of Association, the Company appropriates 10% of the net profit to the statutory surplus reserve. Where the accumulated amount of the surplus reserve reaches 50% or more of the Company's registered capital, further appropriation is not required.

When approved, the statutory surplus reserve can be used to make up for accumulated losses or converted to the paid-in capital.

51. Retained earnings

	For the six months ended 30 June 2022	2021
Retained earnings at the beginning of the year before adjustment	270,081,501	231,953,228
Adjustments 1 (Note 1)	–	(14,382)
Adjustments 2 (Note 2)	–	(672,735)
Retained earnings at the beginning of the period/year after adjustment	270,081,501	231,266,111
Net profit attributable to owners of the parent	28,503,338	51,407,661
Other comprehensive income included in the previous period/year	35,078	(174,201)
Others	2,308	2,351
Less: Appropriation for statutory surplus reserve (Note V. 50)	–	2,742,035
Ordinary share dividends payable (Note 3)	10,485,215	9,006,272
Dividends payable to other equity holders (Note 4)	317,300	314,300
Appropriation to general reserve (Note 5)	29,803	357,814
Retained earnings at the end of period/year	287,789,907	270,081,501

Note 1: On November 30, 2021, China Construction Seventh Engineering Bureau Co., Ltd., a subsidiary of the group, completed the business combination under the common control of China Construction Aluminum New Material Henan Co., Ltd. (hereinafter referred to as "New Material Henan"). Meanwhile, CSCEC Strait Construction Development Co., Ltd., a subsidiary of the group, completed the business combination under the common control of China Construction Aluminum New Material Fujian Co., Ltd. (hereinafter referred to as "New Material Fujian"). New Material Henan and New Material Fujian are considered to have existed since the controlling shareholder began to take control, and their retained earnings retroactively reduced the group retained earnings at the beginning of the year by RMB14,382 thousand.

Note 2: In 2021, due to the change of accounting policy, the retained earnings at the beginning of the year was reduced by RMB672,735 thousand.

Note 3: According to the resolution at the General Meeting of Shareholders dated 13 May 2022, the Company proposed a cash dividend of RMB0.25 (before tax) per share to the shareholders on 30 June 2022, multiplied by the number which resulted in the total amount of RMB10.485 billion (2021: RMB9.006 billion) of shares of 41.941 billion before the implementation of the profit distribution plan.

Note 4: As stated in Note V. 46, according to the resolution of the General Meeting of Shareholders on 13 May, 2022, the Company's payment of 2021 cash dividends to ordinary shareholders was one of the mandatory interest payment events stipulated in the perpetual bond clauses of the 2022 three-phase medium-term notes (total RMB1,000,000 thousand), which required the Company to pay the dividends on the most recent perpetual bond interest date (the first phase of the 2020 mid-term notes is 3 April 2023, the second phase of medium-term notes is 13 April 2023, and the third phase of 2020 mid-term notes is 20 April 2023). Therefore, the Company accrued a total dividend of RMB317,300 thousand on perpetual bonds during the six months ended 30 June 2022 (2021: RMB314,300 thousand).

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

51. Retained earnings (continued)

Note 5: Appropriation to general reserve

China State Construction Finance Co., Ltd., a subsidiary of the company:

In accordance with the requirements of the Administrative Measures for the Provision of Reserves of Financial Enterprises (Cai Jin [2012] No. 20), financial institutions (including financial companies) should provide general risk reserve for assets bearing risks and losses at the balance sheet date. The general reserve shall be appropriated from net profit as profit distribution with an appropriation ratio not lower than 1.5% of risk assets at the end of year. If it's difficult for financial institutions to appropriate 1.5% general reserve at one time, it can also be made in years but principally not more than 5 years. The general risk reserve of China State Construction Finance Co., Ltd. during the year ended 2021 was RMB390,464 thousand, of which the amount attributable to shareholders of the parent company was RMB312,371 thousand. It was fully withdrawn on 31 December 2021. Due to the full withdrawn, no general reserve was made by China State Construction Finance Co., Ltd. during the six months ended June 30, 2022.

China State Construction Commercial Factoring Co., Ltd., a subsidiary of the company:

According to the "Notice of the General Office of the China Banking and Insurance Regulatory Commission on Strengthening the Supervision and Management of Commercial Factoring Enterprises" issued by the General Office of the China Banking and Insurance Regulatory Commission (issued by the Office of the China Banking and Insurance Regulatory Commission [2019] No. 205), China State Construction Commercial Factoring Co., Ltd. accrues the risk reserve. The general risk reserve is when the financing factoring funds are overdue, bad or in the event of unforeseen risks, in order to maintain the funds for the normal operation of the enterprise, the risk reserve should not be less than 1% of the balance at the end of the financial factoring business. The general risk reserve of China State Construction Commercial Factoring Co., Ltd. during the six months ended 30 June 2022 was RMB29,803 thousand (2021: RMB45,443 thousand). It was fully withdrawn on 30 June 2022.

52. Revenue and cost of sales

	For the six months ended 30 June 2022		For the six months ended 30 June 2021	
	revenue	cost	revenue (restated)	cost (restated)
Revenue from main operations	1,058,540,303	950,880,620	935,529,098	837,185,746
Revenue from other operations	2,230,784	1,650,911	1,232,868	1,018,397
Total	1,060,771,087	952,531,531	936,761,966	838,204,143

Revenue is as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Revenue from contracts with customers	1,057,606,215	933,623,288
Rentals	3,164,872	3,138,678
Total	1,060,771,087	936,761,966

For breakdown of operating income by main operating regions and main product types, please refer to Note XIV. 1.

Revenue is as follows:

For the six months ended 30 June 2022

	Building construction engineering	Infrastructure construction and investment	Real estate development and investment	Prospecting and design	Others	Total
Revenue from main operations	667,534,540	220,915,702	151,176,638	4,458,261	14,455,162	1,058,540,303
Revenue recognised at a point of time	-	-	138,298,602	-	8,604,221	146,902,823
Revenue recognised over time	667,534,540	220,915,702	10,371,497	4,458,261	5,349,632	908,629,632
Rentals	-	-	2,506,539	-	501,309	3,007,848
Revenue from other operations	-	-	-	-	2,230,784	2,230,784
Including: Rentals	-	-	-	-	157,024	157,024
Total	667,534,540	220,915,702	151,176,638	4,458,261	16,685,946	1,060,771,087

V. Notes to the consolidated financial statements (continued)

52. Revenue and cost of sales (continued)

Revenue is as follows: (continued)

For the six months ended 30 June 2021 (restated)

	Building construction engineering	Infrastructure construction and investment	Real estate development and investment	Prospecting and design	Others	Total
Revenue from main operations	584,855,410	191,898,714	145,745,351	4,501,840	8,527,783	935,529,098
Revenue recognised at a point of time	–	–	127,240,813	–	4,481,386	131,722,199
Revenue recognised over time	584,855,410	191,898,714	16,204,170	4,501,840	3,594,840	801,054,974
Rentals	–	–	2,300,368	–	451,557	2,751,925
Revenue from other operations	–	–	–	–	1,232,868	1,232,868
Including: Rentals	–	–	–	–	386,753	386,753
Total	584,855,410	191,898,714	145,745,351	4,501,840	9,760,651	936,761,966

As of 30 June 2022, part of the Group's project contracting business is still in the process of operation, and the remaining performance obligations is related to the progress of the corresponding contract, and will be recognised as revenue according to the progress of performance in the future performance period.

The revenue recognised in the current year included in the carrying amount of contract liabilities at the beginning of the year is as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Advances for sale of properties	80,194,603	66,631,398
Amount due to customers for contract work	54,279,317	44,384,987
Advances for projects	146,563,913	131,212,936
Others	3,660,171	3,557,831
Total	284,698,004	245,787,152

53. Taxes and surcharges

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Land appreciation tax	2,972,998	4,058,388
Urban maintenance and construction tax	843,905	893,871
Educational surcharge	383,420	446,767
Turnover tax	16,863	4,820
Others	1,617,900	1,363,420
Total	5,835,086	6,767,266

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

54. Selling and distribution expenses

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Advertising and communication fees	978,022	1,066,582
Operating expenses	959,496	1,109,878
Employee benefits	753,332	709,374
Others	283,679	216,074
Total	2,974,529	3,101,908

55. General and administrative expenses

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Employee benefits	11,724,843	11,726,919
Office and travelling expenses	713,154	959,438
Lease expenses	934,884	964,311
Depreciation and amortisation	1,056,247	956,669
Service fees of specialist agency	280,376	352,169
Others	1,758,978	1,511,702
Total	16,468,482	16,471,208

56. Research and development expenses

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Materials, fuels and power of consumption	13,437,474	8,309,489
Employee benefits	4,208,124	3,511,707
Maintenance and Lease expenses	700,612	568,716
Research service fee	259,496	477,886
Design and testing costs	66,191	133,153
Others	593,383	856,973
Total	19,265,280	13,857,924

57. Finance expenses

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Interest expenses	13,708,900	11,648,299
Less: Interest income	(1,787,133)	(1,680,924)
Less: Capitalised amount of interest	(5,765,117)	(5,072,089)
Commission charges	1,215,706	1,084,379
Exchange Gains	1,625,392	(909,056)
Discounted long-term receivables/payables and others	63,321	23,605
Total	9,061,069	5,094,214

The Group capitalizes the borrowing costs incurred for the acquisition, construction or production of assets that meet the capitalization conditions. The capitalized amount of borrowing costs for the six months ended 30 June 2022 was RMB5,765,117 thousand (for the six months ended 30 June 2021: RMB5,072,089 thousand), which is included inventory, construction in progress, and intangible assets.

V. Notes to the consolidated financial statements (continued)

58. Other income and gains

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)	Related to income/assets
Government rewards	108,618	60,773	related to income
Research Subsidies	14,560	12,859	related to income and assets
Additional deduction for value-added tax	22,655	22,769	related to income
Refund of Surcharge on individual income tax	57,203	36,648	related to income
Tax return	194,468	29,461	related to income
Government appropriation	10,859	5,941	related to income
Others	215,711	67,297	related to income and assets
Total	624,074	235,748	

59. Investment income

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Long-term equity investment income under the equity method	2,348,154	1,756,537
Investment loss from disposal of financial assets measured at amortized cost	(1,077,422)	(683,493)
Investment income from disposal of long-term equity investments	220,839	15,033
Investment income from disposal of financial assets at fair value through profit or loss	18,516	–
Investment income from financial assets held for trading	8,665	7,223
Investment income obtained during the holding period of debt investment	644,368	419,609
Dividend income from other equity instruments	81,354	139,417
Investment income from other debt investments	13,190	1,835
Investment income from transactions through a step-by-step business combination	1,251,160	–
Others	100,882	130,880
Total	3,609,706	1,787,041

60. Losses from changes in fair value

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Financial assets held for trading		
Investment in debt instrument held for trading	1,080	7,712
Investment in equity instrument held for trading	(10,604)	2,203
Financial liabilities held for trading		
Others	(17,668)	(152,533)
Total	(27,192)	(142,618)

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

61. Credit impairment losses

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Loss from Impairment of accounts receivable	(5,631,105)	(2,831,745)
Loss from Impairment of notes receivable	(105,048)	–
Loss from Impairment of other receivable	(542,603)	(619,503)
Loss from Impairment of other current assets	(701,912)	(113,454)
Loss from Impairment of debt investment	(695)	(1,331)
(Loss)/reversal from Impairment of long-term receivables	(19,105)	140,899
Others	(28,192)	(41,945)
Total	(7,028,660)	(3,467,079)

62. Asset impairment losses

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
(Loss)/reversal from Impairment of inventories	(333,098)	98,118
Loss from impairment of contract assets	(768,632)	(12,980)
Loss from Impairment of other non-current assets	(502,217)	(291,660)
(Loss)/reversal from Impairment of other assets	(2,417)	2,257
Total	(1,606,364)	(204,265)

63. Non-operating income

	For the six months ended 30 June 2022	For the six months ended 30 June 2021	Non-recurring profit or loss for the six months ended 30 June 2022
Government grants not related to the ordinary course of business	85,385	61,000	85,385
Accounts payable exemption	74,844	53,321	74,844
Liquidated damages	83,633	46,204	83,633
Gains on penalties and fines	48,800	36,049	48,800
Gains from damage and retirement of non-current assets	24,964	14,237	24,964
Gain on bargain purchase	1,236,618	–	1,236,618
Others	273,706	340,519	273,706
Total	1,827,950	551,330	1,827,950

V. Notes to the consolidated financial statements (continued)

63. Non-operating income (continued)

Details of government grants:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021	Related to income/ assets
Compensation for demolition (China Construction West Construction Guizhou Co., LTD.)	13,834	–	Related to income
Steady growth in the construction industry awards (China State Construction Technology Group Co., Ltd.)	10,000	10,000	Related to income
Steady growth in the construction industry awards (China Construction Second Bureau Second Construction Engineering Co., Ltd.)	–	10,000	Related to income
Steady growth in the construction industry awards (China Construction Fourth Bureau Fifth Construction Engineering Co., Ltd.)	8,000	8,353	Related to income
Steady growth in the construction industry awards (China Construction Third Engineering Bureau Group (Shenzhen) Co. LTD.)	10,000	–	Related to income
Awards of Vigorously cultivate high-quality construction industry (China Construction Sixth Bureau South China Construction Co., Ltd.)	6,596	–	Related to income
Others	36,955	32,647	Related to income and assets
Total	85,385	61,000	

64. Non-operating expenses

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)	Non-recurring profit or loss for the six months ended 30 June 2022
Litigation Estimated Liabilities	(16,092)	162,233	(16,092)
Forfeiture loss	122,463	32,133	122,463
Late fees	5,957	25,108	5,957
Loss on damage and retirement of non-current assets	6,268	13,259	6,268
Liquidated damages	10,762	15,301	10,762
Donations	53,706	6,304	53,706
Others	21,927	187,177	21,927
Total	204,991	441,515	204,991

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

65. Expenses by nature

The supplemental information for the total amount of cost of sales, selling and distribution expenses, general and administrative expenses, and research and development expenses which categorised by nature is as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Subcontracting cost	352,714,429	298,964,378
Labor expenditure	155,755,641	142,994,804
Consumed raw materials	230,561,752	185,269,632
Changes in inventories of finished goods and work in progress	111,192,955	102,327,296
Other construction cost	64,509,791	66,126,050
Employee benefits	49,872,389	49,338,032
Cost of sales from other products	16,849,279	13,591,590
Depreciation and amortization expenses	5,875,780	5,540,190
Others	3,907,806	7,483,211
Total	991,239,822	871,635,183

66. Income tax expenses

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Current tax	12,449,470	12,806,688
Deferred tax	(1,601,459)	(1,162,056)
Total	10,848,011	11,644,632

The reconciliation between income tax expenses and profit before income taxes is as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Profit before income tax	52,020,085	51,720,771
Tax at the applicable (25%) tax rate	13,005,021	12,930,193
Effect of preferential tax rates for certain subsidiaries	(2,002,310)	(1,667,051)
Income not subjected to tax	(1,411,252)	(885,195)
Weighted deduction of expenditure on research	(581,028)	(656,653)
Expenses not deductible for tax	1,598,158	817,472
Unrecognised deductible tax losses	943,434	903,486
Tax losses utilised from prior periods	(203,253)	(193,737)
Utilization of deductible losses for which no deferred tax assets was recognised in prior periods	(85,190)	(5,468)
Taxable temporary differences for which no deferred tax assets was recognised in current periods	239,207	341,953
Deductible temporary differences resulting from rehearsal or recognition of previously unrecognised deferred tax assets in current periods	(289,022)	(148,968)
Adjustments of tax expenses for prior periods	(365,754)	208,600
Tax expenses at the Group's effective tax rate	10,848,011	11,644,632

V. Notes to the consolidated financial statements (continued)

67. Earnings per share

	For the six months ended 30 June 2022 RMB/share	For the six months ended 30 June 2021 RMB/share (restated)
Basic earnings per share		
Continuing operations	0.68	0.62
Diluted earnings per share		
Continuing operations	0.68	0.62

The basic earnings per share is calculated based on the net profit for the year attributable to ordinary shareholders of the Company and the weighted average number of outstanding ordinary shares during the year.

The numerator of the diluted earnings per share is determined based on the current net profit attributable to ordinary shareholders of the Company after adjusting the following factors: (1) the interest of the diluted potential ordinary shares that have been recognised as expenses in the current period; (2) the income or expenses of dilution potential ordinary that will be generated when the shares are converted; and (3) the income tax impact related to the above adjustments.

The denominator of the diluted earnings per share is equal to the sum of the following two items: (1) the weighted average number of issued ordinary shares of the parent company in the basic earnings per share; and (2) the increase of the weighted average number of ordinary shares, assuming the conversion of dilutive potential ordinary shares into ordinary shares.

When calculating the weighted average of the number of ordinary shares increased by the conversion of diluted potential ordinary shares into issued ordinary shares, the diluted potential ordinary shares issued in the previous period are assumed to be converted at the beginning of the current period; the current diluted potential ordinary shares issued, assuming the conversion on the issue date.

The calculation of basic earnings per share is as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Revenue		
Net profit attributable to ordinary shareholders of the Company	28,503,338	25,637,270
Less: The effect of other equity instruments dividends (Note 1)	(317,300)	(314,300)
The effect of restricted shares (Note 2)	(272,091)	(277,477)
	27,913,947	25,045,493
Shares		
Weighted average number of ordinary shares outstanding (in units of 1000 shares) (Note 3)	40,812,326	40,583,254
Basic earnings per share (RMB/share)	0.68	0.62

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

67. Earnings per share (continued)

Note 1: In accordance with the relevant clauses and regulations of preference shares and perpetual bonds as stated in Note V. 46, in calculating the basic earnings per share, the dividends of other equity instruments included in the net profit attributable to shareholders of the parent company is deducted. For the six months ended 30 June 2022, The above was RMB317 million in total. (For the six months ended 30 June 2021: RMB314 million).

Note 2: As stated in Note XI, the granting of the third batch of restricted shares to the third batch incentive targets in accordance with the third batch incentive plan on 26 December 2018. On December 23, 2020, the grant of restricted stocks for the fourth phase of incentive objects will be completed in accordance with the fourth batch incentive plan. In accordance with the relevant stipulations in Explanation of Accounting Standards for Business Enterprises No.7 issued by the Ministry of Finance in 2015, the Company deducted net profits attributable to restricted shares, which are expected to be unlocked in the future from net profits attributable to shareholders of the Company in calculating the basic earnings per share. The net profits attributable to restricted shares which are expected to be unlocked in the future was about RMB270 million and RMB280 million for the six months ended 30 June 2022 and for the six months ended 30 June 2021 respectively.

Note 3: As stated in Note XI, in accordance with the regulations of the third batch incentive plans and the fourth batch incentive plan, whether the unlocked shares granted could be listed and circulated depended on whether the restricted shares met the unlocking conditions at the unlocking date. Therefore, the impacted amount of the restricted shares not yet meeting the unlocking conditions and those invalid restricted shares were deducted from weighted average number of outstanding ordinary shares in calculating the basic earnings per share.

The calculation of diluted earnings per share is as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Consolidated net profit attributable to ordinary shareholders of the Company used for calculating diluted earnings per share	27,780,459	25,045,493
Weighted average number of ordinary shares outstanding used for calculating diluted earnings per share (in units of 1000 shares)	40,812,326	40,583,254
Diluted earnings per share (RMB/share)	0.68	0.62

For the six months ended 30 June 2022, the restricted shares outstanding and the share options issued by the Company's subsidiary China Overseas Holdings Limited have no dilutive effects in calculating the earnings per share. However, the convertible bond issued by the Company's subsidiary China Overseas Holdings Limited has dilutive effects on consolidated net profit attributable to ordinary shareholders of the Company.

V. Notes to the consolidated financial statements (continued)

68. Notes to the consolidated cash flow statement

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Cash received relating to other operating activities		
Deposits and warrant received and returned by third party	8,466,218	6,886,868
Deposits absorbed by China State Construction Finance Co. Ltd	5,067,905	5,283,987
Receivables, Taxes withheld and construction reward	9,231,673	3,756,215
Other receivables received and returned	9,494,694	2,147,615
Restricted cash	—	1,901,430
Interest income	740,713	812,645
Others	1,089,140	439,216
Total	34,090,343	21,227,976
Cash paid relating to other operating activities		
Deposits and warrant paid and refunded to third party	9,722,088	25,334,067
Other payables paid to third party	20,298,813	12,698,564
Increase in restricted funds	1,985,989	—
Others	4,693,702	4,507,923
Total	36,700,592	42,540,554
Cash received relating to other investing activities		
Repayment of loans from related parties	6,474,964	5,311,119
Repayment of fixed deposits which would mature after three months	6,891,184	4,447,177
Repayment of loans from co-operative corporation and projects	2,240,122	2,041,950
Others	874,033	870,982
Total	16,480,303	12,671,228
Cash payment relating to other investing activities		
Loan to related parties	5,496,097	5,507,585
Payment to co-operative corporation and projects	3,796,610	1,454,861
Payment of fixed deposits which would mature after three months	1,311	990,703
Total	9,294,018	7,953,149
Cash received relating to other financing activities		
Received from financing	19,833,462	11,555,070
Total	19,833,462	11,555,070
Cash payments relating to other financing activities		
Repayment of loans	15,908,383	19,406,383
Rental payment	1,031,770	824,585
Total	16,940,153	20,230,968

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

69. Supplementary information to the consolidated cash flow statement

(1) Supplementary information to the consolidated cash flow statement

Reconciliation from net profit to cash flows from operating activities:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Net profit	41,172,074	40,076,139
Add: Impairment allowance	1,606,364	204,265
Credit impairment losses	7,028,660	3,467,079
Depreciation of fixed assets	3,192,395	2,876,287
Depreciation of use-right assets	860,812	1,051,401
Depreciation of investment properties	1,385,373	1,210,460
Amortisation of intangible assets	258,922	237,247
Amortisation of long-term prepaid expenses	178,278	164,795
Profit from disposal of fixed assets, intangible assets and other long-term assets	(209,148)	(137,804)
Finance expenses	8,596,860	4,822,494
Losses from changes in fair value	27,192	142,618
Investment income	(3,609,706)	(1,787,041)
Increase in deferred tax assets	(1,973,766)	(1,743,218)
Increase in deferred tax liabilities	372,307	581,237
Increase in inventories	(41,477,218)	(22,912,243)
(Increase)/decrease of restricted cash	(1,985,989)	1,901,430
Increase in operating receivables	(115,612,880)	(102,691,882)
Increase in operating payables	32,550,219	22,876,445
Others	(1,232,769)	(85,138)
Net cash flows used in operating activities	(68,872,020)	(49,745,429)

Changes in cash and cash equivalents:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Closing balance of cash	323,017,807	271,326,749
Less: Opening balance of cash	301,558,029	267,864,268
Net increase in cash and cash equivalents	21,459,778	3,462,481

V. Notes to the consolidated financial statements (continued)

69. Supplementary information to the consolidated cash flow statement (continued)

(2) Cash and cash equivalents

	30 June 2022	31 December 2021
Cash		
Including: Cash on hand	105,265	79,733
Cash at bank that can be readily drawn on demand	322,638,548	300,869,116
Other cash that can be readily drawn on demand	273,994	609,180
Cash and cash equivalents at the end of the period/year	323,017,807	301,558,029

70. Assets with restricted ownership

	30 June 2022	31 December 2021
Cash and bank balances	19,230,196	17,244,207 Note 1
Notes receivable	105,178	14,210 Note 2
Accounts receivable	16,576,138	3,447,139 Note 2
Inventories	23,189,871	20,644,043 Note 2
Contract assets	72,699,416	44,033,881 Note 2
Investment properties	24,919,679	22,816,049 Note 2
Fixed assets	399,224	376,335 Note 2
Construction in progress	483,930	154,397 Note 2
Intangible assets	9,290,432	7,790,450 Note 2
Long-term receivables	42,954,706	69,767,268 Note 2
Total	209,848,770	186,287,979

Note 1: Cash and bank balances with restricted ownership or use rights mainly include central bank reserves, bank acceptance bill deposits, guarantee deposits, real estate pre-sale supervision funds, mortgage deposits and Wage earned money for migrant workers etc.. As of 30 June 2022, the balance of restricted cash and bank balances was RMB19,230,196 thousand (31 December 2021: RMB17,244,207 thousand).

Note 2: At 30 June 2022 and 31 December 2021, the Group pledged or mortgaged notes receivable, accounts receivable, inventories, contract assets (including non-current part), investment properties, fixed assets, construction in progress, intangible assets and long-term receivables (including part due within one year) to banks for borrowings.

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

71. The foreign currency monetary items

	30 June 2022			31 December 2021		
	Amount in foreign currency	Exchange rate	Amount in RMB	Amount in foreign currency	Exchange rate	Amount in RMB
Cash and Bank balance						
HKD	17,912,040	0.8552	15,318,377	13,850,756	0.8176	11,324,378
USD	1,433,742	6.7114	9,622,416	1,746,202	6.3757	11,133,260
SGD	508,342	4.8170	2,448,683	439,739	4.7179	2,074,645
DZD	33,358,520	0.0457	1,524,484	36,648,301	0.0457	1,674,827
MOP	2,845,914	0.8289	2,358,978	1,823,866	0.7913	1,443,225
EUR	140,954	7.0084	987,862	170,400	7.2197	1,230,237
GBP	40,576	8.1365	330,147	30,166	8.6064	259,621
Others	N/A	N/A	4,442,903	N/A	N/A	9,435,174
Total			37,033,850			38,575,367
Accounts receivable						
USD	755,082	6.7114	5,067,657	720,599	6.3757	4,594,323
HKD	1,195,214	0.8552	1,022,147	3,468,104	0.8176	2,835,522
MOP	1,125,429	0.8289	932,868	2,246,852	0.7913	1,777,934
AED	662,855	1.8274	1,211,301	524,749	1.7361	911,017
XAF	85,885,843	0.0107	918,979	66,483,656	0.0110	731,320
DZD	7,741,081	0.0457	353,767	9,871,289	0.0457	451,118
SGD	138,380	4.8170	666,576	85,282	4.7179	402,352
Others	N/A	N/A	2,001,512	N/A	N/A	1,705,151
Total			12,174,807			13,408,737
Other receivables						
USD	269,603	6.7114	1,809,414	337,090	6.3757	2,149,185
AED	1,041,689	1.8274	1,903,582	664,797	1.7361	1,154,154
HKD	440,130	0.8552	376,399	449,018	0.8176	367,117
XAF	10,845,999	0.0107	116,052	8,843,779	0.011	97,282
Others	N/A	N/A	1,023,754	N/A	N/A	870,605
Total			5,229,201			4,638,343
Current portion of non-current assets						
USD	100	6.7114	671	5	6.3757	32
Others	N/A	N/A	1,201	N/A	N/A	1,122
Total			1,872			1,154
Debt investments						
HKD	10,506,595	0.8552	8,985,240	10,874,686	0.8176	8,891,143
EUR	2,634	7.0084	18,460	2,634	7.2197	19,017
Total			9,003,700			8,910,160

V. Notes to the consolidated financial statements (continued)

71. The foreign currency monetary items (continued)

	30 June 2022			31 December 2021		
	Amount in foreign currency	Exchange rate	Amount in RMB	Amount in foreign currency	Exchange rate	Amount in RMB
Long-term receivables						
HKD	354,918	0.8552	303,526	481,637	0.8176	393,786
USD	–	6.7114	–	14,901	6.3757	95,004
Others	N/A	N/A	803	N/A	N/A	1,905
Total			304,329			490,695
Short-term borrowings						
USD	448,814	6.7114	3,012,170	447,916	6.3757	2,855,778
Others	N/A	N/A	2,331,071	N/A	N/A	1,226,546
Total			5,343,241			4,082,324
Accounts payable						
HKD	7,950,198	0.8552	6,799,009	6,586,379	0.8176	5,385,023
USD	529,266	6.7114	3,552,116	581,849	6.3757	3,709,695
AED	2,203,930	1.8274	4,027,462	1,528,236	1.7361	2,653,171
SGD	530,808	4.8170	2,556,902	442,090	4.7179	2,085,736
DZD	42,187,794	0.0457	1,927,982	45,579,136	0.0457	2,082,967
MOP	2,084,046	0.8289	1,727,466	1,974,260	0.7913	1,562,232
PKR	1,407,348	0.0327	46,020	1,211,455	0.0361	43,734
Others	N/A	N/A	3,421,843	N/A	N/A	5,160,719
Total			24,058,800			22,683,277
Other payables						
USD	669,877	6.7114	4,495,812	341,370	6.3757	2,176,473
AED	62,389	1.8274	114,010	415,999	1.7361	722,216
AUD	67,962	4.6220	314,120	65,028	4.6220	300,559
HKD	1,116,977	0.8552	955,239	229,488	0.8176	187,629
CFA	7,176,575	0.0107	76,789	6,709,947	0.0110	73,809
PKR	310,531	0.0327	10,154	1,376,596	0.0361	49,695
Others	N/A	N/A	1,620,128	N/A	N/A	1,024,773
Total			7,586,252			4,535,154
Current portion of non-current liabilities						
HKD	1,622,519	0.8552	1,387,578	1,293,597	0.8176	1,057,645
USD	339	6.7114	2,275	312	6.3757	1,989
Others	N/A	N/A	139,841	N/A	N/A	379,612
Total			1,529,694			1,439,246

Unit: RMB'000

V. Notes to the consolidated financial statements (continued)

71. The foreign currency monetary items (continued)

	30 June 2022			31 December 2021		
	Amount in foreign currency	Exchange rate	Amount in RMB	Amount in foreign currency	Exchange rate	Amount in RMB
Long-term borrowings						
HKD	99,517,195	0.8552	85,107,105	95,587,695	0.8176	78,152,499
USD	215,000	6.7114	1,442,951	756,548	6.3757	4,823,523
GBP	200,000	8.1365	1,627,300	200,000	8.6064	1,721,280
SGD	–	4.8170	–	142,100	4.7179	670,414
Others	N/A	N/A	393,530	N/A	N/A	1,826,105
Total			88,570,886			87,193,821
Bonds payable						
USD	9,276,748	6.7114	62,259,967	8,251,933	6.3757	52,611,849
HKD	–	0.8552	–	2,080,319	0.8176	1,700,869
Total			62,259,967			54,312,718
Long-term payables						
AED	30,563	1.8274	55,851	612,993	1.7361	1,064,217
HKD	1,364,856	0.8552	1,167,225	1,258,233	0.8176	1,028,731
MOP	914,124	0.8289	757,717	614,989	0.7913	486,641
SGD	23,058	4.8170	111,070	69,599	4.7179	328,361
Others	N/A	N/A	456,255	N/A	N/A	248,247
Total			2,548,118			3,156,197
Other non-current liabilities						
USD	–	6.7114	–	708,664	6.3757	4,518,229
Others	N/A	N/A	50,942	N/A	N/A	585,174
Total			50,942			5,103,403

VI. Changes of consolidation scope

1. Business combination not under common control

The entities which were not significant to the Group were included in the consolidation scope through business combination not under common control for the six months ended 30 June 2022.

2. Business combination under common control

There was no entity newly included in the consolidation scope through business combination under common control for the six months ended 30 June 2022.

3. Disposal of subsidiaries

The entities which were excluded from the consolidated scope due to disposal of subsidiaries for the six months ended 30 June 2022 were not significant to the Group.

VII. Interests in other entities

1. Interests in subsidiaries

Significant subsidiaries obtained through incorporation:

	Main operation Location	Place of registration	Nature of business	Registered capital	Shareholding Percentage (%)	
					Direct	Indirect
The significant subsidiaries acquired through establishing or investment						
China Overseas Holdings Limited	Hong Kong	Hong Kong	Investment	RMB31.03 billion	100.00	–
China Overseas Land & Investment Limited	Hong Kong	Hong Kong	Real Estate Investment and Development	HKD1.095 billion	–	56.09
China State Construction International	Hong Kong	Cayman Islands	Construction and Installation	HKD1.5 billion	–	64.81
China Overseas Property Holdings Ltd.	Hong Kong	Cayman Islands	Property Management	HKD0.03 billion	–	61.18
China Construction First Group Corporation Limited	Beijing	Beijing	Construction and Installation	RMB10 billion	100.00	–
China Construction Second Engineering Bureau Ltd.	Beijing	Beijing	Construction and Installation	RMB10 billion	100.00	–
China Construction Third Engineering Bureau Co., Ltd.	Wuhan, Hubei	Wuhan, Hubei	Construction and Installation	RMB5.04 billion	100.00	–
China Construction Fourth Engineering Division Corp., Ltd.	Guangzhou, Guangdong	Guangzhou, Guangdong	Construction and Installation	RMB8 billion	100.00	–
China Construction Fifth Engineering Division Corp., Ltd.	Changsha, Hunan	Changsha, Hunan	Construction and Installation	RMB10 billion	100.00	–
China Construction Sixth Engineering Division Corp., Ltd.	Tianjin	Tianjin	Construction and Installation	RMB4.28 billion	100.00	–
China Construction Seventh Engineering Division, Corp., Ltd.	Zhengzhou, Henan	Zhengzhou, Henan	Construction and Installation	RMB6 billion	100.00	–
China Construction Eighth Engineering Division, Corp., Ltd.	Shanghai	Shanghai	Construction and Installation	RMB15.18 billion	100.00	–
China Architecture Southwest Design & Research Institute Co., Ltd.	Chengdu, Sichuan	Chengdu, Sichuan	Prospecting, design, etc.	RMB0.38 billion	100.00	–
China Construction Decoration Group Co., Ltd.	Beijing	Beijing	Industrial Decoration	RMB1 billion	50.00	50.00
China Construction Fangcheng Investment & Development Group Co., Ltd.	Beijing	Beijing	Infrastructure Construction	RMB5 billion	100.00	–
The significant subsidiaries acquired through a business combination not involving under common control						
China State Construction Development Holdings Limited (Note)	Hong Kong	Cayman Islands	Construction and Installation	HKD0.1 billion	–	45.87
China State Construction Harbour Construction Co., Ltd.	Shanghai	Shanghai	Infrastructure Construction	RMB1.33 billion	70.00	–
The significant subsidiaries acquired through a business combination involving entities under common control						
CSCEC Xinjiang Construction & Engineering (Group) Co., Ltd.	Wulumuqi, Xinjiang	Wulumuqi, Xinjiang	Construction and Installation	RMB3.50 billion	85.00	–
China West Construction Group Co., Ltd.	Chengdu, Sichuan	Wulumuqi, Xinjiang	Construction Materials	RMB1.26 billion	12.29	45.50
Shenzhen China Overseas Investing Management Co., Ltd.	Hong Kong	Shenzhen	Real Estate Development and Operation	RMB2.65 billion	100.00	–
China State Construction Finance Co., Ltd.	Beijing	Beijing	Finance	RMB12 billion	80.00	–

Note: The Group holds 45.87% of shares of Far East Global Group Ltd. The board of directors has the rights to determine the relevant activities of Far East Global Group Ltd. The Group holds 70.78% of voting rights of Far East Global Group Ltd. according to the proportion of the board of directors.

Unit: RMB'000

VII. Interests in other entities (continued)

1. Interests in subsidiaries (continued)

Significant subsidiaries involving non-controlling interest:

For the six months ended 30 June 2022

	Shareholding of Non-controlling Interest	Non-controlling Interest	Dividend attributable to the non-controlling shareholders	Non-controlling Interest
China Overseas Land & Investment Ltd.	43.91%	6,833,458	83,556	144,663,157
China State Construction International	35.19%	1,688,076	–	24,731,198
West Construction Co., Ltd.	42.21%	159,665	44,974	3,966,122
China State Construction Finance Co., Ltd.	20.00%	101,257	70,549	3,034,042

2021

	Shareholding of Non-controlling Interest	Non-controlling Interest	Dividend attributable to the non-controlling shareholders	Non-controlling Interest
China Overseas Land & Investment Ltd.	43.91%	15,377,344	7,104,596	137,957,690
China State Construction International	35.19%	3,333,804	571,069	22,891,500
West Construction Co., Ltd.	42.21%	356,573	43,743	3,864,031
China State Construction Finance Co., Ltd.	20.00%	165,158	51,401	2,603,107

The summarised financial information of the above subsidiaries which progress necessary adjustments in accordance with the company's accounting policies is set out below. The amounts disclosed are before inter-company eliminations:

For the six months ended 30 June 2022

	China Overseas Land & Investment Ltd.	China State Construction International	West Construction Co., Ltd.	China State Construction Finance Co., Ltd.
Current Assets	672,302,931	99,719,015	28,807,100	37,801,979
Non-current Assets	154,018,527	85,007,112	4,535,294	64,755,519
Total Assets	826,321,458	184,726,127	33,342,394	102,557,498
Current Liabilities	275,259,534	79,252,374	20,156,100	87,366,042
Non-current Liabilities	241,700,772	50,904,196	1,462,592	21,244
Total Liabilities	516,960,306	130,156,570	21,618,692	87,387,286
Revenue	107,699,889	45,906,040	11,834,986	1,576,756
Net Profit	14,819,423	3,834,869	458,040	506,284
Total Comprehensive Income	16,397,422	967,850	458,869	507,424
Cash flow from/(used in) operating activities	21,488,331	86,529	(1,904,137)	1,468,105

VII. Interests in other entities (continued)

1. Interests in subsidiaries (continued)

Significant subsidiaries involving non-controlling interest (continued):

The summarised financial information of the above subsidiaries which progress necessary adjustments in accordance with the company's accounting policies is set out below. The amounts disclosed are before inter-company eliminations (continued):

2021

	China Overseas Land & Investment Ltd.	China State Construction International	West Construction Co., Ltd.	China State Construction Finance Co., Ltd
Current Assets	650,738,501	89,672,924	25,737,654	31,805,914
Non-current Assets	145,495,211	84,834,856	4,282,066	75,580,342
Total Assets	796,233,712	174,507,780	30,019,720	107,386,256
Current Liabilities	291,712,440	72,265,836	17,254,341	92,345,397
Non-current Liabilities	204,848,409	50,527,516	1,306,980	2,025,326
Total Liabilities	496,560,849	122,793,352	18,561,321	94,370,723
Revenue	242,731,528	64,103,628	26,926,362	2,908,125
Net Profit	31,836,381	6,267,375	980,921	825,789
Total Comprehensive Income	32,656,812	8,354,971	978,284	857,139
Cash flow from/(used in) operating activities	22,573,932	(455,532)	403,807	(12,452,501)

Perpetual bonds of subsidiaries are as follows:

As of 30 June 2022, the balance of perpetual bonds and renewable loans issued by Company's subsidiaries (hereinafter collectively referred to as the "subsidiary perpetual bonds") amounted to RMB68,171,839 thousand (31 December 2021: RMB73,992,903 thousand). The perpetual bonds of these subsidiaries exist for a long time, and the subsidiaries of the Company can decide whether to redeem and repay them. Unless there is a compulsory interest payment event that can be determined and controlled to occur by the Company's subsidiary, on each interest payment date, the Company's subsidiaries can choose to postpone the current interest and all deferred interest to the next interest payment date and is not subject to any restrictions on the number of deferred interest payments. The Group accounted for these perpetual bonds as non-controlling shareholders' equity.

Debt-to-equity swaps of subsidiaries are as follows:

In December 2019, some of the Company's subsidiaries entered into capital increase agreements and shareholder agreements with a number of third-party investors. In accordance with the Capital Increase Agreement and the Shareholder Agreement (collectively referred to as the "Agreement"), third-party investors increase their capital in cash to the subsidiaries of such subsidiaries (hereinafter referred to as "the underlying company"), and upon completion of the capital increase, the shareholding of the Company's subsidiaries in the underlying company decreases, but there is no loss of control over the underlying company. The agreement stipulates that the profit distribution of the underlying company shall be determined by the shareholders' meeting, that the exit method of the third-party investor shall be agreed with the controlling shareholder of the target company, and that the controlling shareholder of the target company shall have the right to acquire or designate other parties to acquire the shares of the target company held by the third party investor after the expiration of a certain period ("investment period") from the date of payment of the investment price. In the event of a specific situation or the expiry of the investment period of the underlying company, a third-party investor may make a request to the subsidiary of the Company to acquire the shares of the underlying company held by the Company's subsidiaries, and if the subsidiary of the Company does not choose to acquire such shares, the annual expected dividend ratio will up to until the agreed upper limit of the dividend ratio. However, if the shareholders of the underlying company will not pay dividends it do not constitute a breach of contract; A third party investor can transfer all or part of its equity interest in the underlying company to any third part or increase the voting rights of third-party investors in the shareholders' meeting or board of directors of the underlying company in order to achieve the joint control of the underlying company with the Company's subsidiaries. The above-mentioned arrangement does not constitute a contractual obligation of the Company or its subsidiaries to deliver cash or other financial assets to other parties or to exchange financial assets or financial liabilities with other parties under potential adverse conditions, and the Company shall therefore account for such capital increases as the equity of the underlying company. The relevant provisions in the 2020 and 2021 Capital Increase Agreement and the Shareholders' Agreement are consistent with these provisions.

Unit: RMB'000

VII. Interests in other entities (continued)

1. Interests in subsidiaries (continued)

Debt-to-equity swaps of subsidiaries are as follows (continued):

As of June 30, 2022, the total amount of debt-to-equity swaps by third-party investors in the underlying company was RMB31,557,943 thousand (December 31, 2021: RMB31,962,831 thousand), and there was no new investment amount in the current period.

2. Interests in joint ventures and associates

	Main operation location	Place of registration	Nature of business	Registered capital	Percentage of Shares(%)		Accounting treatment
					Direct	Indirect	
Associates							
Overseas Oceans	Hong Kong	Hong Kong	Real Estate Investment and Development	5,579,100	-	38.32	Equity method

The summarised financial information in respect of Overseas Oceans adjusted for any differences in accounting policies and reconciled to the carrying amount in the financial statements is as follows:

	30 June 2022	31 December 2021
Current Assets	182,039,568	190,642,582
Including: Cash and cash equivalents	19,778,358	19,876,023
Non-current Assets	7,887,057	8,143,839
Total Assets	189,926,625	198,786,421
Current Liabilities	116,013,609	127,586,335
Non-current Liabilities	36,511,866	35,443,827
Total Liabilities	152,525,475	163,030,162
Non-controlling Interests	7,597,729	7,028,370
Attributable to shareholders of the Company	29,803,421	28,727,889
Net assets calculated by the percentage of shares holding	11,420,671	11,008,526
Book value of investment	11,420,671	11,008,526
The fair value of investment in associated companies that have publicly quoted prices	4,678,233	4,218,652

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Revenue	29,796,142	25,737,715
Income tax expenses	(1,834,869)	(2,103,492)
Net Profit	2,676,883	2,991,356
Other Comprehensive (Loss)/Income	(797,385)	203,370
Total Comprehensive Income	1,879,498	3,194,726

VII. Interests in other entities (continued)

2. Interests in joint ventures and associates (continued)

A summary of financial information of the joint ventures and Associates that are not individually material to the Group is as follows:

	For the six months ended 30 June 2022	For the year ended 31 December 2021
Joint Ventures		
Total book value of investment	50,490,673	48,773,481
Subtotals by the percentage of share holding		
Net Profit (Note 1)	898,562	1,560,122
Other Comprehensive Income (Note 1)	1,790	63,413
Total Comprehensive Income	900,352	1,623,535
Associates		
Total book value of investment	42,759,645	41,056,532
Subtotals by the percentage of share holding		
Net Profit (Note 1)	510,777	1,436,090
Other Comprehensive (loss)/Income (Note 1)	(1,752)	49,226
Total Comprehensive Income	509,025	1,485,316

Note 1: Both the net profit and other comprehensive income have considered the fair value of the identifiable assets and liabilities at the time the investment is obtained and the adjustment effects of the unified accounting policy.

3. Interests in consolidated structured entities

As at 30 June 2022, the main consolidated structured entities which set up by the Group's subsidiary China State Construction Fund Management Ltd. amounted to RMB12,378,963 thousand, and the Group's subscribed amount is RMB4,576,093 thousand. As at 30 June 2022, the Group's paid-in amount is RMB3,555,193 thousand and other parties is RMB3,774,724 thousand. The Group classified other parties' paid-in amount as non-controlling interests. The Group has no obligation and intention to provide financial supporting to these structured entities.

4. Interests in non-consolidated structured entities

As at 30 June 2022, the non-consolidated structured entities China State Construction Fund Management Ltd. participated in is amounted to RMB36,489,882 thousand, and the Group's subscribed amount is RMB8,874,387 thousand and other parties is RMB27,615,495 thousand. The Group has no control power over these special purpose vehicles, thus The Group cannot consolidate them. As at 30 June 2022, the Group's paid-in amount is RMB4,572,809 thousand and classified as long-term equity investments. The largest risk exposure of the Group is the paid-in amount as at the balance sheet date. The Group has no obligation and intention to provide financial supporting to these structured entities.

Unit: RMB'000

VIII. Financial instruments and related risks

1. Financial instruments by category

Carrying amounts of each category of financial instruments at the balance sheet date are as follows:

30 June 2022

Financial assets

	Financial assets at fair value through profit or loss	Financial assets at amortised cost	Financial assets at fair value through other comprehensive income		Total
	Required by the standard		Required by the standard	Designated	
Cash and bank balances	-	344,016,429	-	-	344,016,429
Financial assets held for trading	52,204	-	-	-	52,204
Notes receivable	-	11,561,853	-	-	11,561,853
Accounts receivable	-	227,736,849	-	-	227,736,849
Accounts receivable financing	-	-	4,518,144	-	4,518,144
Other receivables	-	67,669,149	-	-	67,669,149
Current portion of non-current assets	-	43,978,985	76,000	-	44,054,985
Other current assets	-	24,356,169	-	2,050,781	26,406,950
Debt investments	-	21,763,998	-	-	21,763,998
Other debt investments	-	-	253,183	-	253,183
Long-term receivables	-	96,250,650	-	-	96,250,650
Investments in other equity instruments	-	-	-	5,101,437	5,101,437
Other non-current financial assets	1,565,011	-	-	-	1,565,011
Total	1,617,215	837,334,082	4,847,327	7,152,218	850,950,842

Financial liabilities

	Financial liabilities at fair value through profit or loss	Financial liabilities at amortised cost	Total
	Required by the standard		
Short-term loans	-	109,923,163	109,923,163
Notes payable	-	11,413,989	11,413,989
Accounts payable	-	587,183,728	587,183,728
Other payables	-	134,270,240	134,270,240
Current portion of non-current liabilities	4,722,171	83,314,012	88,036,183
Other current liabilities	-	26,160,798	26,160,798
Long-term borrowings	-	387,442,060	387,442,060
Bonds payable	-	113,170,016	113,170,016
Long-term payables	-	17,721,751	17,721,751
Other non-current liabilities	-	1,564,250	1,564,250
Total	4,722,171	1,472,164,007	1,476,886,178

VIII. Financial instruments and related risks (continued)

1. Financial instruments by category (continued)

Carrying amounts of each category of financial instruments at the balance sheet date are as follows (continued):

31 December 2021

Financial assets

	Financial assets at fair value through profit or loss		Financial assets at fair value through other comprehensive income		Total
	Required by the standard	Financial assets at amortised cost	Required by the standard	Designated	
Cash and bank balances	-	327,460,535	-	-	327,460,535
Financial assets held for trading	71,597	-	-	-	71,597
Notes receivable	-	17,745,605	-	-	17,745,605
Accounts receivable	-	180,699,591	-	-	180,699,591
Accounts receivable financing	-	-	3,779,728	-	3,779,728
Other receivables	-	60,951,635	-	-	60,951,635
Current portion of non-current assets	-	43,409,623	142,945	-	43,552,568
Other current assets	-	25,514,693	-	2,218,083	27,732,776
Debt investments	-	20,945,330	-	-	20,945,330
Other debt investments	-	-	264,083	-	264,083
Long-term receivables	-	103,310,203	-	-	103,310,203
Investments in other equity instruments	-	-	-	5,065,494	5,065,494
Other non-current financial assets	1,559,354	-	-	-	1,559,354
Total	1,630,951	780,037,215	4,186,756	7,283,577	793,138,499

Financial liabilities

	Financial liabilities at fair value through profit or loss		Financial liabilities at amortised cost	Total
	Required by the standard			
Short-term loans	-	59,945,832	59,945,832	
Notes payable	-	7,553,066	7,553,066	
Accounts payable	-	516,475,667	516,475,667	
Other payables	-	126,723,159	126,723,159	
Current portion of non-current liabilities	-	79,114,808	79,114,808	
Other current liabilities	-	6,592,893	6,592,893	
Long-term borrowings	-	334,735,903	334,735,903	
Bonds payable	-	99,460,750	99,460,750	
Long-term payables	-	16,491,996	16,491,996	
Other non-current liabilities		4,488,392	1,485,882	5,974,274
Total		4,488,392	1,248,579,956	1,253,068,348

VIII. Financial instrument and related risk (continued)

2. Transfer of financial assets

Transferred financial assets that are not derecognised in their entirety (restated)

As at 30 June 2022, the book value of bank acceptance and commercial acceptance bills approved and discounted by the Group was RMB7,698,443 thousand (31 December 2021: RMB9,801,914 thousand). In the view of the Group, the Group retains almost all of its risks and remuneration, including the risk of default associated with it, and therefore continues to fully recognise it and the settled accounts payable or short-term borrowings associated with it. After endorsement or discount, the Group no longer reserves the right to use it, including the right to sell, transfer or pledge it to other third parties. As of 30 June 2022, the Group's book value of its settled accounts payable or short-term borrowings received totalled RMB7,698,443 thousand (31 December 2021: RMB9,801,914 thousand).

Transferred financial assets that are derecognised in their entirety in which continuing involvement exists

As of 30 June 2022, the book value of the Group's endorsed and discounted but not yet due bank acceptance bill was RMB1,389,352 thousand (31 December 2021: RMB1,415,666 thousand). On 30 June 2022, its maturity date is 1 to 12 months. According to the relevant provisions of the "Negotiable Instruments Law", if the acceptance bank refuses to pay, its holder has the right to claim against the group ("continue involvement"). The Group believes that the group has transferred almost all of its risks and rewards, therefore, the book value of its and related settled accounts payable is derecognised. The maximum loss and undiscounted cash flow of continued involvement and repurchase is equal to its book value. The Group believes that the continued involvement in fair value is not significant.

During the six months ended 30 June 2022, the Group did not recognise gains or losses on the transfer date. There was no income or expenses recognised in the current year and accumulatively due to the Group's continued involvement in the derecognised financial assets.

3. Financial instrument risks

The Group's activities expose it to a variety of financial risks: mainly include credit risk, liquidity risk and market risk (including interest rate risk, currency risk and equity instrument price risk). The Group's financial instrument mainly includes cash and bank balances, equity investments, debt investments, loans, bills receivable and accounts receivable, receivables financing, bills payable and accounts payable. The risks related to the financial instruments, and the risk management strategies adopted by the Group to reduce these risks are as follows.

The Board of Directors is responsible for planning and establishing the Group's risk management structure, formulating the Group's risk management policies and related guidelines, and supervising the implementation of risk management measures. The Group has formulated risk management policies to identify and analyze the risks faced by the Group. These risk management policies specify specific risks, covering market risk, credit risk and liquidity risk management. The Group regularly assesses changes in the market environment and the Group's operating activities to decide whether to update the risk management policies and systems. The risk management of the Group is carried out by the Risk Management Committee in accordance with the policies approved by the Board of Directors. The Risk Management Committee identifies, evaluates and avoids related risks through close cooperation with other business departments of the Group. The internal audit department of the Group conducts regular audits on risk management controls and procedures, and reports the audit results to the audit committee of the Group.

The Group diversifies the risk of financial instruments through appropriate diversified investment and business portfolios, and formulates corresponding risk management policies to reduce the risk of concentration in any single industry, specific region or specific counterparty.

VIII. Financial instrument and related risk (continued)

3. Financial instrument risks (continued)

Credit risk

The Group trades only with recognised and creditworthy customers. It is the Group's policy that all customers who wish to trade on credit terms are subject to credit verification procedures. In addition, receivable and contract assets balances are monitored on an ongoing basis to ensure that the Group's exposure to bad debts is not significant. For transactions that are not denominated in the functional currency of the relevant operating unit, the Group does not offer credit terms without the specific approval of the Department of Credit Control in the Group.

Since the counterparties of monetary funds, bank acceptance bills receivable are banks with good reputations and high credit ratings, these financial instruments have low credit risks.

Other financial assets of the Group include receivable commercial acceptance bills, accounts receivable, financial assets held for trading, other receivables, debt investments, long-term receivable, other debt investments, other equity instrument investments, and other non-current financial assets. The credit risk of these financial assets and contract assets stems from the default of the counterparty. The maximum risk exposure is equal to the book value of these instruments.

The maximum credit risk exposure that the Group faces on each balance sheet date is the total amount collected from customers minus the amount of impairment allowances.

The Group also faces credit risks due to the provision of financial guarantees, as disclosed in Note XII 2 for details.

Since the Group only conducts transactions with recognised and reputable third parties, there is no need for collateral. Credit risk is centralized and managed according to customers/counterparties, geographic regions and industries. Because the Group's accounts receivable and contract assets customer base is relatively wide. Therefore, there is no significant concentration of credit risk within the Group.

The judgment criteria for the significant increase of credit risk

The Group evaluates on each balance sheet date whether the credit risk of relevant financial instruments has increased significantly since the initial recognition. When determining whether the credit risk has increased significantly since the initial recognition, the Group considers whether it is necessary to pay unnecessary additional costs or efforts can be made

to obtain reasonable and based information, including qualitative and quantitative analysis based on the historical data of the Group, external credit risk ratings, and forward-looking information. Based on a single financial instrument or a combination of financial instruments with similar credit risk characteristics, the Group determines the change in the risk of default during the expected life of the financial instrument by comparing the risk of default on the balance sheet date of the financial instrument with the risk of default on the initial recognition date.

When one or more of the following quantitative and qualitative standards are triggered, the Group believes that the credit risk of financial instruments has increased significantly:

- (1) The quantitative standard is mainly that the probability of default in the remaining lifetime of the reporting day has increased by more than a certain percentage compared with the initial confirmation;
- (2) The qualitative standards are mainly the major adverse changes in the debtor's business or financial situation, the list of early warning customers, etc.

Definition of credit-impaired assets

In order to determine whether credit impairment has occurred, the standard used by the Group is consistent with the internal credit risk management objectives for relevant financial instruments, while considering quantitative and qualitative indicators. The main consideration when the Group assesses whether a debtor has credit impairment The following factors:

- (1) The issuer or debtor has major financial difficulties;
- (2) The debtor breached the contract, such as defaulting or overdue payment of interest or principal;
- (3) The creditor, out of economic or contractual considerations related to the debtor's financial difficulties, gives the debtor a concession that the debtor would not make under any other circumstances;
- (4) The debtor is likely to go bankrupt or undergo other financial restructuring;
- (5) The issuer or debtor's financial difficulties caused the disappearance of the active market for the financial asset;
- (6) A financial asset is purchased or originated at a significant discount, and the discount reflects the fact that credit losses have occurred.

The credit impairment of financial assets may be caused by a combination of multiple events, and may not be caused by a separately identifiable event.

Unit: RMB'000

VIII. Financial instrument and related risk (continued)

3. Financial instrument risks (continued)

Credit risk (continued)

The exposure to credit risk

As at 30 June 2022 and 31 December 2021, the exposure to credit risk of notes receivable, accounts receivable, accounts receivable financing, other receivable, contract assets, debt investments and long-term receivable refers to Note V.3,4,5,7,9,12,and 13.

Liquidity risk

The Group uses circular liquidity planning tools to manage the risk of funding shortfalls. The facility takes into account both the maturity date of its financial instruments and the expected cash flows from the Group's operations.

The objective of the Group is to maintain a balance between sustainability and flexibility in financing through the use of a variety of financing instruments. As at 30 June 2022 and 31 December 2021, the Group's financial liabilities were mainly due within one year.

The tables below summarise the maturity profile of the Group's financial liabilities and other liabilities based on contractual undiscounted payments and earliest payment date required by related parties for the maximum amount under financial guarantee contracts:

30 June 2022

	Within 1 year	1 to 2 years	2 to 5 years	Over 5 years	Total
Short-term borrowings	112,020,923	–	–	–	112,020,923
Notes payable	11,413,989	–	–	–	11,413,989
Accounts payable	587,183,728	–	–	–	587,183,728
Other payables	134,270,240	–	–	–	134,270,240
Other current liabilities	26,276,585	–	–	–	26,276,585
Long-term borrowings	73,144,524	131,400,384	192,865,213	129,922,320	527,332,441
Bonds payable	8,305,406	34,735,680	65,597,587	64,783,929	173,422,602
Lease liabilities	2,422,602	1,524,006	1,863,614	2,365,453	8,175,675
Long-term payables	9,713,397	13,212,788	4,631,364	226,256	27,783,805
Other non-current liabilities	4,854,169	–	1,773,719	–	6,627,888
Financial guarantee contracts	111,061,611	1,397,616	11,369,750	1,267,100	125,096,077
Total	1,080,667,174	182,270,474	278,101,247	198,565,058	1,739,603,953

VIII. Financial instrument and related risk (continued)

3. Financial instrument risks (continued)

Credit risk (continued)

Liquidity risk (continued)

31 December 2021

	Within 1 year	1 to 2 years	2 to 5 years	Over 5 years	Total
Short-term borrowings	60,998,969	–	–	–	60,998,969
Notes payable	7,553,066	–	–	–	7,553,066
Accounts payable	516,475,667	–	–	–	516,475,667
Other payables	126,723,159	–	–	–	126,723,159
Other current liabilities	6,611,556	–	–	–	6,611,556
Long-term borrowings	66,701,631	97,943,125	183,401,944	117,027,733	465,074,433
Bonds payable	18,556,512	29,741,003	37,919,699	55,434,197	141,651,411
Lease liabilities	2,199,318	1,482,715	1,468,109	1,421,182	6,571,324
Long-term payables	11,043,043	13,096,052	4,019,691	111,285	28,270,071
Other non-current liabilities	–	–	6,860,021	–	6,860,021
Financial guarantee contracts	95,770,704	2,235,150	5,660,405	3,500,000	107,166,259
Total	912,633,625	144,498,045	239,329,869	177,494,397	1,473,955,936

Note: The above-mentioned long-term borrowings, bonds payable, lease liabilities long-term payables and other non-current liabilities all include the parts due within one year.

Market risk

Interest rate risk

The Group's interest rate risk arises from interest bearing borrowings including borrowings, bonds payable. Financial liabilities issued at floating rates expose the Group to cash flow interest rate risk. Financial liabilities issued at fixed rates expose the Group to fair value interest rate risk.

The Group manages interest costs by maintaining an appropriate mix of fixed and variable rate debt. As at 30 June 2022, the Group's interest bearing borrowings with fixed rates amounted to RMB353,273,752 thousand (31 December 2021: RMB251,065,768 thousand), and floating rates interest bearing borrowings amounted to RMB367,341,776 thousand (31 December 2021: RMB328,375,190 thousand).

The Group's finance department at its headquarters continuously monitors the interest rate position of the Group. Increases in interest rates will increase the cost of new borrowings and the interest expenses with respect to the Group's outstanding floating rate borrowings, which could have a material adverse effect on the Group's financial position. The management of the Group makes decisions with reference to the latest market conditions. The Group may enter into interest rate swap agreements to mitigate its exposure to interest rate risk. For the six months ended 30 June 2022 and 2021 the Group did not enter into any significant interest rate swap agreements.

As at 30 June 2022, if the borrowing interest rate calculated at floating interest rate had been 50 basis points higher/lower, with all other variables held constant, the Group's net profit would have been decreased/increased by approximately RMB689 million (31 December 2021: approximately RMB1,224 million).

VIII. Financial instrument and related risk (continued)

3. Financial instrument risks (continued)

Market risk (continued)

Currency risk

The Group's major operational activities are carried out in Mainland China and a majority of the transactions is denominated in RMB. The Group's confirmed foreign currency assets and liabilities and future foreign currency transactions (foreign currency assets and liabilities and foreign currency transactions are mainly denominated in US dollars and HK dollars) are subject to foreign exchange risks. The Group's finance department at its headquarters is responsible for monitoring the foreign currency transactions and the scale of foreign currency assets and liabilities to minimize foreign exchange risks;. The Group may consider entering into forward exchange contracts or currency swap contracts to mitigate the foreign exchange risk. During the six months ended 30 June 2022 and 2021, the Group did not enter into any significant forward exchange contracts or currency swap contracts.

As at 30 June 2022, for Group's all kinds of foreign currency financial assets and foreign currency financial liabilities, if RMB appreciation or devaluation against foreign currency were 10%, other factors remain unchanged, the Group would increase or decrease by approximately RMB9.986 billion (31 December 2021: approximately RMB8.962 billion).

Equity instrument price risk

The Group's equity instrument price risk mainly arises from various types of equity instrument investments, and there is a risk of changes in equity instrument prices.

As at 30 June 2022, if the expected price of various types of equity instrument investments of the Group increased or decreased by 10% and other factors remained unchanged, the Group's net profit would increase or decrease by approximately RMB130,507 thousand (31 December 2021: approximately RMB130,903 thousand), other comprehensive income would increase or decrease by approximately RMB570,041 thousand (31 December 2021: approximately RMB576,662 thousand).

4. Capital management

The primary objectives of the Group's capital management are to safeguard the Group's ability to continue as a going concern and to maintain healthy capital ratios in order to support business development and maximize shareholder value.

The Group manages its capital structure and makes adjustments to it in light of changes in economic conditions and the risk profile of related assets. To maintain or adjust the capital structure, the Group may adjust the dividend payment to owners, return capital to owners or issue new shares. The Group is not subject to external mandatory capital requirements. No changes in the objectives, policies or processes for managing capital were made during the six-month ended 30 June 2022 and year 2021.

The Group's total capital is the shareholders' equity shown in the consolidated balance sheet. The Group uses the debt to assets ratio to monitor its capital. The debt to assets ratio refers to the consolidated balance sheet total liabilities divided by total assets. The debt to assets ratio of the Group at the balance sheet date was as follows:

	30 June 2022	31 December 2021
Total liabilities	1,936,845,689	1,748,546,817
Total assets	2,596,852,299	2,388,249,126
Debt to assets ratio	74.58%	73.21%

IX. Disclosure of fair value

1. Assets and liabilities measured at fair value

30 June 2022

	Fair value measurement using			Total
	Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)	
Recurring fair value measurements				
Financial assets held for trading				
Debt investments	45,252	–	–	45,252
Equity investments	6,952	–	–	6,952
Accounts receivables financing	–	–	4,518,144	4,518,144
Other current assets				
Investment in listed equity instrument	2,050,781	–	–	2,050,781
Other non-current financial assets				
Investment in stock	–	–	35,510	35,510
Investment in fund	–	–	1,529,501	1,529,501
Non-current assets due within one year	76,000	–	–	76,000
Other investment in debenture instrument	253,183	–	–	253,183
Other investment in equity instrument				
Investment in listed equity instrument	887,496	–	–	887,496
Investment in non-listed equity instrument	–	–	4,213,941	4,213,941
Total financial assets	3,319,664	–	10,297,096	13,616,760
Recurring fair value measurements				
Other non-current liabilities	–	4,722,171	–	4,722,171
Total financial liabilities	–	4,722,171	–	4,722,171

Unit: RMB'000

IX. Disclosure of fair value (continued)**1. Assets and liabilities measured at fair value (continued)**

31 December 2021

	Fair value measurement using			Total
	Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)	
Recurring fair value measurements				
Financial assets held for trading				
Debt investments	47,864	–	–	47,864
Equity investments	23,733	–	–	23,733
Accounts receivables financing	–	–	3,779,728	3,779,728
Other current assets				
Investment in listed equity instrument	2,218,083	–	–	2,218,083
Other non-current financial assets				
Investment in stock	–	–	35,510	35,510
Investment in fund	–	–	1,523,844	1,523,844
Non-current assets due within one year	142,945	–	–	142,945
Other investment in debenture instrument	264,083	–	–	264,083
Other investment in equity instrument				
Investment in listed equity instrument	1,204,980	–	–	1,204,980
Investment in non-listed equity instrument	–	–	3,860,514	3,860,514
Total financial assets	3,901,688	–	9,199,596	13,101,284
Recurring fair value measurements				
Other non-current liabilities	–	4,488,392	–	4,488,392
Total financial liabilities	–	4,488,392	–	4,488,392

IX. Disclosure of fair value (continued)

2. Valuation of fair value

Fair value of financial instruments

The illustration below is the disclosure on comparison between the fair value and the carrying amount for each class of financial assets and financial liabilities other than financial instruments where the difference between the carrying amount and the fair value is insignificant:

	Carrying amounts		Fair value	
	30 June 2022	31 December 2021	30 June 2022	31 December 2021
Bonds payable	113,170,016	99,460,750	117,813,478	103,766,312

The fair value of bonds payable quoted in an active market is determined at the quoted market price, and categorised within Level 1 of the fair value hierarchy. The fair value of bonds payable not quoted in an active market is the present value of the contractually determined stream of future cash flows discounted at the rate of interest applied at that time by the market to instruments of comparable credit status and providing substantially the same cash flows on the same terms, and categorised within Level 3 of the fair value hierarchy.

Management has assessed that the fair value of cash and bank balances, notes receivable, accounts receivable, other receivables, short-term loans, notes payable, accounts payable and other payables. Given the short term maturities, the fair value approximate to the carrying value.

The Group's finance department headed by the person in charge of the accounting institution is responsible for determining the policies and procedures for the fair value measurement of financial instruments. The person in charge of the accounting institution reports directly to the person in charge of accounting work and the audit committee. At each reporting date, the finance department analyses the movements in the value of financial instruments and determines the major inputs applied in the valuation. The valuation is reviewed and approved by the person in charge of accounting work.

The fair value of the financial assets and liabilities is included at the amount at which the instrument could be exchanged in a current transaction between willing parties, other than in a forced or liquidation sale. The following methods and assumptions were used to estimate the fair value.

Long-term receivables, long-term borrowings, debt investments, bonds payable, etc., adopt the future cash flow discount method to determine the fair value, and use the market yield of other financial instruments with similar contractual terms, credit risks and remaining maturity as the discount rate. As of 30 June 2022 and 31 December 2021, the fair value of long-term receivables, long-term borrowings and debt investments approximated to the carrying amount. The default risk of long-term borrowings was evaluated as insignificant.

The fair value of listed equity instrument investment is determined at the market price. For investment in unlisted equity instruments, valuation models such as market-comparable company models and discounted cash flow models are used to estimate fair value, For the market-comparable company models, the market method is used to estimate the fair value based on unobservable market prices or interest rate assumptions. The Group needs to identify comparable listed companies based on industry, size, leverage and strategy and calculate appropriate market multipliers such as enterprise value multiplier, price-to-book multiplier and price-to-earnings multiplier for each identified comparable listed company. Adjustments are made according to enterprise-specific facts and circumstances, taking into account factors such as liquidity and size differences with comparable listed companies. For the discounted cash flow model, the discounted valuation model is used to estimate the fair value according to the unobservable market price or interest rate assumption. The Group is required to provide estimates of expected future cash flows, including expected future dividends and disposal income. The Group believes that the fair value and its changes estimated by valuation techniques are reasonable and are the most appropriate value on the balance sheet date.

3. Unobservable inputs

The valuation models used are mainly discounted cash flow models and market-comparable company models. The input value of valuation techniques mainly include future cash flows, price-to-book ratio and price-earnings ratio of companies of the same category.

Unit: RMB'000

IX. Disclosure of fair value (continued)

4. Reconciliation of fair value measurements

Reconciliation of recurring fair value measurements within Level 3 is as follows:

For the six months ended 30 June 2022

	Opening balance of the period	Total gains or losses during the period		Purchases	Sales	Closing balance of the period	Changes in unrealised gains or losses included in profit or loss for assets held at end of the period
		Included in profit or loss	Included in other comprehensive income				
Accounts receivable financing	3,779,728	–	–	4,155,724	(3,417,308)	4,518,144	–
Other non-current financial assets							
Investment in stock	35,510	–	–	–	–	35,510	–
Investment in fund	1,523,844	(11,893)	–	17,550	–	1,529,501	(11,893)
Other investment in equity instrument							
Investment in unlisted equity instrument	3,860,514	29,279	(47,767)	429,324	(28,130)	4,213,941	–
Total	9,199,596	17,386	(47,767)	4,602,598	(3,445,438)	10,297,096	(11,893)

2021

	Opening balance of the year	Total gains or losses during the year		Purchases	Sales	Closing balance of the year	Changes in unrealised gains or losses included in profit or loss for assets held at end of the year
		Included in profit or loss	Included in other comprehensive income				
Accounts receivable financing	3,791,162	–	–	5,146,850	(5,158,284)	3,779,728	–
Other non-current financial assets							
Investment in stock	35,510	–	–	–	–	35,510	–
Investment in fund	300,000	7,349	–	1,408,105	(190,065)	1,523,844	5,804
Other investment in equity instrument							
Investment in unlisted equity instrument	4,508,545	127,319	214,345	498,550	(1,360,926)	3,860,514	–
Total	8,635,217	134,668	214,345	7,053,505	(6,709,275)	9,199,596	5,804

For recurring fair value measurements categorised within Level 3 of the fair value hierarchy, gains and losses included in profit or loss that relate to financial assets and non-financial assets are as follows:

	For the six months ended 30 June 2022	
	Profit or loss related to financial assets	Profit or loss related to non-financial assets
Total realised gains included in profit or loss	17,386	–
Changes in unrealised losses included in profit or loss for assets held at end of year	(11,893)	–

IX. Disclosure of fair value (continued)

4. Reconciliation of fair value measurements (continued)

	2021	
	Profit or loss related to financial assets	Profit or loss related to non-financial assets
Total realised gains included in profit or loss	134,668	–
Changes in unrealised losses included in profit or loss for assets held at end of year	5,804	–

5. Fair value level conversion

During the six months ended 30 June 2022, the fair value level of the equity instrument or debt investment continuously measured at fair value has no change. During the year of 2021, the fair value level of the equity instrument or debt investment continuously measured at fair value has no change.

X. Related party relationships and transactions

1. Parent

	Registered address	Nature of business	Registered capital (RMB)	Proportion of ownership interest in the Company	Proportion of voting power in the Company
CSCEC	Beijing	Investment holding	10 billion	56.34%	56.34%

The Company's ultimate controlling party is State-owned Assets Supervision and Administration Commission of the State Council.

2. Subsidiaries

The company's important subsidiaries refer to Note VII. 1.

3. Joint ventures and associates

Except the general information and other related information of joint ventures and associates set out in Note VII 2, the situation of joint ventures and associated enterprises that have transactions with the group is listed as follows:

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Joint Ventures (Note 3)					
Zhengzhou CSCEC Shenzhen Railway Transportation Co., Ltd. (Note 1)	Henan, China	Henan, China	Infrastructure construction business	No	61.00
Zhongshan Shenshui Environmental Water Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Other business	No	48.98
Yili CSCEC Highway Construction and Operation Co., Ltd. (Note 1)	Xinjiang, China	Xinjiang, China	Infrastructure construction business	No	40.00
Beijing Zhonghai Excellent Urban and Rural Construction Investment Fund (Note 1)	Beijing, China	Beijing, China	Public facilities management	No	18.62
Guangdong Haichao Technology Industry Development Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Other business	No	51.00

Unit: RMB'000

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Joint Ventures (continued) (Note 3)					
Beijing Zhonghai Harmonious Urban and Rural Construction Investment Center (LP) (Note 1)	Beijing, China	Beijing, China	Public facilities management	No	99.00
CSCEC (Tianjin) Railroad Transportation Investment Development Co., Ltd. (Note 1)	Tianjin, China	Tianjin, China	Infrastructure construction business	No	48.90
Guizhou Leirong Expressway Investment Management Co., Ltd. (Note 1)	Guizhou, China	Guizhou, China	Infrastructure construction business	No	68.90
Henan CSCEC Municipal Construction Development Co., Ltd. (Note 1)	Henan, China	Henan, China	Public facilities management	No	28.56
Xiamen International Trade Conference Center Co., Ltd.	Fujian, China	Fujian, China	Other business	No	50.00
Chongqing CSCEC Erhengxian Infrastructure Construction Co., Ltd. (Note 1)	Chongqing, China	Chongqing, China	Infrastructure construction business	No	46.77
Yantai Zhongda Xinhong Science Education Investment Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Other business	No	29.33
Anhui Bengwu Expressway Investment Management (Note 1)	Anhui, China	Anhui, China	Infrastructure construction business	No	70.00
Shanghai Chenggang Real Estate Co., Ltd. (Note 1)	Shanghai, China	Shanghai, China	Real estate investment and development business	No	25.00
Xi'an Chuxin investment and Construction Co., Ltd. (Note 1)	Shaanxi, China	Shaanxi, China	Infrastructure construction business	No	49.00
Xiangyang Huanxian Speed Improvement Construction Co., Ltd. (Note 1)	Hubei, China	Hubei, China	Other business	No	39.00
Shenzhen Shenshan special cooperation zone Zhongpu Infrastructure Investment Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Infrastructure construction business	No	64.00
Nanjing Zhongjian Fifth Bureau Lishui Development Area Affordable Housing Investment Co., Ltd. (Note 1)	Jiangsu, China	Jiangsu, China	Housing construction business	No	51.00
Guigang Nine Roads and Two Bridges Construction Management Co., Ltd. (Note 1)	Guangxi, China	Guangxi, China	Other business	No	42.68
CSCEC New Urbanization (Xinjiang) Investment Co., Ltd. (Note 1)	Xinjiang, China	Xinjiang, China	Infrastructure construction business	No	20.00
Qingdao Fangqian Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	18.00
Foshan China Construction Yipin Pengyue Real Estate Co., Ltd.	Guangdong, China	Guangdong, China	Real estate investment and development business	No	51.00
Shanghai Lingang New Area Jingang Dongjiu Real Estate Co., Ltd. (Note 1)	Shanghai, China	Shanghai, China	Real estate investment and development business	No	49.00
Beijing Chenxing International Exhibition Co., Ltd. (Note 1)	Beijing, China	Beijing, China	Other business	No	33.33
Hengshui CECSC Hangang Expressway Management Co., Ltd. (Note 1)	Hebei, China	Hebei, China	Public facilities management	No	59.93
Urumqi Zhongcheng Silk Road Sports Management Co., Ltd. (Note 1)	Xinjiang, China	Xinjiang, China	Other business	No	65.34

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Joint Ventures (continued) (Note 3)					
Guangzhou XingLv Real Estate Development Co., Ltd.	Guangdong, China	Guangdong, China	Real estate investment and development business	No	50.00
Beijing Nanyue Real Estate Development Co., Ltd. (Note 1)	Beijing, China	Beijing, China	Real estate investment and development business	No	35.00
CSCEC Zhanjiang Avenue Investment and Construction Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Infrastructure construction business	No	70.00
Guizhou Zhengxi Expressway Investment Management Co., Ltd. (Note 1)	Guizhou, China	Guizhou, China	Infrastructure construction business	No	60.00
Guangzhou Xinghong Real Estate Development Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Real estate investment and development business	No	51.00
Rizhao CSCEC Transportation Service Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Infrastructure construction business	No	26.50
Dalian CSCEC Sponge City Construction Development (Note 1)	Liaoning, China	Liaoning, China	Infrastructure construction business	No	49.00
CSCEC Dacheng Construction Co., Ltd.	Beijing, China	Beijing, China	Housing construction business	No	50.00
Qingdao Haijie Real Estate Co., Ltd.	Shandong, China	Shandong, China	Real estate investment and development business	No	50.00
Xiamen Haimao Real Estate Co., Ltd.	Fujian, China	Fujian, China	Real estate investment and development business	No	50.00
Changsha Yida Chuangzhi Real Estate Development Co., Ltd. (Note 1)	Hunan, China	Hunan, China	Real estate investment and development business	No	49.00
Suzhou Dongfu Yongxu Real Estate Co., Ltd. (Note 1)	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	49.00
Qingdao Fangchen Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	18.00
Qingdao Fanghui Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	18.00
CSCEC (Tangshan Caofeidian) Engineering Construction Co., Ltd. (Note 1)	Hebei, China	Hebei, China	Infrastructure construction business	No	90.00
Zhaotong Zhongjian Construction Investment Development Co., Ltd. (Note 1)	Yunnan, China	Yunnan, China	Infrastructure construction business	No	51.00
China Construction International (Xiangyang) Construction Co., Ltd. (Note 1)	Hubei, China	Hubei, China	Housing construction business	No	70.00
Putian Haijia Real Estate Co., Ltd. (Note 1)	Fujian, China	Fujian, China	Infrastructure construction business	No	60.00
Dazhou Dahan Construction Management Co., Ltd. (Note 1)	Sichuan, China	Sichuan, China	Infrastructure construction business	No	65.89
Changsha Zhongjian International Development Co., Ltd. (Note 1)	Hunan, China	Hunan, China	Infrastructure construction business	No	65.00
Shanghai Linbo Haihui City Construction Development Co., Ltd. (Note 1)	Shanghai, China	Shanghai, China	Infrastructure construction business	No	49.00
Cangzhou CSCEC Bohai investment Logistics Park Construction Development Co., Ltd. (Note 1)	Hebei, China	Hebei, China	Infrastructure construction business	No	30.00

Unit: RMB'000

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Joint Ventures (continued) (Note 3)					
Cangzhou Bohai New Area China Construction Port Construction Management Co., Ltd. (Note 1)	Hebei, China	Hebei, China	Infrastructure construction business	No	90.00
Xuzhou Metro Line Three Investment Development Co., Ltd. (Note 1)	Jiangsu, China	Jiangsu, China	Infrastructure construction business	No	44.44
CSCEC Transportation Construction Linfen Jinhe Roads and Bridges Engineering Co., Ltd. (Note 1)	Shanxi, China	Shanxi, China	Infrastructure construction business	No	20.00
Liu'an Haijia Lancheng Real Estate Co., Ltd. (Note 1)	Anhui, China	Anhui, China	Real estate investment and development business	No	51.00
Xiangtan Haijia Construction Co., Ltd. (Note 1)	Hunan, China	Hunan, China	Infrastructure construction business	No	51.00
Mianyang CSCEC Kefa Guanlang road investment and Construction Co., Ltd. (Note 1)	Sichuan, China	Sichuan, China	Housing construction business	No	37.18
Qufu Nishan cultural tourism real estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	60.00
China Construction Jingmen 207 Highway Construction Co., Ltd. (Note 1)	Hubei, China	Hubei, China	Infrastructure construction business	No	52.00
Yinchuan Shenyang Road Underground Comprehensive Pipe Gallery Construction Management Co., Ltd. (Note 1)	Ningxia, China	Ningxia, China	Infrastructure construction business	No	70.00
Liupanshui urban pipe gallery construction and Development Investment Co., Ltd. (Note 1)	Guizhou, China	Guizhou, China	Infrastructure construction business	No	80.00
Dongguan Zhonghai Century City Education Technology Development Co., Ltd.	Guangdong, China	Guangdong, China	Other business	No	50.00
CSCEC Roads and Bridges Co., Ltd. (Note 1)	Hebei, China	Hebei, China	Infrastructure construction business	No	51.00
Construction Technology Jingmen Co., Ltd.	Hubei, China	Hubei, China	Other business	No	60.00
Zunyi South Ring Expressway Development Co., Ltd. (Note 1)	Guizhou, China	Guizhou, China	Infrastructure construction business	No	60.00
Hengyang Lingsheng Real Estate Co., Ltd. (Note 1)	Hunan, China	Hunan, China	Real estate investment and development business	No	51.00
Qingdao Fangchuan Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	18.00
China Overseas Polytec Real Estate (Foshan) Co., Ltd. (CITIC Polytec Real Estate (Foshan) Co., Ltd.)	Guangdong, China	Guangdong, China	Real estate investment and development business	No	50.00
CSCEC Development and Construction (Foshan) Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Infrastructure construction business	No	80.00
Tianjin Chuangliang Investment Management Co., Ltd. (Note 1)	Tianjin, China	Tianjin, China	Other business	No	34.00
Leading Investment Co., Ltd. (Note 1)	Jiangsu, China	Hong Kong, China	Real estate investment and development business	No	51.00
Xingui Investment Co., Ltd.	Zhejiang, China	Hong Kong, China	Real estate investment and development business	No	50.00

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Joint Ventures (continued) (Note 3)					
Tianjin Chuangqing Investment Management Co., Ltd. (Note 1)	Tianjin, China	Tianjin, China	Other business	No	51.00
Harbin Runzhi Real Estate Development Co., Ltd.	Heilongjiang, China	Heilongjiang, China	Real estate investment and development business	No	50.00
Tongxiang Haoli Enterprise Management Co., Ltd. (Note 1)	Zhejiang, China	Zhejiang, China	Other business	No	25.00
Xuancheng Haijia Lancheng Real Estate Co., Ltd. (Note 1)	Anhui, China	Anhui, China	Real estate investment and development business	No	65.00
CSCEC Xi'an Infrastructure Construction Investment Co., Ltd. (Note 1)	Shaanxi, China	Shaanxi, China	Infrastructure construction business	No	22.50
Changchun Hairun Rongcheng Real Estate Development Co., Ltd.	Jilin, China	Jilin, China	Real estate investment and development business	No	50.00
Suzhou Wujiang Taihai Real Estate Co., Ltd. (Note 1)	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	44.00
Top Colour Development Limited (Note 1)	Hong Kong, China	Hong Kong, China	Real estate investment and development business	No	34.00
Tianjin Shunji Real Estate Co., Ltd. (Note 1)	Tianjin, China	Tianjin, China	Real estate investment and development business	No	12.50
Guangzhou SuiHai Real Estate Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Real estate investment and development business	No	25.00
Tianjin Wanjiang Real Estate Co., Ltd. (Note 1)	Tianjin, China	Tianjin, China	Real estate investment and development business	No	33.40
Fuzhou Xinzhiyuan Investment Development Co., Ltd.	Fujian, China	Fujian, China	Real estate investment and development business	No	50.00
Fuzhou Strait Culture and Art Center Construction and Development Co., Ltd.	Fujian, China	Fujian, China	Real estate investment and development business	No	50.00
Clear Elegant Limited (Note 1)	Hong Kong, China	Hong Kong, China	Real estate investment and development business	No	30.00
Jingyu Co., Ltd. (Note 1)	Hong Kong, China	Hong Kong, China	Other business	No	70.00
Luminous Dream Limited (Note 1)	Hong Kong, China	Hong Kong, China	Infrastructure construction business	No	30.00
TEDA Group Co., Ltd. (Note 1)	Hong Kong, China	Hong Kong, China	Infrastructure construction business	No	33.00
Gainable Development Limited (Note 1)	Hong Kong, China	Hong Kong, China	Real estate investment and development business	No	20.00
Marble Edge Limited (Note 1)	Hong Kong, China	Hong Kong, China	Real estate investment and development business	No	18.00
Hing Chong Enterprise Co., Ltd.	Hong Kong, China	Hong Kong, China	Real estate investment and development business	No	50.00

Unit: RMB'000

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Joint Ventures (continued) (Note 3)					
Beijing Xingying Real Estate Co., Ltd. (Note 1)	Beijing, China	Beijing, China	Real estate investment and development business	No	51.00
Ezhou Chuangu Real Estate Development Co., Ltd.	Hubei, China	Hubei, China	Real estate investment and development business	No	50.00
Guiheng Investments Co., Ltd.	Chongqing, China	Hong Kong, China	Real estate investment and development business	No	50.00
Foshan Zhongjian Yipin Pengyue Real Estate Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Real estate investment and development business	No	49.00
Xiamen Yongjingwan Real Estate Co., Ltd. (Note 1)	Fujian, China	Fujian, China	Real estate investment and development business	No	20.00
Sunrise JV Limited	Hong Kong, China	Hong Kong, China	Other business	No	50.00
Xi'an Jiarun Rongcheng Real Estate Co., Ltd.	Shaanxi, China	Shaanxi, China	Real estate investment and development business	No	50.00
CSCEC Haijia (Foshan) Investment Construction Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Other business	No	80.00
Qingdao tengmao Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	18.00
Changsha China Construction Future Technology City Investment Co., Ltd. (Note 1)	Hunan, China	Hunan, China	Other business	No	51.00
Sanya Bihai Jincheng Business Management Co., Ltd. (Note 1)	Hainan, China	Hainan, China	Real estate investment and development business	No	17.00
Xi'an Hehui Xingshang Real Estate Co., Ltd.	Shaanxi, China	Shaanxi, China	Real estate investment and development business	No	50.00
China Overseas Hongyang Haifu (Hefei) Real Estate Development Co., Ltd. (Note 1)	Anhui, China	Anhui, China	Real estate investment and development business	No	45.00
Qingdao Caimao Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	18.00
Huarun Real Estate (Taiyuan) Development Co., Ltd.	Shanxi, China	Shanxi, China	Real estate investment and development business	No	50.00
Shandong China Overseas Huachuang Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	60.00
Jiangmen Pengjiang Tianque Real Estate Development Co., Ltd.	Guangdong, China	Guangdong, China	Real estate investment and development business	No	50.00
Qingyuan CSCEC Fourth Bureau Yuejian Investment Development Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Infrastructure construction business	No	80.00
Qingdao Songmao Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	18.00
Nanjing Yangtze River Second Bridge Co., Ltd. (Note 1)	Jiangsu, China	Jiangsu, China	Infrastructure construction business	No	65.00

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Joint Ventures (continued) (Note 3)					
Guangzhou Hongyuan Land Co., Ltd. (Note 1)	Guangdong, China	Guangdong, China	Real estate investment and development business	No	51.00
Tianjin Yingchao Real Estate Development Co., Ltd.	Tianjin, China	Tianjin, China	Real estate investment and development business	No	50.00
Zhangzhou Binbei Real Estate Co., Ltd. (Note 1)	Fujian, China	Fujian, China	Real estate investment and development business	No	15.00
Yangyue Investment Co., Ltd. (Note 1)	Hong Kong, China	Hong Kong, China	Real estate investment and development business	No	45.00
Zhonghai Hecai (Beijing) Equity Investment Fund Management Co., Ltd. (Note 1)	Beijing, China	Beijing, China	Other business	No	55.00
Beijing Sound CSCEC Environmental Engineering Co., Ltd.	Beijing, China	Beijing, China	Other business	No	50.00
Guangzhou CSCEC Green Financial Holding Construction Investment Co., Ltd.	Guangdong, China	Guangdong, China	Real estate investment and development business	No	50.00
Ezhou Culture and Sports Investment Construction Co., Ltd. (Note 1)	Hubei, China	Hubei, China	Infrastructure construction business	No	47.50
Liuzhou CSCEC Science and Technology Cultural Tourism Development Co., Ltd. (Note 1)	Guangxi, China	Guangxi, China	Other business	No	25.00
Wuhan Hongtai Hongli CSCEC Yipin Real Estate Co., Ltd. (Note 1)	Hubei, China	Hubei, China	Real estate investment and development business	No	51.00
CSCEC Third Engineering Bureau Shengshi Jingzhou Real Estate Development Co., Ltd. (Note 1)	Hubei, China	Hubei, China	Real estate investment and development business	No	51.00
Yunnan Airport Construction and Development Co., Ltd. (Note 1)	Yunnan, China	Yunnan, China	Infrastructure construction business	No	49.00
Wuhan CSCEC Yipin Zhaoying Real Estate Co., Ltd.	Wuhan, China	Wuhan, China	Real estate investment and development business	No	50.00
Suzhou Star Investment Construction Development Co., Ltd. (Note 1)	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	51.00
Chongqing Qingneng Yuehe Real Estate Co., Ltd. (Note 1)	Chongqing, China	Chongqing, China	Real estate investment and development business	No	49.00
Changsha CSCEC International High-speed Railway West Industrial City Investment Co., Ltd. (Note 1)	Hunan, China	Hunan, China	Infrastructure construction business	No	51.00
Nanjing Kangyuan Real Estate Development Co., Ltd. (Note 1)	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	49.00
Quanzhou Taiwan Business Investment Zone China Construction Fifth Bureau Haiwan Avenue Investment Co., Ltd.	Fujian, China	Fujian, China	Infrastructure construction business	No	50.00
Qingdao Maozhang Real Estate Co., Ltd. (Note 1)	Shandong, China	Shandong, China	Real estate investment and development business	No	18.00
Leighton-China State Joint Venture	Hong Kong, China	Hong Kong, China	Other business	No	50.00

Unit: RMB'000

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (Note 3)					
Guangzhou Fuchuang Real Estate Development Co., Ltd.	Guangdong, China	Guangdong, China	Real estate investment and development business	No	34.00
Shantou CSCEC New Urbanization Investment Co., Ltd.	Guangdong, China	Guangdong, China	Infrastructure construction business	No	36.77
Foshan Urban Rail Transit Line 3 Development Co., Ltd. (Note 2)	Guangdong, China	Guangdong, China	Infrastructure construction business	No	5.59
Zhuzhou Zhonghai Hongyang Real Estate Co., Ltd.	Hunan, China	Hunan, China	Real estate investment and development business	No	30.00
Jiangsu Susu Industrial Park Development Co., Ltd. (Note 2)	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	11.00
Shanghai Fuda Real Estate Co., Ltd.	Shanghai, China	Shanghai, China	Real estate investment and development business	No	34.00
Ganzhou Jingdao Construction Engineering Co., Ltd.	Jiangxi, China	Jiangxi, China	Infrastructure construction business	No	20.00
Tianjin Zhonghai Haixin Real Estate Co., Ltd.	Tianjin, China	Tianjin, China	Real estate investment and development business	No	34.00
Beijing Yijing Real Estate Co., Ltd.	Beijing, China	Beijing, China	Real estate investment and development business	No	20.00
Fuyang Three Gorges Phase I Water Environment Comprehensive Treatment Co., Ltd. (Note 2)	Anhui, China	Anhui, China	Other business	No	19.00
Jiqing Express Railroad Co., Ltd. (Note 2)	Shandong, China	Shandong, China	Infrastructure construction business	No	8.40
CCCC Jijiao Expressway Investment Development Co., Ltd.	Hebei, China	Hebei, China	Infrastructure construction business	No	21.00
Nantong City Ring Road Highway Co., Ltd.	Jiangsu, China	Jiangsu, China	Housing construction business	No	33.00
CSCEC Wuhan Huangxiaohu Airport River Environment Comprehensive Treatment Construction Operation Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Infrastructure construction business	No	9.70
Wuhan CSCEC Wudi Development Construction Co., Ltd.	Hubei, China	Hubei, China	Other business	No	30.00
CSCEC Xi'an City Construction Investment Co., Ltd.	Shaanxi, China	Shaanxi, China	Infrastructure construction business	No	30.00
Sichuan Dehui Expressway Co., Ltd.	Sichuan, China	Sichuan, China	Housing construction business	No	20.00
CSCEC Xi'an Chanba Ecological Region Construction Investment Co., Ltd. (Note 2)	Shaanxi, China	Shaanxi, China	Infrastructure construction business	No	53.29
Urumqi Linkong CSCEC Airport Construction Operation Co., Ltd.	Xinjiang, China	Xinjiang, China	Infrastructure construction business	No	36.75
Yunnan Huali expressway investment and Development Co., Ltd.	Yunnan, China	Yunnan, China	Infrastructure construction business	No	46.00
Hebei Chenghong Pipelines Engineering Co., Ltd. (Note 2)	Hebei, China	Hebei, China	Infrastructure construction business	No	5.00

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (continued) (Note 3)					
Henan Xuxin Highway Co., Ltd.	Henan, China	Henan, China	Housing construction business	No	30.00
Shanwei Yuehai Qingyuan Environmental Protection Co., Ltd. (Note 2)	Guangdong, China	Guangdong, China	Other business	No	5.00
Sanmenxia National Road 301 South Transplanted Project Construction Co., Ltd.	Henan, China	Henan, China	Infrastructure construction business	No	40.00
Xiamen International Exhibition Center Co., Ltd.	Fujian, China	Fujian, China	Other business	No	24.00
Luzhou Yangtze River Second Bridge Construction Co., Ltd. (Note 2)	Sichuan, China	Sichuan, China	Infrastructure construction business	No	10.00
Hangzhou City Investment Wulin Investment Development Co., Ltd. (Note 2)	Zhejiang, China	Zhejiang, China	Infrastructure construction business	No	15.00
Urumqi Linkong Construction Infrastructure Co., Ltd.	Xinjiang, China	Xinjiang, China	Other business	No	49.00
Shangqiu CSCEC Yuncheng City Construction Development Co., Ltd. (Note 2)	Henan, China	Henan, China	Infrastructure construction business	No	9.00
Weihai CSCEC Eighth Bureau Construction Development Co., Ltd. (Note 2)	Shandong, China	Shandong, China	Infrastructure construction business	No	7.61
Yongcheng Yunxiang City Construction Co., Ltd. (Note 2)	Henan, China	Henan, China	Public facilities management	No	5.00
China Construction Third Engineering Bureau Jingzhou Huanchang Lake Construction Operation Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	20.00
Shenshan Special Cooperation Zone Sea and Harbor New City Investment Construction Co., Ltd.	Shenzhen, China	Shenzhen, China	Infrastructure construction business	No	30.00
Jiaozuo CSCEC south to North Water Diversion ecological protection construction and Operation Co., Ltd.	Henan, China	Henan, China	Other business	No	30.00
Yantai Yuanxin Zhongda Investment Co., Ltd.	Shandong, China	Shandong, China	Other business	No	28.00
Beijing Jinyan Real Estate Development Co., Ltd.	Beijing, China	Beijing, China	Real estate investment and development business	No	49.00
Nanyang CSCEC Jinrui City Construction Development Co., Ltd.	Henan, China	Henan, China	Infrastructure construction business	No	20.00
Qingdao China Construction Eighth Bureau Airport City Construction Development Co., Ltd. (Note 2)	Shandong, China	Shandong, China	Real estate investment and development business	No	12.75
Chengdu Changtuo Dongjin Construction Co., Ltd. (Note 2)	Sichuan, China	Sichuan, China	Infrastructure construction business	No	1.00
Hubei Trading Xiangyang North Expressway Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	20.00
China Construction Third Engineering Bureau Xianning Big Continent Lake ecological construction and Operation Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	45.00

Unit: RMB'000

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (continued) (Note 3)					
China Construction Third Bureau Shiyan Boulevard Construction and Operation Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	45.00
China Construction Wuhan Qingling Pipe Corridor Construction and Operation Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Infrastructure construction business	No	9.00
Hefei Binhu Financial Town Management Co., Ltd.	Anhui, China	Anhui, China	Real estate investment and development business	No	25.00
Wuhan Wuyang Highway Investment Management Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	30.00
China State Construction Wuhan Yangsigang Road and Bridge Construction and Operation Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	40.00
Hengshui JianhaYuan Project Management Co., Ltd. (Note 2)	Hebei, China	Hebei, China	Other business	No	60.00
Guangxi Nanbin Highway Construction and Development Co., Ltd.	Guangxi, China	Guangxi, China	Infrastructure construction business	No	31.50
Wuhan Qianzishan Energy Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Other business	No	67.00
Wuhan Huangpi Three Gorges Water Environment Comprehensive Treatment Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Other business	No	10.00
Ganzhou Hangyu Construction Co., Ltd. (Note 2)	Jiangxi, China	Jiangxi, China	Real estate investment and development business	No	2.10
Nanjing CSCEC Travel Construction Investment Co., Ltd.	Jiangsu, China	Jiangsu, China	Infrastructure construction business	No	20.00
Nanchang Economic and Technological Development Zone Three Gorges Phase I Water Environment Governance Co., Ltd. (Note 2)	Jiangxi, China	Jiangxi, China	Other business	No	18.00
Qingdao CSCEC Eighth Bureau City Investment and Development Co., Ltd. (Note 2)	Shandong, China	Shandong, China	Infrastructure construction business	No	2.00
Fujian Minxin Environmental Development Co., Ltd. (Note 2)	Fujian, China	Fujian, China	Other business	No	18.00
China Construction Third Bureau Xiangyang East and West Line Construction Operation Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Infrastructure construction business	No	10.00
Nanyang Fangzao Expressway Co., Ltd. (Note 2)	Henan, China	Henan, China	Infrastructure construction business	No	3.00
China Construction Third Bureau Xiangyang Fanxi Pipe Corridor Construction and Operation Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Other business	No	10.00
Guangzhou Zengcheng North Control Water Treatment Co., Ltd. (Note 2)	Guangdong, China	Guangdong, China	Other business	No	10.00
Hong Kong and Kowloon Concrete Co., Ltd.	Hong Kong, China	Hong Kong, China	Sales materials	No	31.50
Zhengzhou Yirongyijian Supply Chain Management Co., Ltd. (Note 2)	Henan, China	Henan, China	Sales materials	No	18.00

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (continued) (Note 3)					
Anhui Guoyuan Investment Co., Ltd.	Anhui, China	Anhui, China	Other business	No	42.73
Beijing CSCEC Runtong Electromechanic Engineering Co., Ltd.	Beijing, China	Beijing, China	Housing construction business	No	30.00
Shandong Zhongcheng Machinery Leasing Co., Ltd.	Shandong, China	Shandong, China	Leasing business	No	30.00
Hebei Xiong'an Citizen Service Center Co., Ltd. (Note 2)	Hebei, China	Hebei, China	Infrastructure construction business	No	50.50
Shandong CSCEC Zhongli Equipment Leasing Co., Ltd.	Shandong, China	Shandong, China	Leasing business	No	30.00
Sichuan Xijianshantui Logistics Co., Ltd.	Sichuan, China	Sichuan, China	Other business	No	30.00
Sichuan Xijianzhonghe Machinery Co., Ltd.	Sichuan, China	Sichuan, China	Other business	No	44.44
Suzhou Fuyuan Real Estate Co., Ltd.	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	34.00
Xuzhou Underground Line 1 Track Transportation Investment Development Co., Ltd.	Jiangsu, China	Jiangsu, China	Infrastructure construction business	No	38.30
Shijiazhuang Jiaojian Highway Construction Management Co., Ltd.	Hebei, China	Hebei, China	Infrastructure construction business	No	49.00
Shangqiu Yunheng City Construction Development Co., Ltd. (Note 2)	Henan, China	Henan, China	Infrastructure construction business	No	7.61
Zhoukou Xintong City Construction Development Co., Ltd.	Henan, China	Henan, China	Infrastructure construction business	No	30.00
Chongqing Water Affairs Shatian Environmental Governance Co., Ltd. (Note 2)	Chongqing, China	Chongqing, China	Other business	No	1.00
CSCEC Steel Structure Wuhan Caidian Construction Engineering Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	45.00
Duyun Galaxy Real Estate Development Co., Ltd.	Guizhou, China	Guizhou, China	Real estate investment and development business	No	33.33
Hanzhong CSCEC Pipe Corridor Construction and Development Co., Ltd. (Note 2)	Shaanxi, China	Shaanxi, China	Infrastructure construction business	No	18.00
China Construction Third Bureau Ezhou Guang'an Real Estate Development Co., Ltd.	Hubei, China	Hubei, China	Real estate investment and development business	No	20.00
Panzhuhua China Construction Third Bureau Government Service Center Construction Development Co., Ltd. (Note 2)	Sichuan, China	Sichuan, China	Infrastructure construction business	No	9.00
China Construction Industry & Finance Investment Management (Tianjin) Co., Ltd. (Note 2)	Tianjin, China	Tianjin, China	Other business	No	16.67
Wuhan Chongjiang Real Estate Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Real estate investment and development business	No	51.00
Qingyang CSCEC Yuanqing Road Construction Management Co., Ltd.	Gansu, China	Gansu, China	Infrastructure construction business	No	24.90

Unit: RMB'000

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (continued) (Note 3)					
China Construction Third Engineering Bureau Nanchong Environmental Construction Investment Co., Ltd. (Note 2)	Sichuan, China	Sichuan, China	Infrastructure construction business	No	15.00
Suzhou Junda National Highway 206 Construction Co., Ltd.	Anhui, China	Anhui, China	Housing construction business	No	20.00
Liuzhou CSCEC Dongcheng Cultural Development Co., Ltd.	Guangxi, China	Guangxi, China	Infrastructure construction business	No	46.67
Xiamen Haitou Construction Technology Co., Ltd.	Fujian, China	Fujian, China	Other business	No	30.00
Ezhou CSCEC Yipin Lanyue Real Estate Co., Ltd.	Hubei, China	Hubei, China	Real estate investment and development business	No	20.00
China Construction Haoyun Co., Ltd.	Hebei, China	Hebei, China	Other business	No	35.00
Zhengzhou Public Zhongcheng Roads and Bridges Construction Management Co., Ltd.	Henan, China	Henan, China	Infrastructure construction business	No	25.00
China Construction Third Bureau Rongchang Chengdu Tianfu New Area Construction Investment Co., Ltd.	Sichuan, China	Sichuan, China	Real estate investment and development business	No	46.00
Panjin Xinjian Construction Co., Ltd.	Liaoning, China	Liaoning, China	Infrastructure construction business	No	45.85
Suzhou Xinghui West Ring Road Construction Co., Ltd.	Anhui, China	Anhui, China	Infrastructure construction business	No	30.93
China Construction Third Bureau Yichang City Pipe Corridor Construction and Operation Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	41.29
Chongqing Jinke Zhaoji Real Estate Development Co., Ltd.	Chongqing, China	Chongqing, China	Real estate investment and development business	No	45.00
Haikou Qiyue Urban Construction Co., Ltd. (Note 2)	Hainan, China	Hainan, China	Infrastructure construction business	No	2.00
Xinjiang CSCEC City Construction Investment Co., Ltd.	Xinjiang, China	Xinjiang, China	Infrastructure construction business	No	20.00
China Construction Third Bureau Shiyan Aviation Road Construction and Operation Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	45.00
Wuhan Chenfa Real Estate Development Co., Ltd.	Hubei, China	Hubei, China	Real estate investment and development business	No	20.00
Putian CSCEC Mulan Construction Development Co., Ltd.	Fujian, China	Fujian, China	Infrastructure construction business	No	49.90
Wuhan Anhe Shengtai Real Estate Development Co., Ltd.	Hubei, China	Hubei, China	Real estate investment and development business	No	35.00
Guizhou Ongma Railway North-South Extension Line Co., Ltd. (Note 2)	Guizhou, China	Guizhou, China	Other business	No	9.93
Rizhao CSCEC Eighth Bureau Transportation Service Co., Ltd. (Note 2)	Shandong, China	Shandong, China	Infrastructure construction business	No	15.66

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (continued) (Note 3)					
Suzhou Water Environment Investment and Construction Co., Ltd.	Anhui, China	Anhui, China	Other business	No	35.00
Changsha Xirong Real Estate Co., Ltd.	Hunan, China	Hunan, China	Real estate investment and development business	No	33.00
Xinyu Ring Road Construction Investment Co., Ltd. (Note 2)	Jiangxi, China	Jiangxi, China	Infrastructure construction business	No	10.00
Liupanshui Dongda highway investment and Development Co., Ltd. (Note 2)	Guizhou, China	Guizhou, China	Infrastructure construction business	No	50.00
Chengdu Longquan Beikong Water Co., Ltd. (Note 2)	Sichuan, China	Sichuan, China	Other business	No	1.00
China Construction Eighth Bureau Education Development Co., Ltd.	Shandong, China	Shandong, China	Other business	No	38.65
Guangxi Jiaoling Environmental Engineering Co., Ltd.	Guangxi, China	Guangxi, China	Infrastructure construction business	No	32.00
Jining Yanzhou District CSCEC Transportation Construction And Development Co., Ltd.	Shandong, China	Shandong, China	Infrastructure construction business	No	32.36
Wuhan Chenzhan Real Estate Development Co., Ltd.	Hubei, China	Hubei, China	Real estate investment and development business	No	20.00
Pingxiang Jianyu Real Estate Co., Ltd. (Note 2)	Jiangxi, China	Jiangxi, China	Real estate investment and development business	No	2.00
Fuqing CSCEC Ronghai Construction and Development Co., Ltd.	Fujian, China	Fujian, China	Real estate investment and development business	No	40.00
Putian Jiangkou Suanxi CSCEC Strait Infrastructure Investment Development Co., Ltd. (Note 2)	Fujian, China	Fujian, China	Real estate investment and development business	No	5.00
Henan Jiaotong Guhuai Expressway Co., Ltd.	Henan, China	Henan, China	Infrastructure construction business	No	24.03
Xuchang Chenheng Real Estate Co., Ltd.	Henan, China	Henan, China	Real estate investment and development business	No	39.00
Shanghai Jiasheng Real Estate Development Co., Ltd.	Shanghai, China	Shanghai, China	Real estate investment and development business	No	49.00
Jinjiang Zhongyun Sports Construction Development Co., Ltd. (Note 2)	Fujian, China	Fujian, China	Infrastructure construction business	No	10.00
Jinyu Jiaying Nanjing Real Estate Development Co., Ltd.	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	30.00
Qingdao Changming Real Estate Co., Ltd.	Shandong, China	Shandong, China	Real estate investment and development business	No	22.50
Guangzhou Zengcheng Run Yu Real Estate Co., Ltd.	Guangdong, China	Guangdong, China	Real estate investment and development business	No	20.00
Jiangmen Pengjiang Area Hebang Real Estate Development Co., Ltd. (Note 2)	Guangdong, China	Guangdong, China	Real estate investment and development business	No	50.00
Shangqiu Xinding Real Estate Co., Ltd.	Henan, China	Henan, China	Real estate investment and development business	No	20.00

Unit: RMB'000

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (continued) (Note 3)					
Zhuzhou China Overseas Real Estate Co., Ltd.	Hunan, China	Hunan, China	Real estate investment and development business	No	30.00
Beijing Jinliang Xingye Real Estate Development Co., Ltd.	Beijing, China	Beijing, China	Real estate investment and development business	No	40.00
Haizhou Investment Co., Ltd.	Hong Kong, China	Hong Kong, China	Other business	No	49.00
Chengdu Beichen Tianchen Real Estate Co., Ltd.	Sichuan, China	Sichuan, China	Real estate investment and development business	No	20.00
Beijing Huiguang Enterprise Management Co., Ltd.	Beijing, China	Beijing, China	Real estate investment and development business	No	20.39
Xianyi International Co., Ltd.	Hong Kong, China	Hong Kong, China	Other business	No	30.00
Putian Putian Putian University Construction Co., Ltd.	Fujian, China	Fujian, China	Housing construction business	No	32.90
Beijing Haiying Real Estate Development Co., Ltd.	Beijing, China	Beijing, China	Real estate investment and development business	No	33.00
Shandong CSCEC Material Equipment Co., Ltd.	Shandong, China	Shandong, China	Other business	No	30.00
Beijing Zhongchao Concrete Co., Ltd.	Beijing, China	Beijing, China	Other business	No	30.00
Jinmao Investment (Changsha) Co., Ltd.	Hunan, China	Hunan, China	Real estate investment and development business	No	20.00
Nanjing CSCEC Gubei City Development Co., Ltd.	Jiangsu, China	Jiangsu, China	Infrastructure construction business	No	45.00
Beijing Hengyi Real Estate Development Co., Ltd.	Beijing, China	Beijing, China	Real estate investment and development business	No	49.00
Guangzhou Ivrong Real Estate Development Co., Ltd. (Note 2)	Guangdong, China	Guangdong, China	Real estate investment and development business	No	16.66
Anhui Guoyuan Trust Co., Ltd.	Anhui, China	Anhui, China	Other business	No	36.63
Dongguan Jiangpan New City Real Estate Development Co., Ltd.	Guangdong, China	Guangdong, China	Real estate investment and development business	No	30.00
Baotou China Overseas Hongyang Real Estate Co., Ltd.	Neimenggu, China	Neimenggu, China	Real estate investment and development business	No	20.00
Dongguan Wanhong Real Estate Co., Ltd.	Guangdong, China	Guangdong, China	Real estate investment and development business	No	20.00
Haikou Tuoyi Real Estate Co., Ltd.	Hainan, China	Hainan, China	Real estate investment and development business	No	20.00
Suzhou City Wanqiao District Pioneer Cultural and Educational Construction Co., Ltd. (Note 2)	Anhui, China	Anhui, China	Other business	No	10.00
Wenzhou CSCEC Steel Structure Olympia Project Management Co., Ltd. (Note 2)	Zhejiang, China	Zhejiang, China	Infrastructure construction business	No	15.00
Liuzhou China Construction Steel Structure Dongcheng Exhibition Construction Co., Ltd.	Guangxi, China	Guangxi, China	Infrastructure construction business	No	40.00
Nanjing Jinlingyi Cultural Tourism Development Co., Ltd.	Jiangsu, China	Jiangsu, China	Other business	No	30.00

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (continued) (Note 3)					
Liuzhou CSCEC Steel Structure Ecological Garden Construction Co., Ltd.	Guangxi, China	Guangxi, China	Infrastructure construction business	No	20.00
Suining East Lake Bishui Environmental Investment Construction Co., Ltd.	Sichuan, China	Sichuan, China	Other business	No	39.00
Zhangzhou Zhanhuan Environmental Technology Co., Ltd. (Note 2)	Fujian, China	Fujian, China	Other business	No	19.00
Chengdu Chuantou Airport Construction Co., Ltd.	Sichuan, China	Sichuan, China	Infrastructure construction business	No	20.00
China Construction Third Engineering Bureau Xiangyang Fancheng Green Ring Road and Park Construction Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Infrastructure construction business	No	16.00
Taizhong Bank Railway Co., Ltd. (Note 2)	Shaanxi, China	Shaanxi, China	Infrastructure construction business	No	7.24
Taizhou Luqiao Xindao Investment and Development Co., Ltd. (Note 2)	Zhejiang, China	Zhejiang, China	Other business	No	10.00
China Construction Third Engineering Bureau Xiangyang Yuliangzhou Ecological Construction Operation Co., Ltd.	Hubei, China	Hubei, China	Other business	No	45.00
Guangzhou Bisen Real Estate Development Co., Ltd. (Note 2)	Guangdong, China	Guangdong, China	Real estate investment and development business	No	14.28
Haizhou Investment Co., Ltd.	Hong Kong, China	Hong Kong, China	Other business	No	49.00
Baoding CSCEC Xingye Investment Co., Ltd. (Note 2) (Note 5)	Hebei, China	Hebei, China	Infrastructure construction business	No	15.00
Zhangzhou China Merchants Steamship Company Economic Technology Area CSCEC Infrastructure Investment Development Co., Ltd.	Fujian, China	Fujian, China	Infrastructure construction business	No	20.10
Nanjing Guancheng Hengrui Real Estate Co., Ltd.	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	33.00
Rizhao China Construction Eighth Bureau culture and Technology Development Co., Ltd. (Note 2)	Shandong, China	Shandong, China	Infrastructure construction business	No	14.00
Wuhan Binjiang Infrastructure Construction and Development Co., Ltd.	Hubei, China	Hubei, China	Infrastructure construction business	No	35.00
Guangzhou Fangbai Intercity Rail Transit Co., Ltd.	Guangdong, China	Guangdong, China	Railway transportation	No	23.93
Chongqing Chengtuo Chaotianmen Project Management Co., Ltd. (Note 2)	Chongqing, China	Chongqing, China	Other business	No	10.00
Wuhan Optics Valley Science Island Construction and Development Co., Ltd. (Note 2)	Hubei, China	Hubei, China	Business service industry	No	50.00
Zhangjiawan Xinmao Investment Construction Co., Ltd.	Jiangsu, China	Jiangsu, China	Infrastructure construction business	No	20.00
Zhongshan Cuiheng New Area Water Conservancy Investment and Construction Co., Ltd. (Note 2)	Guangdong, China	Guangdong, China	Infrastructure construction business	No	63.00

Unit: RMB'000

X. Related party relationships and transactions (continued)

3. Joint ventures and associates (continued)

	Main place of business	Place of registration	Nature of business	Strategic to group activities	Shareholding ratio (%)
Associates (continued) (Note 3)					
Zhijiang Jianxin Municipal Engineering Construction Co., Ltd.	Hubei, China	Hubei, China	Housing construction business	No	40.00
Chongqing Derun Qihang Environmental Governance Co., Ltd. (Note 2)	Chongqing, China	Chongqing, China	Other business	No	15.75
Xi'an Chufeng Construction Co., Ltd.	Shaanxi, China	Shaanxi, China	Business service industry	No	20.00
Shijiazhuang Jiaotou Jinshi Expressway Construction Management Co., Ltd.	Nationwide	Hebei, China	Civil engineering construction industry	No	49.00
Yuanjiang Three Gorges Water Environment Comprehensive Treatment Co., Ltd. (Note 2)	Hunan, China	Hunan, China	Other business	No	8.00
Xiangshui Huachen Yuanheng Real Estate Co., Ltd. (Note 2)	Jiangsu, China	Jiangsu, China	Real estate investment and development business	No	1.00
Zhongshan Public Utilities Sanlianwei Watershed Governance Co., Ltd.	Guangdong, China	Guangdong, China	Wholesale Business	No	40.00
Wuhan Runyuan Sewage Treatment Co., Ltd.	Hubei, China	Hubei, China	Retail Business	No	20.00
Xuchang CSCEC Vocational Education Park Development and Construction Co., Ltd. (Note 2)	Henan, China	Henan, China	Building decoration and other construction Business	No	10.00
Shanghai Fujin Real Estate Co., Ltd.	Shanghai, China	Shanghai, China	Real estate investment and development business	No	33.00
Fernvale Lane Pte Ltd.	Singapore	Singapore	Real estate investment and development business	No	20.00

Note 1: The Group's shareholding ratio in some of the aforementioned joint ventures is less than 50% or more than 50%. Major business decisions made by the board of directors of these companies or similar institutions can only be approved after the unanimous consent of all investors; or according to the provisions of the articles of association of these companies, major business decisions must be approved by representatives of more than two-thirds of the voting rights. These decisions can be passed only if the Group and other shareholders agree unanimously. The Group has no substantial control over these companies, so these companies are accounted for as joint ventures.

Note 2: For invested companies with a shareholding ratio of less than 20%, the Group has the right to participate in their business decision-making by appointing directors to the board of directors of these companies, and has a significant influence; for invested companies with a shareholding ratio of not less than 50%, According to the provisions of the articles of association of these companies on the decision-making mechanism for major operations and financial decisions, they cannot be controlled or jointly controlled, but the Group can only exercise significant influence. Therefore, these companies are accounted for as associates.

Note 3: The aforementioned joint ventures include joint ventures and their subsidiaries, and associates include associates and their subsidiaries.

Note 4: Due to the disposal of the equity of these companies this period, these companies were excluded from the scope of the consolidation and became associates since 30 June 2022.

Note 5: Due to the acquisition of Baoding CSCEC Xingye Investment Co., Ltd. this period, the Group has included it in the scope of consolidation since 30 June 2022.

X. Related party relationships and transactions (continued)

4. Other related parties

	Relationship with the group
CSCEC Electronic Commerce Co., Ltd.	Controlled by the same parent company
China Construction Ecological Environment Group Co., Ltd	Controlled by the same parent company
China construction Aluminum New materials Chengdu Co., Ltd.	Controlled by the same parent company
Beijing Hongde Materials Co., Ltd.	Controlled by the same parent company
Beijing Zhongyi Chengjian Property Management Co., Ltd	Controlled by the same parent company
China Construction Asset Management Co., Ltd.	Controlled by the same parent company
Chengdu CSCEC Minjiang River Construction Engineering Investment Co., Ltd	Controlled by the same parent company
CSCEC Huaneng Technology Co., Ltd	Controlled by the same parent company
China construction aluminum New materials Co., Ltd.	Controlled by the same parent company
China State Construction Property Management Co., Ltd.	Controlled by the same parent company
CSCEC Innovation Investment Co., Ltd. (formerly known as "Beijing CSCEC Qiming Enterprise Management Co., Ltd")	Controlled by the same parent company
CSCEC science and technology innovation (Shanghai) Investment Co., Ltd	Controlled by the same parent company
Liyang China Construction Water Co., Ltd.	Controlled by the same parent company
China Automobile Trade Co., Ltd	Controlled by the same parent company
Shanggang group Ruitai Development Co., Ltd.	Controlled by another shareholder of a subsidiary of the Group
Shanghai International Port (Group) Co., Ltd.	Controlled by another shareholder of a subsidiary of the Group

5. Major transactions between the Group and its related parties

(1) Related party goods and services transactions

Purchase of goods and accepting services from related parties

	Nature of the transaction	For the six-month period ending 30 June 2022	For the six-month period ending 30 June 2021 (restated)
CSCEC Electronic Commerce Co., Ltd.	Purchase of goods	1,120,078	1,255,366
Gangjiu Concrete Co., Ltd.	Purchase of goods	202,880	130,888
Anhui Guoyuan Investment Co., Ltd.	Purchase of goods	120,654	–
Sichuan Xijian Zhonghe Machinery Co., Ltd.	Purchase of goods	39,285	–
Zhengzhou Yirong Yijian Supply Chain Management Co., Ltd.	Purchase of goods	35,031	141,913
Sichuan Xijian Shantui Logistics Co., Ltd.	Purchase of goods	29,441	–
Dalian China Construction Sponge City Construction and Development Co., Ltd.	Purchase of goods	11,290	–
Others	Purchase of goods and Accepting services	4,836	36,887
Total		1,563,495	1,565,054

Unit: RMB'000

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)**

(2) Contract engineering and projects sub-contracted out

Contract engineering

	Nature of the transaction	For the six months ended June 30 2022	For the six months ended June 30 2021 (restated)
Jiqing High Speed Railway Co., Ltd.	Contract engineering	1,911,760	1,881,734
China Construction (Tianjin) Rail Transit Investment Development Co., Ltd.	Contract engineering	1,266,161	779,704
CCCC Jijiao Expressway Investment and Development Co., Ltd.	Contract engineering	1,197,030	909,756
Guizhou Leirong Expressway Investment Management Co., Ltd.	Contract engineering	1,004,751	2,206,682
Henan Zhongjian Municipal Construction Development Co., Ltd.	Contract engineering	976,811	1,066,214
Nantong Ring Expressway Co., Ltd.	Contract engineering	947,533	–
China Construction Wuhan Huangxiahe Airport River Water Environment Comprehensive Treatment Construction and Operation Co., Ltd.	Contract engineering	857,267	1,057,989
Wuhan Zhongjian Wudi Development and Construction Co., Ltd.	Contract engineering	820,718	354,893
China Construction Xi'an Urban Construction Investment Co., Ltd.	Contract engineering	732,908	2,067,133
Sichuan Dehui Expressway Co., Ltd.	Contract engineering	663,748	384,023
China Construction Xi'an Chanba Ecological Zone Construction Investment Co., Ltd.	Contract engineering	639,850	–
Xiamen International Trade Conference Center Co., Ltd.	Contract engineering	607,685	–
Urumqi Linkong Airport Construction and Operation Co., Ltd.	Contract engineering	606,530	–
Chengdu Changtuo Dongjin Construction Co., Ltd.	Contract engineering	532,999	629,615
Yunnan Huali Expressway Investment and Development Co., Ltd.	Contract engineering	490,607	735,890
Hebei Chenghong Pipe Gallery Engineering Co., Ltd.	Contract engineering	465,517	270,320
Henan Xuxin Expressway Co., Ltd.	Contract engineering	465,339	253,971
Shanwei Yuehai Qingyuan Environmental Protection Co., Ltd.	Contract engineering	462,305	–
Sanmenxia City National Highway 310 South Moving Project Construction Management Co., Ltd.	Contract engineering	451,218	888,443
Xiamen International Trade Exhibition Center Co., Ltd.	Contract engineering	444,037	–
Luzhou Yangtze River Second Bridge Construction Co., Ltd.	Contract engineering	442,229	201,009
Chongqing China Construction Second Horizontal Infrastructure Construction Co., Ltd.	Contract engineering	434,611	–
Hangzhou Urban Investment Wulin Investment Development Co., Ltd.	Contract engineering	426,799	425,334
Yantai Zhongda Xinhong Science and Education Investment Co., Ltd.	Contract engineering	408,110	–
Urumqi Linkong Construction Infrastructure Co., Ltd.	Contract engineering	354,048	318,031
Anhui Bangwu Expressway Investment Management Co., Ltd.	Contract engineering	344,629	306,785
Shangqiu Zhongjian Yuncheng Urban Construction Development Co., Ltd.	Contract engineering	336,379	291,649
Shanghai Chenggang Real Estate Co., Ltd.	Contract engineering	330,381	828
Guangzhou Fuchuang Real Estate Development Co., Ltd.	Contract engineering	314,636	403,450
Weihai China Construction Eighth Bureau Construction Development Co., Ltd.	Contract engineering	296,335	300,603

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(2) Contract engineering and projects sub-contracted out (continued)***Contract engineering (continued)*

	Nature of the transaction	For the six months ended June 30 2022	For the six months ended June 30 2021 (restated)
Foshan Urban Rail Transit Line 3 Development Co., Ltd.	Contract engineering	282,548	–
Xi'an Chuxin Investment Construction Co., Ltd.	Contract engineering	273,492	222,544
Zhuzhou Zhonghai Hongyang Real Estate Co., Ltd.	Contract engineering	263,787	–
Yongcheng Yunxiang Urban Construction Co., Ltd.	Contract engineering	259,044	41,747
China Construction Third Bureau Jingzhou Huanchang Lake Construction and Operation Co., Ltd.	Contract engineering	258,963	159,509
Shenzhen-Shantou Special Cooperation Zone Haigang New Town Investment and Construction Co., Ltd.	Contract engineering	249,719	435,931
Jiaozuo Zhongjian South-to-North Water Diversion Ecological Protection Construction and Operation Co., Ltd.	Contract engineering	242,061	136,332
Xiangyang Ring Road Speed-Up Reconstruction Construction and Operation Co., Ltd.	Contract engineering	241,900	258,194
Shantou China Construction New Urbanization Investment Co., Ltd.	Contract engineering	241,617	925,886
SIPG Ruitai Development Co., Ltd.	Contract engineering	235,903	–
Wuhan Hongtai Manulife China Construction Yipin Property Co., Ltd.	Contract engineering	234,710	218,486
Yantai Yuanxin Zhongda Investment Co., Ltd.	Contract engineering	223,635	–
Beijing Jianyan Real Estate Development Co., Ltd.	Contract engineering	221,993	61,189
Nanyang Zhongjian Jinrui Urban Construction Development Co., Ltd.	Contract engineering	219,740	219,539
Yantai Yuanxin Zhongda Investment Co., Ltd.	Contract engineering	218,743	–
Shenzhen Shenshan Special Cooperation Zone Zhongpu Infrastructure Investment Co., Ltd.	Contract engineering	217,219	65,498
Ezhou Culture and Sports Investment Construction Operation Co., Ltd.	Contract engineering	215,729	–
Nanjing China Construction Fifth Bureau Lishui Development Zone Affordable Housing Investment Co., Ltd.	Contract engineering	213,652	265,248
Jiangsu Susu Industrial Park Development Co., Ltd.	Contract engineering	211,798	–
Guigang Nine Roads and Two Bridges Construction Management Co., Ltd.	Contract engineering	205,409	114,805
China Construction New Urbanization (Xinjiang) Investment Co., Ltd.	Contract engineering	198,180	373,872
Liupanshui City Pipe Gallery Construction Development Investment Co., Ltd.	Contract engineering	193,893	–
Qingdao Fangqian Real Estate Co., Ltd.	Contract engineering	192,754	118,645
Foshan China Construction Yipin Pengyue Real Estate Co., Ltd.	Contract engineering	175,155	32,878
Shanghai Lingang New Area Jingang Dongjiu Real Estate Co., Ltd.	Contract engineering	173,614	29,040
Beijing Chenxing International Exhibition Co., Ltd.	Contract engineering	170,790	–
Hubei Communications Xiangyang North Expressway Co., Ltd.	Contract engineering	170,281	240,487
China Construction Third Bureau Xianning Dazhou Lake Ecological Construction Operation Co., Ltd.	Contract engineering	168,639	64,274

Unit: RMB'000

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(2) Contract engineering and projects sub-contracted out (continued)***Contract engineering (continued)*

	Nature of the transaction	For the six months ended June 30 2022	For the six months ended June 30 2021 (restated)
China Construction Third Bureau Shiyuan Boulevard Construction and Operation Co., Ltd.	Contract engineering	168,274	154,253
China Construction Wuhan Qingling Pipe Gallery Construction and Operation Co., Ltd.	Contract engineering	167,383	105,944
Hefei Binhu Financial Town Management Co., Ltd.	Contract engineering	159,439	143,406
Wuhan Wuyang Expressway Investment Management Co., Ltd.	Contract engineering	158,548	360,902
Hengshui JianHangang Expressway Management Co., Ltd.	Contract engineering	151,741	48,497
China Construction Wuhan Yangsigang Road and Bridge Construction and Operation Co., Ltd.	Contract engineering	149,727	51,449
Urumqi Zhongcheng Silk Road Sports Management Co., Ltd.	Contract engineering	148,742	326,503
Shanghai International Port (Group) Co., Ltd.	Contract engineering	147,057	244,413
Hengshui Construction Harbin Institute Project Management Co., Ltd.	Contract engineering	145,125	82,911
Guangxi Nanbin Highway Construction Development Co., Ltd.	Contract engineering	143,668	16,214
Wuhan Qianzishan Energy Co., Ltd.	Contract engineering	140,480	35,899
Guangzhou Star Travel Real Estate Development Co., Ltd.	Contract engineering	140,073	220,843
Wuhan Huangpi Three Gorges Water Environment Comprehensive Treatment Co., Ltd.	Contract engineering	137,335	–
Beijing Nanyue Real Estate Development Co., Ltd.	Contract engineering	135,653	162,360
China Construction Zhanjiang Avenue Investment and Construction Co., Ltd.	Contract engineering	135,443	394,410
Ganzhou Hangyu Construction Co., Ltd.	Contract engineering	130,350	274,189
Nanjing Zhongjian Rural Tourism Construction Investment Co., Ltd.	Contract engineering	128,995	105,880
China Construction Third Bureau Xiangyang Yuliangzhou Ecological Construction Operation Co., Ltd.	Contract engineering	128,285	178,937
Nanchang Economic and Technological Development Zone Three Gorges Phase I Water Environment Treatment Co., Ltd.	Contract engineering	126,719	–
Qingdao China Construction Eighth Bureau Urban Investment Development Co., Ltd.	Contract engineering	125,986	72,851
Zhengzhou Public Zhongcheng Road and Bridge Construction Management Co., Ltd.	Contract engineering	124,509	252,024
Guizhou Zhengxi Expressway Investment Management Co., Ltd.	Contract engineering	116,913	768,125
China Construction Third Bureau Shengshi Jingzhou Real Estate Development Co., Ltd.	Contract engineering	113,948	162,678
Zhengzhou Zhongjian Shenzhen Railway Transportation Co., Ltd.	Contract engineering	112,809	93,512
Fujian Minxin Environmental Development Co., Ltd.	Contract engineering	109,884	38,748
Yunnan Airport Construction Development Co., Ltd.	Contract engineering	109,314	–

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(2) Contract engineering and projects sub-contracted out (continued)***Contract engineering (continued)*

	Nature of the transaction	For the six months ended June 30 2022	For the six months ended June 30 2021 (restated)
Guangzhou Xinghong Real Estate Development Co., Ltd.	Contract engineering	108,993	2,970
China Construction Third Bureau Xiangyang East-West Axis Construction and Operation Co., Ltd.	Contract engineering	108,787	265,660
Rizhao China Construction Transportation Service Co., Ltd.	Contract engineering	108,464	10,453
Nanyang Fangzao Expressway Co., Ltd.	Contract engineering	104,440	–
China Construction Third Bureau Xiangyang Fanxi Pipe Gallery Construction and Operation Co., Ltd.	Contract engineering	104,094	3,860
Guangzhou Zengcheng North Enterprises Water Treatment Co., Ltd.	Contract engineering	100,031	–
Others	Contract engineering	5,890,157	13,394,565
Total		35,489,265	37,690,616

Projects sub-contracted out

	Nature of the transaction	For the six months ended 30 June 2022	For the six months ended 30 June 2021
CSCEC-Dacheng Construction Ltd.	projects sub-contracted out	392,727	377,739
CSCEC Road & Bridge Group Co., Ltd.	projects sub-contracted out	106,688	63,236
China State E-commerce Co., Ltd	projects sub-contracted out	48,355	46,373
Beijing China Construction Runlong Electrical Engineering Construction Co., Ltd.	projects sub-contracted out	31,820	5,988
China Construction Ecological Environment Group Co., Ltd.	projects sub-contracted out	8,019	19,431
Others		11,977	10,075
Total		599,586	522,842

(3) Related party leasing*As lessor*

	Types of leased assets	For the six months ended June 30 2022	For the six months ended June 30 2021
China Construction eco-environmental group Co., Ltd.	Office Building	1,084	178
China Construction e-commerce Co., Ltd.	Office Building	774	–
China Construction Property Management Co., Ltd.	Office Building	248	–
China Construction Group	Buildings	–	286
China construction Aluminum New materials Co., Ltd.	Office Building	–	187
Total		2,106	651

Unit: RMB'000

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(3) Related party leasing (continued)**

As lessee

For the six months ended 30 June 2022

	Types of leased assets	Simplified management of leased costs for short-term leased and low-value leased assets	Paid rent	Interest expense accepted on rental obligations	Increased use of legal remedies
Henan Zhongjian Municipal Construction Development Co., Ltd.	Renting of buildings and places	–	53,120	1,963	14,496
China Overseas Grand Oceans Group Ltd.	Renting of buildings and places	–	5,866	5,494	–
China Construction Aluminum New Materials Chengdu Co., Ltd.	Renting the place	38,252	29,250	–	–
Shandong Zhongcheng Machinery Leasing Co., Ltd.	Machinery equipment	145,166	142,757	462	–
Shanghai International Port (Group) Co., Ltd.	Renting of buildings and places	338	1,826	335	–
Hebei Xiong'an Citizen Service Center Co., Ltd.	Buildings	–	263	–	–
Beijing Hongde Materials Co., Ltd.	Buildings	96	165	17	–
Beijing Zhongyi Chengjian Property Management Co., Ltd.	Buildings	372	–	380	–
Shandong Zhongjian Zhongli Equipment Leasing Co., Ltd.	Machinery equipment	117,401	114,095	11	–
China State Construction Asset Management Limited	Buildings	2,699	2,834	24	–
Total		304,324	350,176	8,686	14,496

For the six months ended 30 June 2021 (restated)

	Types of leased assets	Simplified management of leased costs for short-term leased and low-value leased assets	Paid rent	Interest expense accepted on rental obligations	Increased use of legal remedies
China Construction Aluminum New Materials Chengdu Co., Ltd.	Materials	43,236	17,553	–	–
Sichuan xijianshantui Logistics Co., Ltd.	Transport equipment	31,645	36,897	–	–
Sichuan xijianzhonghe Machinery Co., Ltd.	Transport equipment	20,153	15,740	–	–
Shandong Zhongcheng Machinery Leasing Co., Ltd.	Machinery equipment	11,017	3,954	467	–
Beijing Zhongyi Chengjian Property Management Co., Ltd.	Buildings	194	12,829	1,120	–
Henan CSCEC Municipal Construction and Development Co., Ltd.	Buildings	–	32,332	2,479	13,311
Other	Office Building	5,928	8,093	474	1,459
Total		112,173	127,398	4,540	14,770

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(4) Related party guarantee**

Offering guarantee to related parties

As at 30 June 2022, the balances of guarantee to related parties offered by the Group:

	Amount of guarantee	Starting date of guarantee	Maturity date of guarantee	Whether the guarantee has been fulfilled
Guangzhou bison Real Estate Development Co., Ltd.	101,417	11 December 2018	8 December 2023	No
Qingdao Haijie Real Estate Co., Ltd.	139,673	7 June 2021	7 June 2024	No
Xiamen Haimao Real Estate Co., Ltd.	88,306	14 December 2021	13 December 2024	No
Xiamen Haimao Real Estate Co., Ltd.	62,097	17 December 2021	16 December 2024	No
Xiamen Haimao Real Estate Co., Ltd.	63,498	20 December 2021	20 December 2024	No
Chongqing Jiayi Real Estate Development Co., Ltd.	350,000	15 March 2022	15 March 2027	No
Chongqing Jiayi Real Estate Development Co., Ltd.	126,300	20 November 2020	20 November 2025	No
Infinite Sun Limited	1,178,839	4 December 2019	4 December 2024	No
Marble Edge Investments Limited	855,969	1 June 2020	1 December 2024	No
Dragon Star H.K. Investments Limited	962,493	27 July 2020	27 January 2025	No
Ultra Keen Holdings Limited	1,795,240	11 November 2020	30 October 2025	No
Grand Ample Ltd.	1,156,525	22 June 2021	22 June 2024	No
Asia Power Development Limited	1,125,269	27 May 2022	27 May 2026	No
Zhuzhou Zhonghai Hongyang Real Estate Co., Ltd.	360,000	31 March 2022	28 September 2027	No
Changsha Yida Chuangzhi Real Estate Development Co., Ltd.	191,590	20 April 2020	20 April 2026	No
Guangzhou Fuchuang Real Estate Development Co., Ltd.	874,650	5 August 2021	30 December 2024	No
Guangzhou Fuchuang Real Estate Development Co., Ltd.	510,000	28 December 2021	6 January 2030	No
Suzhou Dongfu Yongxu Real Estate Co., Ltd.	142,100	19 December 2021	18 December 2024	No
Suzhou Fuyuan Real Estate Co., Ltd.	195,500	29 December 2021	31 May 2024	No
Suzhou Fuyuan Real Estate Co., Ltd.	255,000	5 January 2021	4 January 2028	No
Fernvale Lane Pte Ltd.	156,814	4 June 2020	3 March 2025	No
Total	10,691,280			

As at 30 June 2021, the balances of guarantee to related parties offered by the Group:

	Amount of guarantee	Starting date of guarantee	Maturity date of guarantee	Whether the guarantee has been fulfilled
Guangzhou bison Real Estate Development Co., Ltd.	172,530	11 December 2018	31 December 2021	No
Guangzhou bison Real Estate Development Co., Ltd.	71,386	26 December 2018	25 December 2021	No
Guangzhou Lihe Real Estate Development Co., Ltd.	280,000	22 April 2019	21 April 2022	No
Guangzhou Lihe Real Estate Development Co., Ltd.	180,000	29 June 2020	28 June 2023	No
Guangzhou Ivrong Real Estate Development Co., Ltd.	192,090	13 November 2018	29 November 2021	No
Changsha Xirong Real Estate Co., Ltd.	125,070	1 July 2020	31 December 2021	No

Unit: RMB'000

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(4) Related party guarantee (continued)***Offering guarantee to related parties (continued)*

	Amount of guarantee	Starting date of guarantee	Maturity date of guarantee	Whether the guarantee has been fulfilled
Chongqing Jiayi Real Estate Development Co., Ltd.	131,300	20 November 2020	20 November 2025	No
Chongqing Jiayi Real Estate Development Co., Ltd.	25,500	9 February 2021	15 March 2022	No
Chongqing Jiayi Real Estate Development Co., Ltd.	32,500	16 March 2017	15 March 2022	No
Chongqing Jiayi Real Estate Development Co., Ltd.	135,150	14 April 2017	15 March 2022	No
Chongqing Jiayi Real Estate Development Co., Ltd.	22,350	21 March 2017	15 March 2022	No
Chongqing Jiayi Real Estate Development Co., Ltd.	175,000	5 July 2017	15 March 2022	No
Total	1,542,876			

(5) Inter bank loan of related parties*Capital borrowings*

For the six months ended 30 June 2022

	Borrowing amount	Starting date	Ending date
Shanghai Jiasheng Real Estate Development Co., Ltd.	98,000	19 January 2022	No fixed maturity date
Guiheng Investment Co., Ltd.	50,000	9 March 2022	31 December 2023
Jinmao Investment (Changsha) Co., Ltd.	36,000	29 March 2022	29 March 2023
Sanya Bihai Jincheng Business Management Co., Ltd.	25,500	29 June 2022	No fixed maturity date
hsing chuang enterprise co., ltd.	20,750	24 January 2022	No fixed maturity date
Leader Investment Co., Ltd.	10,386	18 June 2022	No fixed maturity date
China Resources Land (Taiyuan) Development Co., Ltd.	10,000	21 January 2022	No fixed maturity date
Xingui Investment Co., Ltd.	35	1 April 2022	31 July 2022
Total	250,671		

For the six months ended 30 June 2021

	Borrowing amount	Starting date	Ending date
Qingdao tengmao Real Estate Co., Ltd.	170,842	12 April 2021	11 April 2022
Jinmao investment (Changsha) Co., Ltd.	114,000	1 January 2021	24 June 2022
Qingdao Fangqian Real Estate Co., Ltd.	45,165	12 April 2021	11 April 2022
Qingdao Songmao Real Estate Co., Ltd.	42,071	12 April 2021	11 April 2022
Qingdao Caimao Real Estate Co., Ltd.	26,532	12 April 2021	11 April 2022
Qingdao Fangchuan Real Estate Co., Ltd.	24,301	12 April 2021	11 April 2022
Qingdao Fangchen Real Estate Co., Ltd.	19,800	12 April 2021	11 April 2022
Qingdao Fanghui Real Estate Co., Ltd.	12,600	12 April 2021	11 April 2022
Total	455,311		

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(5) Inter bank loan of related parties (continued)***Fund lent*

For the six months ended 30 June 2022

	Loan amount	Starting date	Ending date
Harbin Runzhi Real Estate Development Co., Ltd.	842,500	3 March 2022	3 March 2027
Tianjin Zhonghai Haixin Real Estate Co., Ltd.	513,984	30 April 2022	31 December 2022
Beijing Yijing Real Estate Co., Ltd.	479,898	20 June 2022	19 June 2023
Shanghai Jiasheng Real Estate Development Co., Ltd.	392,000	1 January 2022	No fixed maturity date
Xuchang Chenheng Real Estate Co., Ltd.	364,366	28 January 2022	13 December 2022
China Overseas Grand Oceans Group Ltd	322,243	22 June 2022	No fixed maturity date
Liuzhou Zhongjian Dongcheng Cultural Development Co., Ltd.	80,000	30 June 2022	6 July 2022
Nanyang Fangzao Expressway Co., Ltd.	50,000	13 May 2022	No fixed maturity date
Suzhou Star Investment Construction Development Co., Ltd.	38,614	1 January 2022	No fixed maturity date
Fuzhou Xinzhiyuan Investment Development Co., Ltd.	27,500	28 January 2022	No fixed maturity date
Putian Zhongjian Mulan Construction Development Co., Ltd.	20,000	18 March 2022	No fixed maturity date
China Overseas Grand Oceans Group Ltd	12,702	22 June 2022	No fixed maturity date
Wuhan Chenzhan Real Estate Development Co., Ltd.	10,800	2 April 2022	No fixed maturity date
Wuhan Chenfa Real Estate Development Co., Ltd.	8,400	1 May 2022	No fixed maturity date
Ezhou Chuanggu Real Estate Development Co., Ltd.	8,000	10 January 2022	13 January 2023
Guangzhou Xinghong Real Estate Development Co., Ltd.	4,951	30 June 2022	31 December 2022
China Construction Third Bureau Shengshi Jingzhou Real Estate Development Co., Ltd.	4,000	17 March 2022	30 June 2023
Guangzhou Star Travel Real Estate Development Co., Ltd.	3,998	29 June 2022	31 December 2022
Ezhou Chuanggu Real Estate Development Co., Ltd.	3,568	29 June 2022	31 December 2022
Putian Puyang Xuefu Construction Co., Ltd.	3,258	21 February 2022	No fixed maturity date
Xi'an Chuxin Investment Construction Co., Ltd.	1,138	19 April 2022	No fixed maturity date
China Construction Third Bureau Jingzhou Huanchang Lake Construction and Operation Co., Ltd.	1,061	25 March 2022	31 December 2022
Putian Puyang Xuefu Construction Co., Ltd.	591	25 April 2022	No fixed maturity date
Guangzhou Star Travel Real Estate Development Co., Ltd.	244	30 April 2022	31 December 2022
China Construction Third Bureau Shengshi Jingzhou Real Estate Development Co., Ltd.	165	29 June 2022	31 December 2022
Ezhou Chuanggu Real Estate Development Co., Ltd.	145	13 June 2022	31 December 2022
Guangzhou Xinghong Real Estate Development Co., Ltd.	123	30 April 2022	31 December 2022
China Overseas Grand Oceans Group Ltd	108	1 January 2022	31 December 2022
Suzhou Star Investment Construction Development Co., Ltd.	104	28 June 2022	31 December 2022
Total	3,194,461		

Unit: RMB'000

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(5) Inter bank loan of related parties (continued)***Fund lent (continued)*

For the six months ended 30 June 2021

	Loan amount	Starting date	Ending date
Haizhou Investment Co., Ltd.	3,183,040	7 January 2021	31 July 2021
Xiamen Haimao Real Estate Co., Ltd.	2,307,500	1 June 2021	31 December 2022
Chongqing Qingneng Yuehe Real Estate Co., Ltd.	204,779	20 April 2021	21 August 2022
Baoding China Construction Industrial Investment Co., Ltd.	183,569	6 April 2021	31 December 2021
Baoding China Construction Industrial Investment Co., Ltd.	180,250	6 April 2021	31 December 2021
Jinjiang Zhongyun Sports Construction Development Co., Ltd.	31,500	18 June 2021	No fixed maturity date
China construction aluminum new materials Chengdu Co., Ltd.	30,000	29 March 2021	28 March 2022
China Construction Environmental Energy Technology Co., Ltd.	26,000	11 May 2021	10 May 2022
Putian Puyang University Construction Co., Ltd.	22,900	7 January 2021	8 March 2034
Zhengzhou public Zhongcheng road and Bridge Construction Management Co., Ltd.	21,635	10 March 2021	9 March 2022
Suzhou Wujiang Taihai Real Estate Co., Ltd.	20,000	23 June 2021	22 June 2023
China Construction Environmental Energy Technology Co., Ltd.	20,000	15 June 2021	14 June 2022
Wuhan Chenfa Real Estate Development Co., Ltd.	14,000	30 April 2021	29 October 2021
Putian Jiangkou Suanxi CSCEC Strait Infrastructure Investment and Development Co., Ltd.	12,580	22 January 2021	No fixed maturity date
Wuhan Chenzhan Real Estate Development Co., Ltd.	10,800	28 June 2021	27 June 2022
China construction aluminum new materials Chengdu Co., Ltd.	10,000	26 May 2021	25 May 2022
China construction aluminum new materials Chengdu Co., Ltd.	10,000	29 June 2021	28 June 2022
Zhangzhou China Merchants Economic and Technological Development Zone China State Construction Infrastructure Investment and Development Co., Ltd.	8,000	26 March 2021	No fixed maturity date
Jinyu Jiaxing Nanjing Real Estate Development Co., Ltd.	6,000	28 January 2021	28 January 2024
Cangzhou CSCEC Bohai investment Logistics Park Construction Development Co., Ltd.	4,560	21 June 2021	20 September 2021
Nanjing Guancheng Hengrui Real Estate Co., Ltd.	3,533	1 January 2021	31 December 2021
Wuhan Chenzhan Real Estate Development Co., Ltd.	2,400	30 April 2021	29 October 2021
Wuhan Chenfa Real Estate Development Co., Ltd.	2,000	28 June 2021	27 June 2022
Total	6,315,046		

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(6) A takes deposits**

For the six months ended 30 June 2022

	1 January 2022	Increase in the current period	Decrease in the current period	30 June 2022
China Construction Group	364,014	6,020,533	(289,723)	6,094,824
CSCEC Electronic Commerce Co., Ltd.	1,933,025	3,245,660	(2,974,729)	2,203,956
China Construction Ecological Environment Group Co., Ltd.	599,702	925,231	(932,099)	592,834
Weihai China Construction Eighth Bureau Construction Development Co., Ltd.	–	185,214	(70,774)	114,440
Qingdao China Construction Eighth Bureau Airport Urban Construction Development Co., Ltd.	–	110,016	(3,037)	106,979
Qingdao China Construction Eighth Bureau Education Development Co., Ltd.	–	116,134	(14,202)	101,932
China Construction Innovation Investment Co., Ltd. (formerly known as “Beijing China Construction Qiming Enterprise Management Co., Ltd.”)	85,553	20,453	(11,099)	94,907
Qingdao China Construction Eighth Bureau Urban Investment Development Co., Ltd.	–	89,103	(12,660)	76,443
Chengdu CSCEC Minjiang Construction Engineering Investment Co., Ltd.	75,542	317	(8,578)	67,281
Rizhao China Construction Eighth Bureau Cultural Technology Development Co., Ltd.	–	60,036	(18)	60,018
CECSC (Shanghai) Investment Co., Ltd.	67,693	287	(14,257)	53,723
China construction aluminum new materials Co., Ltd.	44,026	25,101	(25,246)	43,881
China construction aluminum new materials Chengdu Co., Ltd.	15,276	129,054	(109,301)	35,029
China Construction Asset Management Co., Ltd.	6,359	29	(164)	6,224
Beijing Zhongyi Chengjian Property Management Co., Ltd.	3,465	8,706	(6,671)	5,500
China Construction Huaneng Technology Co., Ltd.	28,210	27,089	(53,529)	1,770
CSCEC-Dacheng Construction Ltd.	578	2	(144)	436
Nanjing Zhongjian Rural Tourism Construction Investment Co., Ltd.	721,071	436	(721,189)	318
Liyang China Construction Water Co., Ltd.	–	15,025	(14,843)	182
Nanjing Zhongjian Gubei Urban Development Co., Ltd.	569,449	115	(569,506)	58
China Construction Haoyun Co., Ltd.	78,903	72	(78,939)	36
Guangzhou Fuchuang Real Estate Development Co., Ltd.	25	400,000	(400,000)	25
Chongqing China Construction Second Horizontal Infrastructure Construction Co., Ltd.	2	–	–	2
Total	4,592,893	11,378,613	(6,310,708)	9,660,798

Unit: RMB'000

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(6) A takes deposits (continued)**

For the six months ended 30 June 2021 (restated)

	January 1, 2021	Increase in the current period	Decrease in the current period	June 30 2021
China State Construction Group	234,683	5,289,342	(366,813)	5,157,212
CSCEC Electronic Commerce Co., Ltd.	1,291,496	1,614,041	(1,287,156)	1,618,381
China Construction eco-environmental group Co., Ltd. (Formerly known as "China Construction Water Affairs Environmental Protection Co., Ltd.")	674,551	28,834	–	703,385
Beijing Zhongjian Qiming Enterprise Management Co., Ltd.	75,644	152,659	(182,225)	46,078
China Construction Environmental Energy Technology Co., Ltd.	2,000	142,063	(102,115)	41,948
China construction aluminum new materials Co., Ltd.	4,554	29,326	(23,534)	10,346
China construction aluminum new materials Chengdu Co., Ltd.	11,358	157,633	(159,256)	9,735
Chengdu CSCEC Minjiang Construction Engineering Investment Co., Ltd.	9,521	9,977	(10,949)	8,549
China State Construction Asset Management Co., Ltd.	5,848	14	–	5,862
China Construction Haoyun Co., Ltd.	595	2	–	597
China Automobile Material Trade Co., Ltd.	182	401	–	583
Nanjing Zhongjian Rural Tourism Construction Investment Co., Ltd.	298	199,999	(200,000)	297
Nanjing CSCEC Gubei Urban Development Co., Ltd.	172	160,000	(160,000)	172
CSCEC Dacheng Construction Co., Ltd.	365	15,669	(16,009)	25
Total	2,311,267	7,799,960	(2,508,057)	7,603,170

(7) Transfer of related parties assets

	Nature of the transaction	For the six months ended 30 June 2022	For the six months ended 30 June 2021
China Overseas Grand Oceans Group Ltd.	Trade mark use right	165,200	166,600

(8) Other related parties transactions

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Key management's remuneration	1,343	5,603

X. Related party relationships and transactions (continued)**5. Major transactions between the Group and its related parties (continued)****(8) Other related parties transactions (continued)**

The credit line of the Finance Company to the Group's affiliates as of 30 June 2022 is RMB19,700,000 thousand (31 December 2021: RMB24,270,000 thousand), the used credit line is RMB5,949,674 thousand (31 December 2021: RMB6,415,667 thousand), and the unused credit line is RMB13,750,326 thousand (31 December 2021: RMB17,854,333 thousand).

As at 30 June 2022, the amount of performance guarantee provided by the Finance Company to the group's affiliated parties is RMB17,913 thousand (31 December 2021: RMB31,424 thousand).

For the six months ended 30 June 2022, the total service fee charged by the Finance Company for providing other financial services to the group's affiliated parties is RMB2,221 thousand (For the six month ended 30 June 2021: RMB1,416 thousand).

6. Commitments of related parties

The following are the commitments of related parties that have been contracted at the balance sheet date and do not have to be set out on the balance sheet:

Providing construction services

	30 June 2022	31 December 2021
China State Construction (Tianjin) Rail Transit Investment and Development Co., Ltd	11,721,546	2,853,232
Nanjing Zhongjian Township Travel Construction Investment Co., Ltd	7,054,420	7,202,326
Guangxi Nanbin Highway Construction and Development Co., Ltd	4,640,015	4,872,764
Nanjing Zhongjian Gubei City Development Co., Ltd	4,550,661	4,667,314
Guizhou Leirong Expressway Investment Management Co., Ltd	3,915,559	5,023,796
Nanjing Jinlingyi Cultural Tourism Development Co., Ltd	3,399,646	3,823,407
Wuhan Binjiang Infrastructure Construction and Development Co., Ltd	2,839,640	2,923,438
Guangzhou Fangbai Intercity Rail Transit Co., Ltd	2,738,519	2,760,346
CCCC Jijiao Expressway Investment and Development Co., Ltd	2,705,747	5,165,760
Urumqi Linkong Airport Construction and Operation Co., Ltd	2,500,518	2,953,709
Changsha Zhongjian International High-speed Rail West Industrial City Investment Co., Ltd	2,407,207	2,469,282
Henan Xuxin Expressway Co., Ltd	2,289,690	2,755,030
Nanjing Kangyuan Real Estate Development Co., Ltd	2,260,744	2,324,671
Henan Zhongjian Municipal Construction And Development Co., Ltd	2,199,346	2,950,032
Hangzhou Chengtou Wulin Investment and Development Co., Ltd	2,162,557	2,260,170
Zhaotong China Construction Investment and Development Co., Ltd	1,912,638	1,907,262
Wuhan Chongjiang Real Estate Co., Ltd	1,885,322	–
Guangzhou Xinghong Real Estate Development Co., Ltd	1,752,875	1,823,330
Guangzhou Fuchuang Real Estate Development Co., Ltd	1,694,147	2,036,064
Chongqing Chengtou Chaotianmen Project Management Co., Ltd	1,594,401	1,620,946
Quanzhou Taiwan Investment Zone China Construction Fifth Bureau Bay Avenue Investment Co., Ltd	1,562,268	1,625,518

Unit: RMB'000

X. Related party relationships and transactions (continued)**6. Commitments of related parties (continued)**

Providing construction services (continued)

	30 June 2022	31 December 2021
Wuhan Optics Valley Science Island Construction and Development Co., Ltd	1,516,281	–
Yantai Zhongda Xinhong Science and Education Investment Co., Ltd	1,499,859	1,907,969
Shanghai Lingang New Area Jingang Dongjiu Real Estate Co., Ltd	1,466,608	1,613,015
Zhangjiagang Xinmao Investment and Construction Co., Ltd	1,450,581	1,523,168
Qingdao China Construction Eighth Bureau Airport City Construction Development Co., Ltd	1,410,907	1,612,307
China State Construction New Urbanization (Xinjiang) Investment Co., Ltd	1,373,364	1,416,360
Fuqing Zhongjian Ronghai Construction and Development Co., Ltd	1,310,565	1,370,613
Guangzhou Star Travel Real Estate Development Co., Ltd	1,302,551	1,396,714
China Construction Third Bureau Ezhou Guang'an Real Estate Development Co., Ltd	1,266,264	1,289,730
Guigang City Ninth Road And Two Bridges Construction Management Co., Ltd	1,263,829	1,481,295
Sichuan Dehui Expressway Co., Ltd	1,250,217	2,081,383
Rizhao China Construction Eighth Bureau Transportation Facilities Service Co., Ltd	1,226,914	1,320,753
Nanyang Fangzao Expressway Co., Ltd	1,215,959	1,281,771
China Construction Third Bureau Jingzhou Huanchang Lake Construction and Operation Co., Ltd	1,207,596	1,466,559
Chongqing Zhongjian Erheng Line Infrastructure Construction Co., Ltd	1,198,639	1,822,885
China Construction Third Bureau Shengshi Jingzhou Real Estate Development Co., Ltd	1,194,454	1,308,401
Foshan Zhongjian Yipin Pengyue Real Estate Co., Ltd	1,191,368	1,366,524
Jiangsu Susu Industrial Park Development Co., Ltd	1,157,140	1,388,000
Zhongshan Cuiheng New Area Water Conservancy Investment and Construction Co., Ltd	1,147,326	1,236,929
China Construction Third Bureau Xianning Dazhou Lake Ecological Construction and Operation Co., Ltd	1,137,719	1,306,357
Anhui Bengwu Expressway Investment Management Co., Ltd	1,104,989	1,164,467
Zhijiang Jianxin Municipal Engineering Construction Co., Ltd	1,065,024	1,130,431
Nanjing China Construction Fifth Bureau Lishui Development Zone Affordable Housing Investment Co., Ltd	992,437	1,206,089
China State Construction International (Xiangyang) Construction Co., Ltd	992,175	1,011,844
Nanyang Zhongjian Jinrui Urban Construction Development Co., Ltd	970,197	1,189,937
Chongqing Derun Qihang Environmental Governance Co., Ltd	931,754	931,757
Zhuzhou Zhonghai Real Estate Co., Ltd	852,771	1,140,299

X. Related party relationships and transactions (continued)**6. Commitments of related parties (continued)**

Providing construction services (continued)

	30 June 2022	31 December 2021
Zhangzhou China Merchants Economic and Technological Development Zone China Construction Infrastructure Investment and Development Co., Ltd	844,098	847,949
Chengdu Sichuan Investment Airport Construction Co., Ltd	837,163	903,852
Xi'an Chuxin Investment and Construction Co., Ltd	800,405	1,023,714
China State Construction Wuhan Huangxiaohu Airport River Water Environment Comprehensive Treatment Construction and Operation Co., Ltd	772,150	1,352,720
Fujian Minxin Environmental Development Co., Ltd	770,808	880,691
Zhangzhou Zhanyuan Environmental Technology Co., Ltd	751,417	777,452
Xi'an Chufeng Construction Co., Ltd	720,292	720,292
Ezhou Zhongjian Yipin Lanyue Real Estate Co., Ltd	715,428	757,124
Yantai Yuanxin Zhongda Investment Co., Ltd	709,305	–
Xiangyang Ring Road Speed-up Renovation Construction and Operation Co., Ltd	706,478	948,379
Hengyang Lingsheng Real Estate Co., Ltd	675,727	747,609
Changsha Zhongjian International Development Co., Ltd	641,934	714,145
Shijiazhuang Jiaotou Jinshi Expressway Construction Management Co., Ltd	638,936	639,136
Luzhou Yangtze River Second Bridge Construction Co., Ltd	612,391	1,054,619
Beijing Xingying Real Estate Co., Ltd	589,897	662,294
Shangqiu Zhongjian Yuncheng Urban Construction Development Co., Ltd	579,551	850,495
Yuanjiang Three Gorges Water Environment Comprehensive Treatment Co., Ltd	537,289	608,981
Xuchang Chenheng Real Estate Co., Ltd	518,239	539,915
Changsha Yida Chuangzhi Real Estate Development Co., Ltd	516,071	527,158
Xiangshui Huachen Yuanheng Real Estate Co., Ltd	468,831	468,831
Chongqing Water Affairs Group Shalu Environmental Governance Co., Ltd	462,787	558,297
Fuyang Three Gorges Phase I Water Environment Comprehensive Treatment Co., Ltd	455,938	–
Pingxiang Jianyu Real Estate Co., Ltd	450,485	459,259
Hengshui JianhaYuan Project Management Co., Ltd	433,138	578,263
Others	13,724,888	36,195,299
Total	129,418,600	152,800,428

Unit: RMB'000

X. Related party relationships and transactions (continued)**7. Amounts due from related parties**

(1) Notes receivable

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Qingdao Fangqian Real Estate Co., Ltd.	165,539	(662)	171,009	(684)
Qingdao Fangchen Real Estate Co., Ltd.	31,352	(125)	267	(1)
Qingdao Fanghui Real Estate Co., Ltd.	23,171	(93)	1,737	(7)
Chongqing Jinke Zhaoji Real Estate Development Co., Ltd.	22,936	(92)	–	–
Qingdao Maozhang Real Estate Co., Ltd.	22,520	(90)	3,000	(12)
China Construction Ecological Environment Group Co., Ltd.	6,143	–	25,150	–
Others	400	(2)	88,750	(8)
Total	272,061	(1,064)	289,913	(712)

(2) Accounts receivable

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Henan Zhongjian Municipal Construction And Development Co., Ltd.	1,479,384	(61,657)	1,290,910	(48,899)
Guizhou Leirong Expressway Investment Management Co., Ltd.	995,251	(44,786)	1,395,835	(62,370)
China State Construction New Urbanization (Xinjiang) Investment Co., Ltd.	541,222	(58,136)	694,566	(39,453)
China Construction Ecological Environment Group Co., Ltd.	541,136	–	618,224	–
China Construction Xi'an Chanba Ecological Zone Construction Investment Co., Ltd.	484,085	(28,631)	443,816	(16,858)
China State Construction Xi'an Infrastructure Construction Investment Co., Ltd.	415,674	(88,503)	529,992	(95,982)
Shanggang group Ruitai Development Co., Ltd.	387,652	(57,390)	282,172	(55,379)
Zhaotong China Construction Investment and Development Co., Ltd	382,186	(114,656)	440,186	(132,056)
Chongqing Zhongjian Erhengxian Infrastructure Construction Co., Ltd	362,505	(7,253)	7,669	(153)
Chengdu Changtou Dongjin Construction Co., Ltd.	344,014	(6,880)	296	(6)
China Construction (Tangshan Caofeidian) Engineering Construction Co., Ltd.	325,670	(48,851)	689,697	(44,486)
Xuzhou Line 1 Rail Transit Investment and Development Co., Ltd	302,457	(101,972)	304,528	(56,996)

X. Related party relationships and transactions (continued)**7. Amounts due from related parties (continued)**

(2) Accounts receivable (continued)

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Yongcheng Yunxiang City Construction Co., Ltd.	257,990	(5,160)	–	–
Jiqing High-Speed Railway Co., Ltd	242,173	(13,413)	240,048	(12,520)
Wuhan CSCEC Wudi Development Construction Co., Ltd.	234,080	(10,534)	15,509	(698)
Shanwei Yuehai Qingyuan Environmental Protection Co., Ltd.	233,418	(11,274)	160,230	(6,182)
Liupanshui urban pipe gallery construction and Development Investment Co., Ltd.	209,819	(63,155)	–	–
Anhui Bengwu Expressway Investment Management Co., Ltd.	195,714	(13,790)	119,507	(6,187)
Zhongshan Shenshui Environmental Water Co., Ltd.	194,712	(11,645)	–	–
Cangzhou CSCEC Bohai investment Logistics Park Construction Development Co., Ltd.	146,521	(53,243)	146,521	(29,304)
Shantou CSCEC new urbanization Investment Co., Ltd.	137,200	(6,174)	199,051	(8,957)
Cangzhou Bohai New Area Zhongjian Port Construction Management Co., Ltd.	133,455	(67,706)	131,499	(65,750)
Xuzhou San line rail transit investment and development Co., Ltd.	123,820	(24,279)	120,689	(24,138)
Hebei Xiong'an Citizen Service Center Co., Ltd.	116,764	(5,254)	4	–
Yunnan Airport Construction and Development Co., Ltd.	111,401	(2,396)	–	–
Shangqiu Yunheng City Construction and Development Co., Ltd.	103,782	(2,486)	–	–
CSCEC Transportation Construction Linfen Jinhe Roads and Bridges Engineering Co., Ltd.	103,052	(30,944)	103,052	(26,547)
Zhoukou Xintong City Construction and Development Co., Ltd.	102,094	(2,042)	28,059	(1,263)
Dazhou Dahuan Construction Management Co., Ltd.	98,299	(14,745)	98,299	(14,745)
Mianyang Zhongjian Kefa Guanlang road investment and Construction Co., Ltd. (Note 1)	97,756	(7,776)	61,395	(3,388)
Chongqing Water Affairs Group Shalu Environmental Governance Co., Ltd.	94,124	(4,078)	68,924	(3,102)
Foshan Urban Rail Transit Line 3 Development Co., Ltd.	90,557	(6,062)	–	–
Shanghai International Port (Group) Co., Ltd.	86,516	(7,540)	86,016	(7,010)
CSCEC Xi'an City Construction Investment Co., Ltd.	72,522	(3,264)	521	(22)
China Construction Steel Structure Wuhan Caidian Construction Engineering Co., Ltd.	60,000	(2,700)	66,587	(2,996)
Duyun Galaxy Real Estate Development Co., Ltd.	56,092	(13,839)	56,092	(7,115)

Unit: RMB'000

X. Related party relationships and transactions (continued)**7. Amounts due from related parties (continued)**

(2) Accounts receivable (continued)

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Zhongshan Public Civil Sanlianwei Watershed Management Co., Ltd.	56,001	(2,520)	–	–
China Construction Jingmen 207 Highway Construction Co., Ltd.	53,149	(1,511)	14,119	(635)
Yinchuan Shenyang Road Underground Comprehensive Pipe Corridor Construction Management Co., Ltd.	51,278	(3,233)	67,278	(8,017)
Hanzhong Zhongjian Pipe Gallery Construction and Development Co., Ltd.	50,808	(1,906)	26,251	(1,211)
China Construction Haoyun Co., Ltd.	49,883	(1,054)	46,642	(967)
Shanghai Lingang New District Jingang Dongjiu Real Estate Co., Ltd	47,603	(2,142)	894	(40)
China Construction (Tianjin) Rail Transit Investment Development Co., Ltd.	47,213	(2,125)	2,611	(202)
Qingyang Zhongjian Yuanqing Highway Construction Management Co., Ltd.	45,997	(3,363)	7,874	(755)
Wuhan Huangpi Three Gorges Water Environment Comprehensive Treatment Co., Ltd.	45,228	(2,035)	16,337	(735)
Suzhou Yongqiao District Pioneer Culture and Education Construction Co., Ltd.	44,250	(1,991)	13,235	(596)
Wuhan Runyuan Sewage Treatment Co., Ltd.	43,837	(8,600)	43,000	(4,300)
Xuchang Zhongjian Vocational Education Park Development and Construction Co., Ltd.	43,700	(1,966)	2,583	(258)
Qingdao China Construction Eighth Bureau Education Development Co., Ltd.	42,864	(1,827)	1,874	(37)
Shanghai Fujin Real Estate Co., Ltd.	42,792	(856)	46,776	(936)
Liyang China Construction Water Co., Ltd.	39,812	–	59,812	–
Hebei Chenghong Pipelines Engineering Co.,Ltd. (Note 2)	39,808	(2,964)	29,010	(4,338)
CSCEC Wuhan Qingling pipe gallery construction and Operation Co., Ltd.	39,022	(1,756)	–	–
China Construction Third Bureau Shiyuan Boulevard Construction and Operation Co., Ltd.	38,521	(2,934)	–	–
Zhengzhou Public Utilities Zhongcheng Road and Bridge Construction Management Co., Ltd.	37,659	(753)	2,032	(91)
China Construction Third Engineering Bureau Jingzhou Huanchang Lake construction and Operation Co., Ltd.	36,909	(2,881)	–	–
China Construction Third Bureau Shengshi Jingzhou Real Estate Development Co., Ltd.	36,629	(733)	342	(34)

X. Related party relationships and transactions (continued)**7. Amounts due from related parties (continued)**

(2) Accounts receivable (continued)

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
CSCEC Wuhan yangsigang road and bridge construction and Operation Co., Ltd.	35,397	(2,793)	–	–
Shijiazhuang Jiaojian Expressway Construction Management Co., Ltd	–	–	392,860	(138,630)
China State Construction International (Xiangyang) Construction Co., Ltd	–	–	234,716	–
Changsha Zhongjian International Development Co., Ltd.	–	–	190,767	–
Putian Haijia Real Estate Co., Ltd.	–	–	178,016	–
Others	1,057,790	(107,074)	1,808,737	(41,152)
Total	11,889,247	(1,159,231)	11,585,660	(975,496)

(3) Other receivables

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
China Construction Third Bureau Ezhou Guang'an Real Estate Development Co., Ltd.	1,582,874	(126,630)	1,584,775	(122,377)
Suzhou Fuyuan Real Estate Co., Ltd.	680,342	(40,605)	626,726	(40,275)
Guangzhou Fuchuang Real Estate Development Co., Ltd.	532,951	(41,519)	926,360	(36,807)
Panzhuhua Zhongjian Third Bureau Government Service Center Project Construction and Development Co., Ltd.	330,998	(382)	98,289	(98)
Henan Zhongjian Municipal Construction And Development Co., Ltd.	252,412	(39,152)	231,265	(31,383)
Zhengzhou Yirong Yijian Supply Chain Management Co., Ltd.	232,292	(19,662)	139,231	(7,358)
China Construction Industry and Finance Investment Management (Tianjin) Co., Ltd.	173,063	(8,533)	1,999	(160)
Wuhan Chongjiang Real Estate Co., Ltd.	118,610	(4,744)	45,194	(1,808)
Qingyang Zhongjian Yuanqing Highway Construction Management Co., Ltd.	116,004	(4,696)	33,767	(1,351)
China Construction Third Engineering Bureau Nanchong Environmental Construction Investment Co., Ltd.	112,185	(104)	–	–

Unit: RMB'000

X. Related party relationships and transactions (continued)**7. Amounts due from related parties (continued)**

(3) Other receivables (continued)

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Guizhou Zhengxi Expressway Investment Management Co., Ltd.	108,714	(5,914)	76,868	(3,134)
Liupanshui City Pipe Corridor Construction and Development Investment Co., Ltd.	94,113	(5,391)	58,453	(3,165)
Suzhou Junda National Highway 206 Construction Co., Ltd.	91,804	(21,856)	91,804	(13,566)
Liuzhou Zhongjian Dongcheng Cultural Development Co., Ltd.	85,920	(337)	4,284	(234)
Xiamen Haitou Construction Technology Co., Ltd.	74,250	(9,653)	74,250	(5,198)
Dongguan Zhonghai Century City Education Technology Development Co., Ltd.	69,064	(5,733)	108,986	(13,717)
Shanghai Fuda Real Estate Co., Ltd.	68,393	(2,736)	–	–
Urumqi Linkong Airport Construction and Operation Co., Ltd.	61,924	(4,229)	57,981	(4,085)
Shantou China Construction New Urbanization Investment Co., Ltd.	53,915	(21,208)	53,365	(15,894)
CCCC Jijiao Expressway Investment and Development Co., Ltd.	51,858	(1,825)	64,408	(3,751)
Rizhao China Construction Transportation Service Co., Ltd.	50,000	(15,000)	50,000	(10,000)
Ezhou Zhongjian Yipin Lanyue Real Estate Co., Ltd.	49,622	(1,985)	34,181	(1,367)
Henan Xuxin Expressway Co., Ltd.	46,224	(1,849)	6,550	(262)
China Construction Road and Bridge Group Co., Ltd.	39,074	(6,920)	48,044	(6,905)
Suzhou Star Investment Construction Development Co., Ltd.	38,718	(38,617)	–	–
China Construction Third Bureau Shengshi Jingzhou Real Estate Development Co., Ltd.	36,906	(2,675)	32,741	(1,310)
China Construction Technology Jingmen Co., Ltd.	31,421	(1,257)	62,135	(2,485)
Other	481,346	(31,964)	1,149,556	(68,627)
Total	5,664,997	(465,176)	5,661,212	(395,317)

X. Related party relationships and transactions (continued)**7. Amounts due from related parties (continued)**

(4) Contract assets

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Guizhou Zhengxi Expressway Investment Management Co., Ltd	1,070,372	(4,482)	1,017,703	(4,230)
Henan Zhongjian Municipal Construction And Development Co., Ltd	760,569	(4,401)	905,476	(4,101)
Sanmenxia City National Highway 310 Southward Moving Project Construction Management Co., Ltd	540,748	(5,487)	441,281	(5,013)
Shantou Zhongjian New Urbanization Investment Co., Ltd	437,332	(1,375)	443,005	(1,337)
Shangqiu Zhongjian Yuncheng Urban Construction Development Co., Ltd	397,015	(2,015)	164,841	(763)
Hebei Chenghong Pipe Gallery Engineering Co., Ltd	341,994	(5,931)	36,399	(6,612)
Anhui Bengwu Expressway Investment Management Co., Ltd	272,374	(1,399)	93,630	(3,747)
Zunyi South Ring Expressway Development Co., Ltd	265,680	(1,112)	272,121	(1,105)
Foshan Urban Rail Transit Line 3 Development Co., Ltd	253,929	(991)	–	–
Mianyang Zhongjian Kefa Pipe Gallery Road Investment and Construction Co., Ltd	225,852	(1,153)	244,406	(1,280)
Jiqing High-Speed Railway Co., Ltd	190,649	(815)	155,296	(1,008)
China State Construction New Urbanization (Xinjiang) Investment Co., Ltd	188,542	(708)	156,622	(643)
CCCC Jijiao Expressway Investment and Development Co., Ltd	175,722	(1,839)	33,463	(681)
Liupanshui City Pipe Corridor Construction and Development Investment Co., Ltd	166,749	(557)	165,225	(549)
China Construction Haoyun Co., Ltd	151,307	(617)	137,018	(570)
Hubei Jiaotong Xiangyang North Expressway Co., Ltd	123,329	(681)	5,543	(258)
Hebei Xiong'an Citizen Service Center Co., Ltd	122,139	(503)	473,475	(2,367)
Zhongshan Deepwater Environmental Water Co., Ltd	119,627	(598)	38,912	(195)
SIPG Rite-Hite Development Co., Ltd	113,966	(473)	52,430	(359)
China Construction Third Bureau Jingzhou Huanchang Lake Construction and Operation Co., Ltd	111,480	(453)	489	(489)
Henan Xuxin Expressway Co., Ltd	106,709	(745)	17,799	(110)
Xiamen International Trade Exhibition Center Co., Ltd	100,532	(503)	18,040	(90)
Hengshui Jian handan port expressway management co., LTD	100,414	(502)	–	–
China Construction Third Bureau Shengshi Jingzhou Real Estate Development Co., Ltd	98,678	(669)	47,863	(542)

Unit: RMB'000

X. Related party relationships and transactions (continued)**7. Amounts due from related parties (continued)**

(4) Contract assets (continued)

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Zhengzhou Public Utilities Zhongcheng Road and Bridge Construction Management Co., Ltd	97,608	(320)	67,189	(209)
Suzhou Junda National Highway 206 Construction Co., Ltd	95,173	(773)	116,043	(864)
China Construction Third Bureau Rong Chang Chengdu Tianfu New Area Construction Investment Co., Ltd	94,669	(349)	70,387	(228)
Yinchuan Shenyang Road Underground Comprehensive Pipe Corridor Construction Management Co., Ltd	90,900	(334)	80,934	(284)
Xiamen International Trade Conference Center Co., Ltd	84,858	(424)	–	–
Panjin Xinjian Construction Co., Ltd	82,993	(47,881)	66,313	(47,798)
Foshan Zhongjian Yipin Pengyue Real Estate Co., Ltd	81,567	(408)	29,590	(148)
Beijing Chenxing International Convention and Exhibition Co., Ltd	79,096	(389)	–	–
Suzhou Xinghui West Ring Road Construction Co., Ltd	76,744	(383)	67,743	(227)
China State Construction Wuhan Yangsigang Road and Bridge Construction and Operation Co., Ltd	73,499	(270)	239	(239)
Ganzhou Jingdao Construction Engineering Co., Ltd	70,646	(352)	25,645	(127)
China Construction Third Bureau Yichang City Pipe Corridor Construction and Operation Co., Ltd	69,700	(314)	8,668	(30)
Beijing Jianyan Real Estate Development Co., Ltd	67,471	(278)	37,556	(188)
Chengdu Changtuo Dongjin Construction Co., Ltd	66,539	(338)	21,207	(280)
Chongqing Jinke Zhaoji Real Estate Development Co., Ltd	63,642	(279)	69,420	(262)
China Construction Ecological Environment Group Co., Ltd	61,450	–	61,375	–
Haikou Qiyue City Construction Co., Ltd	59,068	(387)	85,677	(402)
China State Construction Wuhan Huangxiahe Airport River Water Environment Comprehensive Treatment Construction and Operation Co., Ltd	58,475	(3,425)	89,824	(4,082)
China Construction Steel Structure Wuhan Caidian Construction Engineering Co., Ltd	56,096	(168)	56,096	(168)
Beijing Nanyue Real Estate Development Co., Ltd	54,931	(315)	25,558	(117)
Xinjiang Zhongjian City Construction Investment Co., Ltd	54,567	(325)	25,491	(268)
China Construction Zhanjiang Avenue Investment and Construction Co., Ltd.	53,587	(385)	6,174	(147)
China Construction Third Engineering Bureau Shiyan Hangkong Road Construction and Operation Co., Ltd.	53,132	(177)	–	–

X. Related party relationships and transactions (continued)**7. Amounts due from related parties (continued)**

(4) Contract assets (continued)

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Wuhan Chenfa Real Estate Development Co., Ltd.	52,738	–	2,034	(10)
Hengyang Lingsheng Real Estate Co., Ltd.	50,962	(229)	27,104	(134)
Cangzhou Zhongjian Bohai Investment Logistics Park Construction and Development Co., Ltd.	48,196	(170)	48,197	(206)
Putian Zhongjian Mulan Construction Development Co., Ltd.	46,390	(174)	27,044	(81)
Wuhan Anhe Shengtai Real Estate Development Co., Ltd.	46,299	(176)	10,857	(33)
Qingdao China Construction Eighth Bureau Airport Urban Construction Development Co., Ltd.	45,733	(206)	610	(3)
Other	1,608,633	(87,192)	1,821,524	(58,637)
Total	9,981,070	(184,430)	7,869,536	(151,221)

(5) Other current assets

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
China State Construction Engineering Corporation	4,700,000	(138,180)	4,700,000	(138,180)
Xiamen Haimao Real Estate Co., Ltd	2,374,253	–	2,964,736	–
Tianjin Chuangqing Investment Management Co., Ltd.	1,099,940	(306,463)	334,050	–
Harbin Runzhi Real Estate Development Co., Ltd.	897,662	–	2,414,941	–
China Overseas Grand Oceans Group Ltd.	896,240	–	564,887	–
Xuchang Chenheng Real Estate Co., Ltd.	848,589	–	572,437	–
Tongxiang Haoli Enterprise Management Co., Ltd.	796,840	(261,406)	1,613,446	–
Xinggui Investment Co., Ltd.	784,510	–	756,929	–
Xuancheng Haijia Lancheng Real Estate Co., Ltd	691,914	–	493,151	–
China State Construction Xi'an Infrastructure Construction Investment Co., Ltd	574,480	(97,046)	574,480	(64,183)
Changchun Hairun Rongcheng Real Estate Development Co., Ltd	563,888	–	538,350	–
Tianjin Zhonghai Haixin Real Estate Co., Ltd	517,377	–	–	–
Suzhou Wujiang Taihai Real Estate Co., Ltd	508,586	–	476,929	–
Anhui Bengwu Expressway Investment Management Co., Ltd	463,592	–	–	–
Tianjin Chuangliang Investment Management Co., Ltd	449,216	(219,450)	449,216	–
Shanghai Jiasheng Real Estate Development Co., Ltd	392,000	–	–	–

Unit: RMB'000

X. Related party relationships and transaction (continued)**7. Amounts due from related parties (continued)**

(5) Other current assets (continued)

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
MMS Development Limited	352,569	–	488,767	–
Jinjiang Zhongyun Sports Construction and Development Co., Ltd	307,000	–	307,000	–
Jinyu Jiaxing Nanjing Real Estate Development Co., Ltd	300,000	(14,400)	300,000	(14,400)
Guizhou Zhengxi Expressway Investment Management Co., Ltd	266,276	–	237,672	–
Tianjin Shunji Real Estate Co., Ltd	257,668	(66,834)	263,668	(68,934)
Beijing Yijing Real Estate Co., Ltd	230,898	–	–	–
Guangzhou Suihai Real Estate Co., Ltd	220,116	–	–	–
Suzhou Dongfu Yongxu Real Estate Co., Ltd	164,290	(13,143)	301,490	(12,060)
Zhuzhou Zhonghai Hongyang Real Estate Co., Ltd	156,292	–	–	–
Tianjin Wanjiang Real Estate Co., Ltd	115,604	–	162,364	–
Qingdao Changming Real Estate Co., Ltd	115,455	–	–	–
Guangzhou Zengcheng District Runyu Real Estate Co., Ltd	90,000	–	–	–
Fuzhou Xinzhiyuan Investment and Development Co., Ltd	87,500	–	60,000	–
China Construction Xi'an Chanba Ecological Zone Construction Investment Co., Ltd	86,000	(6,020)	86,000	(2,580)
Jiangmen Pengjiang District Hebang Real Estate Development Co., Ltd	65,000	–	65,000	–
Shangqiu Xinding Real Estate Co., Ltd	55,338	–	55,338	–
China Overseas Polyda Real Estate (Foshan) Co., Ltd	53,407	–	56,839	–
Lu'an Haijia Blue City Real Estate Co., Ltd	52,949	–	57,977	–
Fuzhou Strait Culture and Arts Center Construction and Development Co., Ltd	50,000	–	50,000	–
Changsha Xirong Real Estate Co., Ltd	42,570	–	42,570	–
Beijing Nanyue Real Estate Development Co., Ltd	42,140	–	42,140	–
Lingcui Investment Limited	39,882	–	620,467	–
Others	182,254	–	1,224,103	(134,262)
Total	19,892,295	(1,122,942)	20,874,947	(434,599)

X. Related party relationships and transactions (continued)**7. Amounts due from related parties (continued)**

(6) Long-term receivables

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Sanmenxia City National Highway 310 Southward Moving Project Construction Management Co., Ltd	7,200	(1,140)	6,000	(1,020)
Xuzhou San line rail transit investment and development co., LTD	4,000	(160)	4,000	(160)
Henan Zhongjian Municipal Construction And Development Co., Ltd	3,482	(556)	2,459	(118)
Cangzhou Zhongjian Bohai Investment Logistics Park Construction and Development Co., Ltd	1,413	(141)	1,413	(141)
Others	932	(63)	1,181	(58)
Total	17,027	(2,060)	15,053	(1,497)

(7) Debt Investments

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Clear Elegant Limited	2,636,336	—	2,501,150	—
Wuhan Chongjiang Real Estate Co., Ltd	2,492,971	—	1,196,296	—
King's Day Limited	1,740,464	—	2,554,260	—
Luminous Dream Limited	1,683,478	—	1,597,323	—
TEDA Group Limited	1,623,998	—	1,537,081	—
Gainable Development Limited	1,398,907	—	1,327,138	—
Marble Edge Limited	1,296,005	—	1,229,560	—
Guangzhou Xinghong Real Estate Development Co., Ltd	921,263	(921)	1,044,183	(1,044)
Qingdao Changming Real Estate Co., Ltd	748,800	—	748,800	—
Beijing Nanyue Real Estate Development Co., Ltd	729,714	—	729,714	—
Guangzhou Suihai Real Estate Co., Ltd	683,750	—	683,750	—
Xingchuang Enterprises Limited	609,273	—	609,273	—
Foshan Zhongjian Yipin Pengyue Real Estate Co., Ltd	557,914	—	1,054,814	—
Beijing Xingying Real Estate Co., Ltd	525,091	—	516,721	—
Ezhou Chuangu Real Estate Development Co., Ltd	510,565	—	510,565	—
Zhuzhou Zhonghai Real Estate Co., Ltd	473,879	—	676,388	—
Beijing Jinliang Xingye Real Estate Development Co., Ltd	426,102	—	506,102	—
Ezhou Zhongjian Yipin Lanyue Real Estate Co., Ltd	412,365	—	412,365	—
Gui heng investment limited	324,074	—	324,074	—

Unit: RMB'000

X. Related party relationships and transaction (continued)**7. Amounts due from related parties (continued)**

(7) Debt Investments (continued)

	30 June 2022		31 December 2021	
	Carrying amount	Impairment allowance	Carrying amount	Impairment allowance
Changsha Yida Chuangzhi Real Estate Development Co., Ltd	288,835	–	288,835	–
Wuhan Zhongjian Yipin Zhaoying Real Estate Co., Ltd	286,860	–	296,860	–
China State Construction Xi'an Infrastructure Construction Investment Co., Ltd	273,368	(2,734)	269,863	(2,699)
Jiangmen Pengjiang District Hebang Real Estate Development Co., Ltd	221,126	–	221,126	–
Xiangtan Haijia Construction Co., Ltd	207,429	–	–	–
Foshan Jiantou Zhongjian Yipin Real Estate Co., Ltd	196,635	–	211,969	–
Guangzhou Zengcheng District Runyu Real Estate Co., Ltd	195,600	–	195,600	–
Xiamen Yongjingwan Real Estate Co., Ltd	191,780	–	213,780	–
Wuhan Chenzhan Real Estate Development Co., Ltd	189,185	–	178,576	–
Haizhou Investment Limited	186,119	–	–	–
Wuhan Chenfa Real Estate Development Co., Ltd	163,254	–	155,012	–
Dazhou Dahuan Construction Management Co., Ltd	161,290	–	296,146	–
Putian Zhongjian Mulan Construction and Development Co., Ltd	147,351	–	127,351	–
Chengdu Beichen Tianchen Real Estate Co., Ltd	134,369	–	135,037	–
Beijing Huiguang Enterprise Management Co., Ltd	132,127	–	132,127	–
Xianyi International Limited	127,406	–	128,174	–
Putian Putian Putian University Construction Co., Ltd	124,434	–	120,585	–
Guangzhou Star Travel Real Estate Development Co., Ltd	118,712	(119)	177,868	(178)
Nanyang Fangzao Expressway Co., Ltd	110,000	–	–	–
Beijing Haiying Real Estate Development Co., Ltd	100,120	–	100,120	–
Others	1,104,949	(8,044)	1,391,516	(7,090)
Total	24,455,898	(11,818)	24,400,102	(11,011)

Note: As at 30 June 2022, the entrusted loan amounted RMB273,368 thousand lent to a joint venture of the Group, China State Construction Xi'an Infrastructure Construction Investment Co., Ltd. (31 December 2021: RMB269,863 thousand) and China State Construction Xi'an Urban Construction Investment Co., Ltd., an associate of the Group, amounted RMB92,433 thousand (31 December 2021: RMB89,869 thousand), are presented in the entrusted loans of Note V. 12.

X. Related party relationships and transactions (continued)**8. Payables to related parties**

(1) Accounts payable

	30 June 2022	31 December 2021
CSCEC Electronic Commerce Co., Ltd.	1,059,558	1,114,339
CSCEC Roads and Bridges Co., Ltd.	227,912	170,129
China State Construction -Dacheng Construction Co., Ltd	184,156	180,735
Anhui Guoyuan Investment Co., Ltd	146,092	28,057
China Construction Ecological Environment Group Co., Ltd	136,298	136,298
Shandong Zhongjian Zhongli Equipment Leasing Co., Ltd	99,243	88,481
Zhengzhou Yirong Yijian Supply Chain Management Co., Ltd	97,042	119,473
China construction Aluminum New materials Chengdu Co., Ltd.	91,034	73,426
Shandong Zhongcheng Machinery Leasing Co., Ltd	54,698	21,965
Beijing Zhongjian Runtong Mechanical and Electrical Engineering Co., Ltd	43,140	46,546
China Construction Huanneng Technology Co., Ltd	42,683	46,822
Sichuan Xijian Zhonghe Machinery Co., Ltd	35,890	24,213
Sichuan Xijian Shantui Logistics Co., Ltd	31,055	38,598
Shandong Zhongjian Material Equipment Co., Ltd	28,752	32,562
Guizhou Leirong Expressway Investment Management Co., Ltd	24,366	–
Beijing Zhongchao Concrete Co., Ltd	22,434	58,514
Henan Zhongjian Municipal Construction And Development Co., Ltd	19,826	–
Others	48,797	59,142
Total	2,392,976	2,239,300

(2) Other Payables

	30 June 2022	31 December 2021
Xinggui Investment Co., Ltd	1,253,828	1,237,000
Sunrise JV Limited	964,828	895,521
Xi'an Jiarun Rongcheng Real Estate Co., Ltd	801,142	812,433
Xingchuang Enterprises Limited	781,750	761,000
Chongqing Jinke Zhaoji Real Estate Development Co., Ltd	600,750	600,750
Shanghai Jiasheng Real Estate Development Co., Ltd	565,190	467,408
Chongqing Zhongjian Erheng Line Infrastructure Construction Co., Ltd	460,428	357,586
Nanjing Zhongjian Township Travel Construction Investment Co., Ltd	451,650	14,845
China Construction Haijia (Foshan) Investment and Construction Co., Ltd	450,688	413,888
Nanjing Zhongjian Gubei City Development Co., Ltd	417,885	–
Hengyang Lingsheng Real Estate Co., Ltd	392,736	390,429
Beijing Hengyi Real Estate Development Co., Ltd	231,104	245,505
Shenzhen Shenzhen-Shantou Special Cooperation Zone Zhongpu Infrastructure Investment Co., Ltd	230,587	232,106
Qingdao Tengmao Real Estate Co., Ltd	224,693	277,993

Unit: RMB'000

X. Related party relationships and transaction (continued)**8. Payables to related parties (continued)**

(2) Other Payables (continued)

	30 June 2022	31 December 2021
Guangzhou Lurong Real Estate Development Co., Ltd	217,413	217,413
Changsha Zhongjian Future Science and Technology City Investment Co., Ltd	212,736	146,986
Qingdao Haijie Real Estate Co., Ltd	200,554	843,760
Gui heng investment limited	200,000	150,000
Changsha Zhongjian International Development Co., Ltd	199,878	230,000
Sanya Bihai Jincheng Commercial Management Co., Ltd	196,342	170,842
Xi'an Hehui Xingshang Real Estate Co., Ltd	183,649	183,765
China State Construction Group	163,349	–
Zhonghai Hongyang Haifu (Hefei) Real Estate Development Co., Ltd	143,160	139,199
Beijing Zhonghai Excellence Urban and Rural Construction Investment Fund	132,389	132,389
Lingcui Investment Limited	122,076	594,150
Qufu Nishan Cultural Tourism Real Estate Co., Ltd	120,300	120,300
Qingdao Timber Mao Real Estate Co., Ltd	112,102	111,704
China State Construction Innovation Investment Co., Ltd	105,424	104,980
China Resources Land (Taiyuan) Development Co., Ltd	105,000	115,000
Xinyu Huancheng Road Construction Investment Co., Ltd	91,339	122,384
Qingdao Fangchuan Real Estate Co., Ltd	85,856	85,856
Shandong Zhonghai Huachuang Real Estate Co., Ltd	83,026	83,026
Jiangmen Pengjiang District Tianque Real Estate Development Co., Ltd	78,124	78,124
Qingyuan China Construction Fourth Bureau Yuejian Investment and Development Co., Ltd	70,951	87,503
Qingdao Songmao Real Estate Co., Ltd	70,871	69,062
China State Construction Asset Management Limited	70,058	68,644
Dongguan Jiangpan New Town Real Estate Development Co., Ltd	68,292	93,000
Henan Zhongjian Municipal Construction And Development Co., Ltd	67,753	3,286
Zhongjian Road & Bridge Group Co., Ltd	64,401	44,094
Rizhao China Construction Eighth Bureau Transportation Facilities Service Co., Ltd	61,535	61,535
Nanyang Zhongjian Jinrui Urban Construction Development Co., Ltd	61,000	–
Qingdao Fangchen Real Estate Co., Ltd	60,789	60,789
Cangzhou Zhongjian Bohai Investment Logistics Park Construction and Development Co., Ltd	60,035	749
Baotou Zhonghai Hongyang Real Estate Co., Ltd	51,390	51,390
China State Construction International (Xiangyang) Construction Co., Ltd	50,425	–
Nanjing Yangtze River Second Bridge Co., Ltd	50,286	148,025
Shantou Zhongjian New Urbanization Investment Co., Ltd	50,000	–

X. Related party relationships and transaction (continued)**8. Payables to related parties (continued)**

(2) Other Payables (continued)

	30 June 2022	31 December 2021
Guangzhou Hongyuan Land Co., Ltd	48,721	–
Tianjin Yingchao Real Estate Development Co., Ltd	48,000	48,000
Qingdao Fangqian Real Estate Co., Ltd	45,165	45,165
China Construction Industry & Finance Investment Management (Tianjin) Co., Ltd	43,920	–
China Construction Technology Jingmen Co., Ltd	32,841	777
Zhangzhou Binbei Real Estate Co., Ltd	30,600	30,600
Dongguan Wanhong Real Estate Co., Ltd	30,013	35,613
Zhongjian Aluminum New Materials Co., Ltd	27,658	32,670
Qingdao Fanghui Real Estate Co., Ltd	27,648	26,841
China State E-commerce Co., Ltd	27,590	46,550
Yangyue Investment Limited	22,500	22,500
Guangdong Haichao Science and Technology Industry Development Co., Ltd	20,000	–
Haikou Tuoyi Real Estate Co., Ltd	17,233	20,148
China Overseas Hecai (Beijing) Equity Investment Fund Management Co., Ltd	17,124	17,124
Qingyang Zhongjian Yuanqing Highway Construction Management Co., Ltd	15,593	17,063
Beijing Sound Zhongjian Environmental Engineering Co., Ltd	14,632	14,632
Foshan Jiantou Zhongjian Yipin Real Estate Co., Ltd	14,301	–
Hebei Chenghong Pipe Gallery Engineering Co., Ltd	14,044	–
Shanghai International Port (Group) Co., Ltd	11,437	11,437
China State Construction Development & Construction (Foshan) Co., Ltd	11,040	11,040
Zhengzhou Yirong Yijian Supply Chain Management Co., Ltd	10,196	87,708
Suzhou City Wanqiao District Pioneer Cultural and Educational Construction Co., Ltd	10,000	10,000
Beijing Zhonghai Harmony Urban and Rural Construction Investment Center (Limited Partnership)	9,900	9,900
Wuhan Chenzhan Real Estate Development Co., Ltd	9,883	–
China State Construction (Tianjin) Rail Transit Investment and Development Co., Ltd	9,610	151
China Construction Ecological Environment Group Co., Ltd	9,192	5,198
Guangzhou Zhongjian Green Financial Holdings Construction Investment Co., Ltd	9,000	640
Ezhou Chuanggu Real Estate Development Co., Ltd	8,000	–
CCCC Jijiao Expressway Investment and Development Co., Ltd	8,000	177

Unit: RMB'000

X. Related party relationships and transaction (continued)**8. Payables to related parties (continued)**

(2) Other Payables (continued)

	30 June 2022	31 December 2021
China Construction Third Bureau Ezhou Guang'an Real Estate Development Co., Ltd	7,593	–
Guizhou Leirong Expressway Investment Management Co., Ltd	6,238	6,238
Wuhan Hongtai Manulife Zhongjian Yipin Real Estate Co., Ltd	3,693	197,182
Others	64,376	1,419,301
Total	12,123,503	13,141,074

(3) Contract Liabilities

	30 June 2022	31 December 2021
Guizhou Leirong Expressway Investment Management Co., Ltd	915,700	1,290,234
CCCC Jijiao Expressway Investment and Development Co., Ltd	680,836	710,474
Shanghai Chenggang Real Estate Co., Ltd	534,332	602,956
Hengshui Jian handan port expressway management co., LTD	527,004	65,386
China State Construction Xi'an Infrastructure Construction Investment Co., Ltd	387,783	392,820
Wenzhou Zhongjian Steel Structure Olympic Sports Project Management Co., Ltd	270,604	318,859
China Construction Xi'an Chanba Ecological Zone Construction Investment Co., Ltd	247,529	508,398
China State Construction Xi'an Urban Construction Investment Co., Ltd	222,063	302,196
Urumqi Linkong Airport Construction and Operation Co., Ltd	204,787	630,831
Chongqing Zhongjian Erheng Line Infrastructure Construction Co., Ltd	198,789	58,462
Liuzhou Zhongjian Steel Structure Dongcheng Convention and Exhibition Construction Co., Ltd	192,811	229,625
Shanghai Lingang New Area Jingang Dongjiu Real Estate Co., Ltd	182,716	68,677
China Construction Third Bureau Nanchong Environmental Construction Investment Co., Ltd	162,465	164,265
Nanjing Jinlingyi Cultural Tourism Development Co., Ltd	160,564	–
Shanwei Yuehai Qingyuan Environmental Protection Co., Ltd	155,133	120,680
Xuzhou Line 1 Rail Transit Investment and Development Co., Ltd	137,593	159,763
Liuzhou Zhongjian Steel Structure Ecological Garden Construction Co., Ltd	132,920	25
Suining East Lake Bishui Ecological Environment Investment and Construction Co., Ltd	124,485	176,073
China Construction Third Bureau Xianning Dazhou Lake Ecological Construction and Operation Co., Ltd	115,888	277,820
Zhangzhou Zhanyuan Environmental Technology Co., Ltd	108,476	178,925
Chengdu Sichuan Investment Airport Construction Co., Ltd	106,743	123,493

X. Related party relationships and transaction (continued)**8. Payables to related parties (continued)****(3) Contract Liabilities (continued)**

	30 June 2022	31 December 2021
Zhaotong China Construction Investment and Development Co., Ltd	104,366	104,366
Yantai Zhongda Xinhong Science and Education Investment Co., Ltd	100,417	151,861
China Construction Third Bureau Xiangyang Fancheng Circular Greenway and Park Construction Co., Ltd	98,862	187,881
Xuzhou San line rail transit investment and development co., LTD	93,303	88,212
Hangzhou Chengtou Wulin Investment and Development Co., Ltd	90,552	133,581
Chongqing Water Affairs Group Shalu Environmental Governance Co., Ltd	72,882	77,595
Sichuan Dehui Expressway Co., Ltd	69,920	70,919
Jingmen Zhongjian 207 Highway Construction Co., Ltd	67,266	62,466
Xinjiang Zhongjian City Construction Investment Co., Ltd	50,000	54,460
Fuyang Three Gorges Phase I Water Environment Comprehensive Treatment Co., Ltd	45,520	–
Nanyang Fangzao Expressway Co., Ltd	45,394	–
Gui heng investment limited	44,242	13,076
Nantong Ring Expressway Co., Ltd	42,174	30,500
Ezhou Culture and Sports Investment, Construction and Operation Co., Ltd	38,459	264,550
Liuzhou Zhongjian Science and Technology Cultural Tourism Development Co., Ltd	38,245	61
Taizhong Bank Railway Co., Ltd	36,645	44,966
Taizhou Luqiao Xindao Investment and Development Co., Ltd	35,563	40,539
Foshan Urban Rail Transit Line 3 Development Co., Ltd	30,982	–
China Overseas Polyda Real Estate (Foshan) Co., Ltd	30,580	27,288
Yunnan Huali Expressway Investment and Development Co., Ltd	23,391	231,799
Chengdu Changtuo Dongjin Construction Co., Ltd	12,518	185,101
China Construction Third Bureau Xiangyang Yuliangzhou Ecological Construction and Operation Co., Ltd	–	180,734
Others	705,638	2,309,394
Total	7,646,140	10,639,311

Unit: RMB'000

X. Related party relationships and transaction (continued)**8. Payables to related parties (continued)**

(4) Lease liabilities

	30 June 2022	31 December 2021
China Overseas Grand Oceans Group Ltd	202,707	326,403
Henan Zhongjian Municipal Construction And Development Co., Ltd	64,674	106,235
Shandong Zhongcheng Machinery Leasing Co., Ltd	29,702	34,913
Beijing Zhongyi Chengjian Property Management Co., Ltd	27,586	34,716
Shanghai International Port (Group) Co., Ltd	17,560	19,825
Others	3,219	24,152
Total	345,448	546,244

(5) Entrusted loans

	30 June 2022	31 December 2021
China State Construction Engineering Corporation	3,503,088	3,481,106
Jinmao Investment (Changsha) Co., Ltd.	765,000	729,000
Total	4,268,088	4,210,106

(6) Long-term Payables

	30 June 2022	31 December 2021
Sunrise JV Limited	2,400,000	2,400,000
Leighton-China State Joint Venture	61,293	17,194
Others	2,554	38,215
Total	2,463,847	2,455,409

(7) Other non-current liabilities

	30 June 2022	31 December 2021
China State Construction Engineering Corporation	–	400,000

XI. Share-based payment

1. Overview

	For the six months ended 30 June 2022	2021
Number of restricted shares unlocked	–	190,784,000
Number of restricted shares forfeited	7,309,000	16,903,667
The remaining term of the contract of the outstanding stock options at the end of the year/period	2.5	3.0

	For the six months ended 30 June 2022	2021
Total amount of employee services in exchange for share based payment	318,879	836,446

The equity-settled share-based payment is as follows:

	For the six months ended 30 June 2022	2021
Accumulated amount of equity-settled share-based payment in capital surplus	2,835,775	2,516,896
Total expenses recognised in equity-settled share-based payment	318,879	836,446

2. Share-based payment plan

(a) Share-based payment by the Company

(1) In accordance with the authorisation of the third extraordinary General Meeting of Shareholders held on 3 December 2018, the Company held the 15th meeting of the second session of the Board of Directors on 26 December 2018, and the Board of Directors approved the resolution of China State Construction Engineering Corporation Limited. Granted Third Batch Restricted Shares Incentive Plan (A share) ("the third batch Incentive Plan"), in which the Company was approved to grant the restricted shares incentive to 2,081 targets ("the third batch Incentive Targets"). From 4 December 2018 to 21 December 2018, the Company completed the repurchase of 599,910,000 shares ("the third batch of Restricted Shares") in total from secondary market and completed the granting to the third batch Incentive Targets on 26 December 2018 ("the third batch grant day"). The third batch Incentive Targets' purchase price is RMB3.468 per share and the limited sales period is 2 years. If the unlock condition of the restricted shares prescribed by the plan is met, the third batch Incentive Targets can unlock the shares with the upper limit of 1/3, 1/3 and 1/3 of the granted shares on 26 December 2020 (the first batch of Phase III), 26 December 2021 (the second batch of Phase III) and 26 December 2022 (the third batch of Phase III) respectively.

In accordance with the authorisation of the third extraordinary General Meeting of Shareholders held on 7 December 2020, the Company held the 50th meeting of the second session of the Board of Directors on 23 December 2020, and the Board of Directors approved the resolution of China State Construction Engineering Corporation Limited. Granted Fourth Batch Restricted Shares Incentive Plan (A share) ("the fourth batch Incentive Plan"), in which the Company was approved to grant the restricted shares incentive to 2,765 targets ("the fourth batch Incentive Targets"). From 30 October 2020 to 14 December 2020, the Company completed the repurchase of 912,036,000 shares ("the fourth batch of Restricted Shares") in total from secondary market and completed the granting to the fourth batch Incentive Targets on 23 December 2020 ("the fourth batch grant day"). The fourth batch Incentive Targets' purchase price is RMB3.06 per share and the limited sales period is 2 years. If the unlock condition of the restricted shares prescribed by the plan is met, the fourth batch Incentive Targets can unlock the shares with the upper limit of 1/3, 1/3 and 1/3 of the granted shares on 23 December 2022 (the first batch of Phase III), 23 December 2023 (the second batch of Phase III) and 23 December 2024 (the third batch of Phase III) respectively. If the business achievement or individual performance fail to meet the unlock condition, the unlocked restricted shares will be repurchased by the Company at the grant price and with no interests.

Unit: RMB'000

XI. Share-based payment (continued)**2. Share-based payment plan (continued)****(a) Share-based payment by the Company (continued)**

- (2) The market price of the third batch of Restricted Shares was RMB5.58 per share at the third batch grant date. The price paid by the third batch Incentive Targets was RMB3.468 per share, based on which, the fair value of the third batch of Restricted Shares granted this time was determined to be RMB2.2112 per share at the third batch grant date.

The market price of the fourth batch of Restricted Shares was RMB5.00 per share at the third batch grant date. The price paid by the fourth batch Incentive Targets was RMB3.06 per share, based on which, the fair value of the fourth batch of Restricted Shares granted this time was determined to be RMB1.94 per share at the fourth batch grant date.

- (3) In 2021, there are total 190,784,000 shares has been unlocked due to the second batch of Phase III meet the unlock condition, and the treasury stock decreased by RMB661,639 thousand.

- (4) *Increase/decrease of restricted shares in the reporting period*

	For the six months ended 30 June 2022	2021
Number of restricted shares at the beginning of the period/year	1,100,642,936	1,308,330,603
Number of restricted shares unlocked in current period/year	–	(190,784,000)
Number of restricted shares forfeited in current period/year	(7,309,000)	(16,903,667)
Number of restricted shares at the end of the period/year	1,093,333,936	1,100,642,936

- (5) *The impact on the Company's financial position and operating results from restricted shares is as follows:*

	For the six months ended 30 June 2022	2021
Total expenses recognised in equity-settled share-based payment	318,879	836,446

	For the six months ended 30 June 2022	2021
Accumulated amount of equity-settled share-based payment in capital surplus	2,835,775	2,516,896

XI. Share-based payment (continued)

2. Share-based payment plan (continued)

(b) Share Option Schemes by China Overseas Land & Investment Ltd.

On 29 June 2018, China Overseas Land & Investment Ltd offered to grant share options (the "Share Options") to certain eligible persons (collectively, the "Grantees"), to subscribe for a total of 107,320,000 shares, subject to acceptance of the Grantees, under the share option scheme adopted by China Overseas Land & Investment Ltd on 11 June 2018. Out of the 107,320,000 Share Options granted, a total of 2,000,000 Share Options were granted to directors of China Overseas Land & Investment Ltd. The exercise price is HK\$25.85 per share. The Share Options granted will vest on 29 June 2020, 29 June 2021 and 29 June 2022 respectively.

On 24 November 2020, China Overseas Land & Investment Ltd offered to grant share options (the "Share Options") to certain eligible persons (collectively, the "Grantees"), to subscribe for a total of 285,840,000 shares, subject to acceptance of the Grantees, under the share option scheme adopted by China Overseas Land & Investment Ltd on 11 June 2018. Out of the 285,840,000 Share Options granted, a total of 6,300,000 Share Options were granted to directors of China Overseas Land & Investment Ltd. The exercise price is HK\$18.724 per share. The Share Options granted will vest on 24 November 2022, 24 November 2023 and 24 November 2024 respectively.

As at 30 June 2022, 332,491,500 share options were granted for the plan (31 December 2021: 370,280,000).

The fair value of the Share Options was determined by the Binomial Options Pricing Model. For the year ended 30 June 2022, the relevant cost was RMB60,100 thousand arising from staff services (For the six months ended 30 June 2021: RMB129,100 thousand).

XII. Commitments and Contingencies

1. Commitments

	30 June 2022	31 December 2021
Contracted, but not provided for Capital commitments		
Purchase and construction of non-current assets	5,479,573	7,698,367
Investment commitments	8,736,607	11,641,851
Total	14,216,180	19,340,218

2. Contingencies

	30 June 2022	31 December 2021	
Contingent liabilities arising from pending litigations or arbitrations	11,654,368	5,371,906	Note 1
Contingent liabilities arising from the provision of guarantees	125,252,891	107,166,259	Note 2
Total	136,907,259	112,538,165	

Unit: RMB'000

XII. Commitments and Contingencies (continued)

2. Contingencies (continued)

Note 1: As at 30 June 2022 and 31 December 2021, pending litigations in which the Group was the defending party are listed as follows:

	30 June 2022 Disputed value	31 December 2021 Disputed value
China Construction Seventh Engineering Bureau Co., Ltd.	3,230,775	799,364
China Overseas Group Limited	1,365,813	702,778
China Construction Third Engineering Bureau Co., Ltd.	1,314,076	1,010,268
China Construction Eighth Engineering Bureau Co., Ltd.	1,205,000	115,869
China Construction Fifth Engineering Bureau Co., Ltd.	1,115,092	363,393
CSCEC Xinjiang Construction & Engineering (Group) Co., Ltd.	1,054,066	448,721
The Company	860,003	404,812
China Construction Decoration Group Ltd.	274,115	160,067
Jilin Zhongjian Construction Engineering Co., Ltd.	227,635	201,401
China Construction Second Engineering Bureau Ltd.	221,985	121,157
China Construction Design and Research Institute Co., Ltd.	217,259	189,475
China Construction Fourth Engineering Bureau Co., Ltd.	212,502	390,000
China Construction Southwest Investigation & Design Institute Co.,Ltd.	78,757	36,890
China Construction Port and Shipping Bureau Group Co., Ltd.	67,150	67,150
China Construction Northeast design and Research Institute Co., Ltd.	56,158	–
China Construction Railway Investment and Construction Group Co., Ltd.	54,024	–
China Construction Transportation Construction Group Co., Ltd.	53,655	135,160
China Construction First Building (Group) Co., Ltd.	40,328	83,257
China State Construction Technology Group Limited	3,339	16,843
China Construction (Siping) Infrastructure Development Co., Ltd.	1,050	1,050
China Construction Northwest design and Research Institute Co., Ltd.	1,003	–
China Construction Sixth Engineering Bureau Co., Ltd.	374	30,200
China State Construction Development Corporation	209	209
China Construction Railway Construction Co., Ltd.	–	83,183
China Construction Fangcheng Investment & Development Group Co., Ltd.	–	10,659
Total	11,654,368	5,371,906

Note: The above pending litigations are mostly related with project quality, progress payment, etc. Please refer to Note V. 42 for the progress of litigation matters at 30 June 2022 and the confirmed losses of judgment results, and relevant liabilities are not recognised for the event that the potential obligations generated do not meet the conditions for the recognition of provisions for other liabilities and charges.

XII. Commitments and Contingencies (continued)

2. Contingencies (continued)

Note 2: As at 30 June 2022 and 31 December 2021, the Group's external guarantees are listed as follows:

	30 June 2022 Guarantee amount	31 December 2021 Guarantee amount
Mortgage guarantee provided to property owners (Note)	111,061,611	95,397,206
Guarantees for bank loan	14,191,280	11,769,053
Total	125,252,891	107,166,259

Note: The Group provides guarantees to property owners and property owners pledge the houses they have bought when taking loans from banks. For the six months ended 30 June 2022 and for the year of 2021, there was no significant breach of contract from commodity house buyers and the Group considers the risk associated with the guarantee obligation is immaterial.

XIII. Events after the balance sheet date

1. After the balance sheet date, the bonds issued by the subsidiaries of the Group are as follows:

Issuer	Type of bond	Value in issue	Issuance date	Interest rate (%)
China Construction Second Engineering Bureau Ltd.	Ultra short-term financing bonds	2,000,000	1 July 2022	1.70
China Construction First Building (Group) Co., Ltd.	Ultra short-term financing bonds	1,500,000	1 July 2022	1.70
China Construction First Building (Group) Co., Ltd.	Ultra short-term financing bonds	1,500,000	1 July 2022	1.70
China Construction Eighth Engineering Bureau Co., Ltd.	Ultra short-term financing bonds	3,000,000	21 July 2022	1.50
China Shipping Enterprise Development Group Co., Ltd.	Medium-term notes	2,000,000	21 July 2022	3.26
China Construction Eighth Engineering Bureau Co., Ltd.	Ultra short-term financing bonds	4,000,000	26 July 2022	1.50
China Construction Sixth Engineering Bureau Co., Ltd.	Ultra short-term financing bonds	700,000	25 July 2022	1.98
China State Construction International Investment Group Limited	Medium-term notes	1,040,000	17 August 2022	2.70
China Construction Sixth Engineering Bureau Co., Ltd.	Ultra short-term financing bonds	800,000	19 August 2022	1.82

2. On 29 July 2022, the Company cancelled a total of 6,426,000 restricted shares not eligible for unlocking, which were repurchased from 58 grantees who held Phase III and Phase IV restricted shares in the Company (3 of which repurchased Phase III and Phase IV restricted shares of the company held by themselves.). After the cancellation, the share capital of the Company was reduced by RMB6,426,000 to RMB41,934,432,844.

Unit: RMB'000

XIV. Other important matters

1. Segment reporting

Operating segments

For management purpose, the Group is organised into business units based on their products and has five reportable operating segments as follows:

- (1) Building construction engineering;
- (2) Infrastructure construction and investment;
- (3) Real estate development and investment;
- (4) Prospecting, design, etc.;
- (5) Others.

Management monitors the results of its operating segments separately for the purpose of making decisions about resource allocation and performance assessment. Segment performance is evaluated based on the profit or loss of reportable segment.

The intersegment transactions are transacted with reference to the prices used for transactions made to third parties at then prevailing market prices.

For the six months ended 30 June 2022

	For the six months ended 30 June 2022							
	Building construction engineering	Infrastructure construction and investment	Real estate development and investment	Prospecting and design	Others	Unallocated	Elimination	Total
Revenue from external	667,534,540	220,915,702	151,176,638	4,458,261	16,685,946	-	-	1,060,771,087
Inter-segment revenue	11,860,209	2,033,811	826,174	538,413	2,387,947	-	(17,646,554)	-
Total revenue	679,394,749	222,949,513	152,002,812	4,996,674	19,073,893	-	(17,646,554)	1,060,771,087
Cost of goods sold	(632,204,357)	(198,687,272)	(120,091,411)	(4,128,740)	(14,334,063)	-	16,914,312	(952,531,531)
Credit impairment losses	(4,314,980)	(1,790,593)	(797,401)	(92,515)	(33,171)	-	-	(7,028,660)
Asset impairment losses/(reversal)	(820,821)	(476,109)	(306,732)	3	(2,705)	-	-	(1,606,364)
Depreciation and amortisation	(2,653,767)	(1,049,762)	(1,454,873)	(122,723)	(594,043)	(612)	-	(5,875,780)
Profit/(losses) before income taxes	13,569,343	9,027,844	30,096,895	(111,253)	413,449	(243,950)	(732,243)	52,020,085
Less: Income tax expenses								(10,848,011)
Net profit								41,172,074
Total segment assets	667,030,768	611,956,470	969,806,243	14,802,815	342,888,633	147,976,301	(157,608,931)	2,596,852,299
Total segment liabilities	437,514,020	447,302,520	559,066,621	8,929,058	251,783,124	389,188,587	(156,938,241)	1,936,845,689

XIV. Other important matters (continued)

1. Segment reporting (continued)

Operating segments (continued)

For the six months ended 30 June 2021 (restated)

	For the six months ended 30 June 2021							
	Building construction engineering	Infrastructure construction and investment	Real estate development and investment	Prospecting and design	Others	Unallocated	Elimination	Total
Revenue from external	584,855,410	191,898,714	145,745,351	4,501,840	9,760,651	-	-	936,761,966
Inter-segment revenue	11,261,024	1,693,606	788,115	430,057	2,432,819	-	(16,605,621)	-
Total revenue	596,116,434	193,592,320	146,533,466	4,931,897	12,193,470	-	(16,605,621)	936,761,966
Cost of goods sold	(556,347,862)	(175,853,670)	(109,796,191)	(4,040,205)	(7,805,414)	-	15,639,199	(838,204,143)
Credit impairment losses	(2,640,978)	(592,519)	(136,306)	(31,194)	(66,078)	(4)	-	(3,467,079)
Asset impairment reversal/(losses)	46,161	(347,738)	95,397	2,942	(1,027)	-	-	(204,265)
Depreciation and amortisation	(2,661,029)	(952,184)	(1,336,409)	(80,533)	(463,073)	(46,962)	-	(5,654,033)
Profit/(losses) before income taxes	12,590,695	8,906,960	30,787,845	(46,757)	2,554,113	(2,108,217)	(963,868)	51,720,771
Less: Income tax expenses								(11,644,632)
Net profit								40,076,139
Total segment assets	558,699,642	490,347,553	963,535,447	11,940,441	309,863,301	162,765,053	(145,747,304)	2,351,404,133
Total segment liabilities	361,610,992	353,904,831	560,892,732	7,378,379	222,997,666	388,484,853	(144,942,114)	1,750,327,339

Other information

Information about products and services

Revenue from external customers

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Building construction engineering	667,534,540	584,855,410
Infrastructure construction and investment	220,915,702	191,898,714
Real estate development and investment	151,176,638	145,745,351
Prospecting and design	4,458,261	4,501,840
Others	16,685,946	9,760,651
Total	1,060,771,087	936,761,966

Unit: RMB'000

XIV. Other important matters (continued)

1. Segment reporting (continued)

Other information (continued)

Geographic information

Revenue from external customers

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Mainland China	1,004,684,444	892,464,924
In other countries/geographical regions	56,086,643	44,297,042
Total	1,060,771,087	936,761,966

The revenue information above is based on the locations of the customers.

Non-current assets

	30 June 2022	31 December 2021
Mainland China	424,605,468	395,530,653
In other countries/geographical regions	26,973,343	27,777,932
Total	451,578,811	423,308,585

The non-current asset information above is based on the locations of the assets and excludes financial assets, long-term equity investments and deferred tax assets.

Information about a major customer

The Group does not rely on one or several major customers.

2. Leases

(1) As lessor

The Group has entered into operating leases on some of its houses and buildings, and the lease term is 1-10 years. All leases include a clause to enable revision of the rental charge on an annual basis according to prevailing market conditions. For the six months end 30 June 2022, the rental income recognised by the Group on those houses and buildings was RMB3,105,900 thousand. (For the six months ended 30 June 2021: RMB3,074,211 thousand). Details of the underlying houses and buildings are disclosed in Note V.17 Investment properties.

The Group has also entered into operating leases on idle machinery equipment and motor vehicles, and the lease term is 1-5 years. The rental income recognised by the Group was RMB58,972 thousand. (For the six months ended 30 June 2021: RMB64,467 thousand (restated)).

Operating leases

The profit or loss relating to operating leases is as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021 (restated)
Lease income	3,164,872	3,138,678

XIV. Other important matters (continued)

2. Leases (continued)

(1) As lessor (continued)

Operating leases (continued)

The Group had total future minimum lease receivables under non-cancellable leases with its tenants falling due as follows:

	30 June 2022	31 December 2021
Within 1 year, inclusive	4,798,308	5,030,185
1 to 2 years, inclusive	3,424,298	3,593,388
2 to 3 years, inclusive	2,192,080	2,264,292
3 to 4 years, inclusive	1,290,605	1,320,694
4 to 5 years, inclusive	836,070	916,194
Over 5 years	2,105,470	2,383,293
Total	14,646,831	15,508,046

For fixed assets leased out under operating leases, refer to Note V.18.

(2) As lessee

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Interest expense on lease liabilities	141,306	105,240
Expenses relating to short-term leases accounting for applying practical expedients	1,540,691	1,033,180
Expenses relating to leases of low-value assets accounted for applying practical expedients (other than short-term leases)	25,262	1,906
Total cash outflow for leases	2,345,288	1,379,224

The Group has lease contracts for various items of houses and buildings, machinery, vehicles and other equipment used in its operations. Leases of houses and buildings and machinery generally have lease terms of 1 to 10 years, while those of vehicles and other equipment generally have lease terms of 0.5 to 3 years. Generally, the Group is restricted from assigning and subleasing the underlying assets and some contracts require the Group to maintain certain financial ratios.

Other information relating to leases

For right-of-use assets, refer to Notes V, 20; for practical expedients of short-term leases and leases of low-value assets, refer to Notes III, 30, and for lease liabilities, refer to Notes V, 39 and Notes VIII, 3.

XV. Notes to the Company's financial statements

1. Account receivables

The aging of accounts receivable is analysed as follows:

	30 June 2022	31 December 2021
Within 1 year	16,989,674	16,318,061
1-2 years	3,852,855	4,169,538
2-3 years	3,857,343	5,119,409
3-4 years	2,142,310	818,940
4-5 years	351,340	1,779,880
Over 5 years	2,409,103	700,609
Subtotal	29,602,625	28,906,437
Less: Impairment allowance	(4,507,725)	(3,833,019)
Total	25,094,900	25,073,418

Unit: RMB'000

XV. Notes to the Company's financial statements (continued)

1. Account receivables (continued)

Accounts receivable and impairment allowance are disclosed by category:

	30 June 2022			
	Carrying amount		Impairment allowance	
	Amount	Ratio (%)	Amount	Ratio (%)
Impairment allowance individually accrued	13,261,990	44.80	2,761,048	20.82
Impairment allowance accrued by credit risk portfolio	16,340,635	55.20	1,746,677	10.69
Total	29,602,625	100.00	4,507,725	15.23

	31 December 2021			
	Carrying amount		Impairment allowance	
	Amount	Ratio (%)	Amount	Ratio (%)
Impairment allowance individually accrued	12,953,045	44.81	2,221,590	17.15
Impairment allowance accrued by credit risk portfolio	15,953,392	55.19	1,611,429	10.10
Total	28,906,437	100.00	3,833,019	13.26

As at 30 June 2022, impairment allowance of accounts receivable individually accrued is as follows:

	Amount	Impairment	Expected credit losses ratio	Reasons
Company 1	1,837,433	1,837,433	100.00%	Recovery possibility
Company 2	1,232,525	154,066	12.50%	Recovery possibility
Company 3	442,897	88,579	20.00%	Recovery possibility
Company 4	388,858	97,908	25.18%	Recovery possibility
Company 5	382,186	114,656	30.00%	Recovery possibility
Others	8,978,091	468,406	5.22%	Recovery possibility
Total	13,261,990	2,761,048		

As at 31 December 2021, impairment allowance of accounts receivable individually accrued is as follows:

	Amount	Impairment	Expected credit losses ratio	Reasons
Company 1	1,745,526	1,265,992	72.53%	Recovery possibility
Company 2	1,303,425	162,928	12.50%	Recovery possibility
Company 3	521,137	104,227	20.00%	Recovery possibility
Company 4	440,186	132,056	30.00%	Recovery possibility
Company 5	388,858	97,908	25.18%	Recovery possibility
Others	8,553,913	458,479	5.36%	Recovery possibility
Total	12,953,045	2,221,590		

XV. Notes to the Company's financial statements (continued)

1. Account receivables (continued)

The accounts receivable with impairment allowance accrued by credit risk portfolio are as follows:

Portfolio 1:

	30 June 2022			31 December 2021		
	Estimated gross carrying amount at default	Expected credit losses ratio (%)	Lifetime expected credit losses	Estimated gross carrying amount at default	Expected credit losses ratio (%)	Lifetime expected credit losses
Within 1 year	3,577,773	2.00	71,555	3,473,185	2.00	69,464
1-2 years	331,255	5.00	16,563	496,293	5.00	24,815
2-3 years	735,184	15.00	110,278	585,091	15.00	87,764
3-4 years	284,627	30.00	85,388	265,397	30.00	79,619
4-5 years	7,635	45.00	3,436	1,353	45.00	608
Over 5 years	14,080	100.00	14,080	14,080	100.00	14,080
Total	4,950,554		301,300	4,835,399		276,350

Portfolio 2:

	30 June 2022			31 December 2021		
	Estimated gross carrying amount at default	Expected credit losses ratio (%)	Lifetime expected credit losses	Estimated gross carrying amount at default	Expected credit losses ratio (%)	Lifetime expected credit losses
Within 1 year	1,014,821	6.00	60,889	1,068,470	6.00	64,108
1-2 years	119,185	12.00	14,302	176,046	12.00	21,126
2-3 years	181,732	25.00	45,433	186,034	25.00	46,509
3-4 years	180,591	45.00	81,266	54,530	45.00	24,538
4-5 years	50,427	70.00	35,299	–	70.00	–
Total	1,546,756		237,189	1,485,080		156,281

Portfolio 3:

	30 June 2022			31 December 2021		
	Estimated gross carrying amount at default	Expected credit losses ratio (%)	Lifetime expected credit losses	Estimated gross carrying amount at default	Expected credit losses ratio (%)	Lifetime expected credit losses
Within 1 year	6,607,359	4.50	297,331	5,928,486	4.50	266,782
1-2 years	1,213,337	10.00	121,334	1,191,448	10.00	119,145
2-3 years	876,859	20.00	175,372	1,916,500	20.00	383,300
3-4 years	870,325	40.00	348,130	303,888	40.00	121,555
4-5 years	26,925	65.00	17,501	13,071	65.00	8,496
Over 5 years	248,520	100.00	248,520	279,520	100.00	279,520
Total	9,843,325		1,208,188	9,632,913		1,178,798

Unit: RMB'000

XV. Notes to the Company's financial statements (continued)

1. Account receivables (continued)

Impairment allowance of accounts receivable are as follows:

For the six months ended 30 June 2022:

Opening balance	Provision	Reversal	Other movements	Closing balance
3,833,019	1,079,657	(485,904)	80,953	4,507,725

For the year ended 31 December 2021:

Opening balance	Provision	Reversal	Other movements	Closing balance
2,311,807	2,384,840	(833,184)	(30,444)	3,833,019

The important reversal amounts for the six months ended 30 June 2022 are listed as follows:

	Reason for reversal/ collection	Basis for the impairment allowance	Amount of reversal/ collection	Way of collection
Company 1	Accounts receivable of project collected	Collectively accrued	67,030	Cash
Company 2	Accounts receivable of project collected	Collectively accrued	49,662	Cash
Company 3	Accounts receivable of project collected	Collectively accrued	30,543	Cash
Company 4	Accounts receivable of project collected	Collectively accrued	26,001	Cash
Company 5	Accounts receivable of project collected	Collectively accrued	25,848	Cash
Others	Accounts receivable of project collected, etc.	Individually and collectively accrued	286,820	Cash or Reversal
Total			485,904	

As at 30 June 2022, the five largest accounts receivable due to customers are as follows:

	Amount	Amount of impairment allowance	% of total accounts receivable
Total amount of the five largest accounts receivable	5,545,862	2,128,974	18.73%

As at 31 December 2021, the five largest accounts receivable due to customers are as follows:

	Amount	Amount of impairment allowance	% of total accounts receivable
Total amount of the five largest accounts receivable	5,901,707	1,611,639	20.42%

2. Other receivables

	30 June 2022	31 December 2021
Dividend receivables	1,527,333	351,212
Other receivables	20,949,099	19,432,417
Total	22,476,432	19,783,629

XV. Notes to the Company's financial statements (continued)

2. Other receivables (continued)

The ageing analysis of other receivables is as follows:

	30 June 2022	31 December 2021
Within 1 years	15,614,071	15,567,458
1-2 years	3,475,586	2,956,523
2-3 years	2,780,752	1,092,107
3-4 years	1,021,738	620,528
4-5 years	73,420	20,969
Over 5 years	251,749	241,295
Subtotal	23,217,316	20,498,880
Less: Impairment allowance	(740,884)	(715,251)
Total	22,476,432	19,783,629

Natures of other receivables are as follows:

	30 June 2022	31 December 2021
Receivables from related parties	19,827,094	18,433,010
Dividends receivable	1,527,333	351,212
Deposits and petty cash receivable	688,833	690,048
Others	1,174,056	1,024,610
Subtotal	23,217,316	20,498,880
Less: Impairment allowance	(740,884)	(715,251)
Total	22,476,432	19,783,629

Changes in impairment allowance recognised for the future 12-month expected credit losses and lifetime expected credit losses on other receivables are as follows:

For the six months ended 30 June 2022

	Stage 1 12-month expected credit losses	Stage 3 Credit losses of credit-impaired financial assets (Lifetime-expected credit losses)	Total
Opening balance	35,339	679,912	715,251
Changes due to the opening balance Transfer of stages	(20,152)	20,152	–
Accrual	3,238	17,314	20,552
Reversal	(6,445)	(962)	(7,407)
Other movements	12,488	–	12,488
Closing Balance	24,468	716,416	740,884

Unit: RMB'000

XV. Notes to the Company's financial statements (continued)

2. Other receivables (continued)

For the year ended 31 December 2021

	Stage 1 12-month expected credit losses	Stage 3 Credit losses of credit-impaired financial assets (Lifetime-expected credit losses)	Total
Opening balance	21,586	672,905	694,491
Changes due to the opening balance Transfer of stages	(14,805)	14,805	–
Accrual	39,714	10,574	50,288
Reversal	(9,729)	(18,536)	(28,265)
Other movements	(1,427)	164	(1,263)
Closing Balance	35,339	679,912	715,251

The important reversal amounts for the six months ended 30 June 2022 are listed as follows:

	Reason for reversal/ collection	Basis for the impairment allowance	Amount of reversal/ collection	Way of collection
Company 1	Receivable collected	Combination of credit risk characteristics	2,134	Cash
Company 2	Receivable collected	Combination of credit risk characteristics	1,160	Cash
Company 3	Receivable collected	Combination of credit risk characteristics	900	Cash
Company 4	Receivable collected	Combination of credit risk characteristics	873	Cash
Company 5	Receivable collected	Combination of credit risk characteristics	318	Cash
Others	Receivable collected	Combination of credit risk characteristics	2,022	Cash or Reversal
Total			7,407	

As at 30 June 2022, other receivables from the five largest customers are as follows:

	Closing Balance	% of total balance	Relation to the Company	Ageing	Impairment allowance
Company 1	1,455,320	6.27	Due from Related parties	Within 1 year	–
Company 2	1,060,600	4.57	Due from Related parties	Within 1 year	–
Company 3	760,492	3.27	Due from Related parties	Within 3 year	–
Company 4	746,966	3.22	Due from Related parties	Within 1 year	–
Company 5	675,371	2.91	Due from Related parties	Within 3 year	–
Total	4,698,749	20.24			–

XV. Notes to the Company's financial statements (continued)

2. Other receivables (continued)

As at 31 December 2021, other receivables from the five largest customers are as follows:

	Closing Balance	% of total balance	Relation to the Company	Ageing	Impairment allowance
Company 1	1,491,177	7.27	Due from Related parties	Within 1 year	–
Company 2	1,080,752	5.27	Due from Related parties	Within 1 year	–
Company 3	1,080,568	5.27	Due from Related parties	Within 3 year	–
Company 4	1,006,667	4.91	Due from Related parties	Within 1 year	–
Company 5	694,081	3.39	Due from Related parties	Within 2 year	–
Total	5,353,245	26.11			–

3. Long-term equity investments

	30 June 2022	31 December 2021
Subsidiaries	199,017,176	194,654,437
– Subsidiaries under direct control (1)	192,060,387	187,822,538
– Subsidiaries under indirect control (2)	6,956,789	6,831,899
Joint ventures (3)	6,738,481	6,760,732
Associates (4)	5,500,138	5,560,626
Subtotal	211,255,795	206,975,795
Less: Impairment allowance	(1,114,938)	(1,114,938)
Total	210,140,857	205,860,857

(1) Subsidiaries under direct control

For the six months ended 30 June 2022

	Opening balance	Current year movements	Closing balance	Cash dividend declared
China Overseas Holdings Limited	49,444,328	–	49,444,328	–
China Construction First Building (Group) Corporation Limited	7,576,219	–	7,576,219	908,810
China Construction Second Engineering Bureau Ltd.	10,209,149	–	10,209,149	1,071,590
China Construction Third Engineering Bureau Ltd.	6,271,354	–	6,271,354	2,322,510
China Construction Fourth Engineering Bureau Ltd.	5,199,701	–	5,199,701	286,832
China Construction Fifth Engineering Bureau Ltd.	10,395,789	–	10,395,789	1,111,374
China Construction Sixth Engineering Bureau Ltd.	4,277,946	–	4,277,946	132,741
China Construction Seventh Engineering Bureau Ltd.	6,006,530	–	6,006,530	503,470
China Construction Eighth Engineering Bureau Ltd.	15,589,151	–	15,589,151	2,399,490
China Construction Fangcheng Investment & Development Co., Ltd.	5,851,624	–	5,851,624	–

Unit: RMB'000

XV. Notes to the Company's financial statements (continued)

3. Long-term equity investments (continued)

(1) Subsidiaries under direct control (continued)

	Opening balance	Current year movements	Closing balance	Cash dividend declared
Shenzhen China Overseas Investment Management Co., Ltd.	301,537	–	301,537	–
Infrastructure Business of China State Construction	11,194,030	–	11,194,030	4,200
China State Construction Finance Co., Ltd.	7,924,554	1,600,000	9,524,554	282,197
China Construction America, Inc.	3,976,853	–	3,976,853	–
China State Construction Development Co., Ltd.	1,790,637	–	1,790,637	52,000
China Construction Liupanshui Infrastructure Investment and Development Co., Ltd.	800,000	–	800,000	–
China State Construction Thailand Co., Ltd.	656,107	–	656,107	18,237
CSCEC Xinjiang Construction & Engineering (Group) Co., Ltd.	2,881,906	–	2,881,906	–
China Construction (South Pacific) Development Co. Pte. Ltd.	596,630	200,000	796,630	45,510
China Construction Decoration Group Ltd.	548,375	–	548,375	1,410
China Construction Capital Holding Co., Ltd.	8,305,000	–	8,305,000	253,630
China State Railway Investment Construction Group Co., Ltd.	1,673,183	–	1,673,183	–
Zhongjian Silu Construction Investment Company Limited	2,500,000	200,000	2,700,000	200,000
Zhongjian Changjiang Construction Investment Co., Ltd.	1,036,096	–	1,036,096	–
China Construction North Investment Co., Ltd.	947,821	167,262	1,115,083	–
CSCEC Overseas Limited	400,000	–	400,000	–
Zhongjian Technology Limited	1,700,000	–	1,700,000	77,680
China Construction Transportation Construction Group Co., Ltd.	1,279,000	–	1,279,000	40,148
Others	18,489,018	2,070,587	20,559,605	431,698
Total	187,822,538	4,237,849	192,060,387	10,143,527

For the year ended 31 December 2021

	Opening balance	Current year movements	Closing balance	Cash dividend declared
China Overseas Holdings Limited	49,444,328	–	49,444,328	5,000,000
China Construction First Building (Group) Corporation Limited	7,576,219	–	7,576,219	1,245,175
China Construction Second Engineering Bureau Ltd.	5,209,149	5,000,000	10,209,149	6,046,085
China Construction Third Engineering Bureau Ltd.	6,271,354	–	6,271,354	1,978,819

XV. Notes to the Company's financial statements (continued)**3. Long-term equity investments (continued)****(1) Subsidiaries under direct control (continued)**

	Opening balance	Current year movements	Closing balance	Cash dividend declared
China Construction Fourth Engineering Bureau Ltd.	5,199,701	–	5,199,701	296,749
China Construction Fifth Engineering Bureau Ltd.	6,413,789	3,982,000	10,395,789	5,182,800
China Construction Sixth Engineering Bureau Ltd.	4,277,946	–	4,277,946	120,830
China Construction Seventh Engineering Bureau Ltd.	6,006,530	–	6,006,530	618,750
China Construction Eighth Engineering Bureau Ltd.	10,139,151	5,450,000	15,589,151	6,010,240
China Construction Fangcheng Investment & Development Co., Ltd.	5,851,624	–	5,851,624	1,328,500
Shenzhen China Overseas Investment Management Co., Ltd.	301,537	–	301,537	–
Infrastructure Business of China State Construction	11,194,030	–	11,194,030	830
China State Construction Finance Co., Ltd.	7,924,554	–	7,924,554	205,605
China Construction America, Inc.	3,976,853	–	3,976,853	–
China State Construction Development Co., Ltd.	1,790,637	–	1,790,637	20,490
China Construction Liupanshui Infrastructure Investment and Development Co., Ltd.	800,000	–	800,000	–
China State Construction Thailand Co., Ltd.	656,107	–	656,107	–
CSCEC Xinjiang Construction & Engineering (Group) Co., Ltd.	2,881,906	–	2,881,906	158,660
China Construction (South Pacific) Development Co. Pte. Ltd.	520,630	76,000	596,630	42,440
China Construction Decoration Group Ltd.	548,375	–	548,375	32,310
China Construction Capital Holding Co., Ltd.	8,305,000	–	8,305,000	221,860
China State Railway Investment Construction Group Co., Ltd.	1,673,183	–	1,673,183	–
Zhongjian Silu Construction Investment Company Limited	1,500,000	1,000,000	2,500,000	–
Zhongjian Changjiang Construction Investment Co., Ltd.	1,036,096	–	1,036,096	–
China Construction North Investment Co., Ltd.	903,981	43,840	947,821	–
CSCEC Overseas Limited	400,000	–	400,000	–
Zhongjian Technology Limited	1,700,000	–	1,700,000	61,180
China Construction Transportation Construction Group Co., Ltd.	–	1,279,000	1,279,000	53,600
Others	14,285,578	4,203,440	18,489,018	911,147
Total	166,788,258	21,034,280	187,822,538	29,536,070

Unit: RMB'000

XV. Notes to the Company's financial statements (continued)

3. Long-term equity investments (continued)

(2) Subsidiaries under indirect control

For the six months ended 30 June 2022

	Opening balance	Current year movements	Closing balance	Cash dividend declared
China West Construction Group Co., Ltd.	942,264	–	942,264	14,739
China Construction Industrial & Energy Engineering Group Co., Ltd.	837,305	–	837,305	6,080
CSCES Technology and Engineering Co., Ltd.	739,664	–	739,664	38,050
Hangzhou China Construction Guobo Property Investment Co., Ltd.	668,432	–	668,432	–
CSCEC Strait Construction and Development Co., Ltd.	300,000	–	300,000	–
China Construction Tunnel Construction Co., Ltd.	300,000	–	300,000	–
China Construction Electric Power Construction Co., Ltd.	230,000	–	230,000	–
China State Construction Foshan Transportation Joint Investment Co., Ltd.	4,800	–	4,800	–
China Construction Overseas Development (Shanghai) Co., Ltd.	100,000	–	100,000	–
CSCEC Underground Space Co., Ltd.	100,000	–	100,000	–
China Construction Bridge Co., Ltd.	300,000	–	300,000	–
Others	2,309,434	124,890	2,434,324	–
Total	6,831,899	124,890	6,956,789	58,869

For the year ended 31 December 2021

	Opening balance	Current year movements	Closing balance	Cash dividend declared
China Construction transportation construction Group Corp Ltd.	1,279,000	(1,279,000)	–	–
China West Construction Group Co., Ltd.	942,264	–	942,264	13,963
China Construction Industrial & Energy Engineering Group Co., Ltd.	837,305	–	837,305	17,922
CSCES Technology and Engineering Co., Ltd.	739,664	–	739,664	60,280
Hangzhou China Construction Guobo Property Investment Co., Ltd.	668,432	–	668,432	–
CSCEC Strait Construction and Development Co., Ltd.	300,000	–	300,000	–
China Construction Tunnel Construction Co., Ltd.	300,000	–	300,000	–
China Construction Electric Power Construction Co., Ltd.	230,000	–	230,000	–
China State Construction Foshan Transportation Joint Investment Co., Ltd.	4,800	–	4,800	–
China Construction Overseas Development (Shanghai) Co., Ltd.	100,000	–	100,000	–
CSCEC Underground Space Co., Ltd.	100,000	–	100,000	–
China Construction Wuhan Construction Investment Co., Ltd.	60,000	(60,000)	–	–
China Construction Bridge Co., Ltd.	300,000	–	300,000	–
Others	2,079,457	229,977	2,309,434	14,169
Total	7,940,922	(1,109,023)	6,831,899	106,334

XV. Notes to the Company's financial statements (continued)

3. Long-term equity investments (continued)

(3) Joint ventures

For the six months ended 30 June 2022

	Opening Balance	Movement during the year				Closing Balance
		Increase/(Decrease) in investment	Investment income/(losses) under equity method	Other comprehensive income adjustment	Others	
Zhaotong CSCEC Construction Investment Development Co., Ltd.	512,388	-	2,973	-	-	515,361
CSCEC Road & Bridge Group Co., Ltd.	456,865	-	3,160	(107)	-	459,918
Zhengzhou Zhongjian Shenzhen Rail Transit Co., Ltd.	1,028,458	-	(101,695)	-	-	926,763
Changsha CSCEC Chengtuo Pipe Well Development Investment Co., Ltd.	324,145	-	503	-	-	324,648
CSCEC Zhanjiang Dadao Investment and Construction Co., Ltd.	498,664	8,419	(444)	-	-	506,639
ASEC CIMENT SPA	225,584	-	1	-	148	225,733
Yinchuan Shenyang Road Underground Pipeline Construction & Management Co., Ltd.	218,303	-	9,938	-	-	228,241
China Construction (Tianjin) Rail Transit Investment Development Co., Ltd.	460,784	12,781	-	-	-	473,565
Guizhou Zhengxi Expressway Investment Management Co., Ltd.	226,271	-	(5,412)	-	-	220,859
Dalian Zhongjian Cavernous city construction and Development Co., Ltd.	237,893	(78,926)	8,147	-	-	167,114
Xuzhou Metro Line Three Investment Development Co., Ltd.	745,184	-	-	-	-	745,184
CSCEC-Dacheng Construction Ltd	148,638	-	3,099	-	-	151,737
Others	1,677,555	101,881	13,283	-	-	1,792,719
Total	6,760,732	44,155	(66,447)	(107)	148	6,738,481

For the year ended 31 December 2021

	Opening Balance	Movement during the year					Closing Balance
		Increase/(Decrease) in investment	Investment income/(losses) under equity method	Other comprehensive income adjustment	Distribution of dividends	Others	
Zhaotong CSCEC Construction Investment Development Co., Ltd.	511,373	-	1,015	-	-	-	512,388
CSCEC Chengdu Rail Transit Investment and Construction Co., Ltd.	425,007	(424,500)	17	-	-	-	524
CSCEC Road & Bridge Group Co., Ltd.	439,554	-	17,938	(627)	-	-	456,865
Zhengzhou Zhongjian Shenzhen Rail Transit Co., Ltd.	1,029,089	-	(631)	-	-	-	1,028,458
Changsha CSCEC Chengtuo Pipe Well Development Investment Co., Ltd.	323,461	-	3,853	-	(3,169)	-	324,145
CSCEC Zhanjiang Dadao Investment and Construction Co., Ltd.	369,813	116,934	20	-	-	11,897	498,664
ASEC CIMENT SPA	243,777	-	(55)	(18,138)	-	-	225,584
Yinchuan Shenyang Road Underground Pipeline Construction & Management Co., Ltd.	268,484	-	(50,181)	-	-	-	218,303
China Construction (Tianjin) Rail Transit Investment Development Co., Ltd.	460,784	-	-	-	-	-	460,784
Guizhou Zhengxi Expressway Investment Management Co., Ltd.	229,220	-	(2,949)	-	-	-	226,271
Dalian Zhongjian Cavernous city construction and Development Co., Ltd.	231,613	-	6,280	-	-	-	237,893
Xuzhou Metro Line Three Investment Development Co., Ltd.	386,000	359,184	-	-	-	-	745,184
CSCEC-Dacheng Construction Ltd	147,076	-	1,562	-	-	-	148,638
Qinghai Zhengping Jiayi Highway Construction Co., Ltd.	294,000	(294,000)	7,865	-	-	(7,865)	-
Others	1,060,960	615,067	10,817	-	(11,613)	1,800	1,677,031
Total	6,420,211	372,685	(4,449)	(18,765)	(14,782)	5,832	6,760,732

Unit: RMB'000

XV. Notes to the Company's financial statements (continued)

3. Long-term equity investments (continued)

(4) Associates

For the six months ended 30 June 2022

	Opening balance	Movement during the year			Closing balance
		Increase/(Decrease) in investment	Investment income/(losses) under equity method	Distribution of dividends	
CCCC Jijiao Expressway Investment & Development Co., Ltd.	1,650,377	-	(38,541)	-	1,611,836
Yunnan Huali Expressway Investment & Development Co., Ltd.	1,561,094	-	-	-	1,561,094
Xuzhou Metro Line One Investment & Development Co., Ltd.	100,000	-	-	-	100,000
Sanmenxia National Highway 310 Southward Project Construction Management Co., Ltd.	631,614	-	(44,016)	-	587,598
Anhui Province Yuehuang Expressway Co., Ltd.	224,000	(224,000)	-	-	-
Liyang Zhongjian Sander Environmental Management Co., Ltd.	147,877	-	7,539	-	155,416
Cangzhou Development Zone Beiqi Industrial Park Investment Center (LP)	28,261	-	900	(1,258)	27,903
Xinyu Ring Road Construction Investment Co., Ltd.	60,000	-	(13)	-	59,987
Taizhou Luqiao New Island Investment Development Co., Ltd.	19,425	-	-	-	19,425
Zhangzhou Zhanyuan Environmental Technology Co., Ltd.	75,965	-	4,394	-	80,359
Others	1,062,013	234,390	117	-	1,296,520
Total	5,560,626	10,390	(69,620)	(1,258)	5,500,138

For the year ended 31 December 2021

	Opening balance	Movement during the year				Closing balance
		Increase/(Decrease) in investment	Investment income/(losses) under equity method	Distribution of dividends	Others	
CCCC Jijiao Expressway Investment & Development Co., Ltd.	1,662,658	95,000	(107,281)	-	-	1,650,377
Yunnan Huali Expressway Investment & Development Co., Ltd.	1,185,000	376,094	-	-	-	1,561,094
Xuzhou Metro Line One Investment & Development Co., Ltd.	465,000	(365,000)	2	(2)	-	100,000
Sanmenxia National Highway 310 Southward Project Construction Management Co., Ltd.	664,335	-	(32,721)	-	-	631,614
Anhui Province Yuehuang Expressway Co., Ltd.	224,000	-	-	-	-	224,000
Shenshan Special Cooperation Zone Harbour City Investment & Construction Co., Ltd.	95,174	(88,947)	6,271	(12,498)	-	-
Liyang Zhongjian Sander Environmental Management Co., Ltd.	146,140	-	1,737	-	-	147,877
Cangzhou Development Zone Beiqi Industrial Park Investment Center (LP)	28,967	-	1,818	(2,524)	-	28,261
Xinyu Ring Road Construction Investment Co., Ltd.	60,000	-	-	-	-	60,000
Taizhou Luqiao New Island Investment Development Co., Ltd.	19,595	-	(170)	-	-	19,425
Shijiazhuang Transportation Investment Jinshi Expressway Construction Management Co., Ltd.	19,600	-	(19,600)	-	-	-
Zhangzhou Zhanyuan Environmental Technology Co., Ltd.	75,965	-	-	-	-	75,965
Others	48,035	1,016,023	(1,159)	-	(886)	1,062,013
Total	4,694,469	1,033,170	(151,103)	(15,024)	(886)	5,560,626

XV. Notes to the Company's financial statements (continued)

4. Revenue and cost of sales

	For the six months ended 30 June 2022		For the six months ended 30 June 2021	
	Revenue	Cost	Revenue	Cost
Revenue from main operations	38,410,141	36,056,648	47,680,054	45,952,755
Revenue from other operations	20,786	12,642	20,067	13,019
Total	38,430,927	36,069,290	47,700,121	45,965,774

Revenue is shown as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Revenue from contracts with customers	38,411,994	47,681,481
Rentals	18,933	18,640
Total	38,430,927	47,700,121

As at 30 June 2022, the transaction price allocated to the unfulfilled or partially unfulfilled performance obligations is related to the progress of the corresponding contract, and will be recognised as revenue according to the progress of performance in the future performance period.

The breakdown of revenue generated by the contract with customers is as follows:

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Timing of revenue recognition		
Recognise revenue at a point in time		
Others	1,007	95,902
Recognise revenue over time		
Housing construction project	8,940,830	8,794,529
Infrastructure construction and investment	29,451,921	38,777,089
Others	18,236	13,961
Total	38,411,994	47,681,481

Unit: RMB'000

XV. Notes to the Company's financial statements (continued)**5. Investment income**

	For the six months ended 30 June 2022	For the six months ended 30 June 2021
Investment income from disposal of long-term equity investments under equity method	10,202,396	23,388,328
Investment income from debt investments	104,345	206,646
Investment loss from disposal of long-term equity investments under equity method	(136,067)	(97,991)
Investment income from other equity instrument investments	2,459	55,838
Investment income obtained during the holding period of the held for trading financial assets	6,855	1,544
Investment income from disposal of long-term equity investments	43,853	–
Investment loss from disposal of financial assets measured at amortized cost	(715)	–
Total	10,223,126	23,554,365

The company has no major restrictions on the repatriation of investment income.

SUPPLEMENTARY INFORMATION

For the six months ended 30 June 2022

(All amounts in RMB Thousand Yuan unless otherwise stated)

1. Statement of non-recurring profit or loss

	For the six months ended 30 June 2022
Gains from disposal of non-current assets, including the write-off portion of the provision for impairment of assets	209,159
Government grants into the current profits and losses	342,409
The investment cost of the enterprise to obtain the subsidiary is less than the income generated by the fair value of the identifiable net assets of the investee at the time of obtaining the investment	1,236,618
In addition to the normal operation of the Company's effective hedging business, income/losses arising from changes in fair value and from disposal/redemption of the financial assets held for trading, derivative financial assets, financial liabilities held for trading, derivative financial liabilities and other debt investments	(12)
Interest income from loans to non-financial corporations	53,363
Reversal of the provision on receivables and contract assets for impairment on an individual basis	2,121,857
Investment income from disposal of subsidiaries	(635)
Losses from non-operating activities or occasional matters	1,352,043
Other non-operating income and expenses than the above items	282,249
Subtotal	5,597,051
Impact on income tax	(627,355)
Subtotal	4,969,696
Impact on non-controlling interests (after tax)	(1,338,119)
Total	3,631,577

The Group's recognition of non-recurring profit or loss items shall be carried out in accordance with the provisions of "Explanatory Notice of Corporate Information Disclosure of Public Securities Offering No. 1 – Non-recurring Profit or Loss" (CSRC Announcement No. [2008]43).

2. Return on net assets and earnings per share

For the six months ended 30 June 2022

	Weighted average return on net assets (%)	Earnings per share (RMB/Share)	
		Basic	Diluted
Net profit attributable to the Company's ordinary shareholders	7.99	0.68	0.68
Net profit attributable to the Company's ordinary shareholders after deducting non-recurring profit or loss	6.96	0.59	0.58

For the six months ended 30 June 2021 (restated)

	Weighted average return on net assets (%)	Earnings per share (RMB/Share)	
		Basic	Diluted
Net profit attributable to the Company's ordinary shareholders	8.14	0.62	0.62
Net profit attributable to the Company's ordinary shareholders after deducting non-recurring profit or loss	7.77	0.58	0.58



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Bridge and connecting line project in Chongqing