
Mavin Consulting Group Inc

Our services have a prime focus on arranging investors and entrepreneurs together to create projects globally in the areas of infrastructure & technologies, energy, real estate, healthcare, and even tourism and transportation. Mavin Consulting Group has always had a priority in creating opportunities for governments that will benefit the citizens they govern, allowing for our humble company to forge partnerships that last today and allow us to have the political support for our projects to be approved and started while our researching minds help aid and propose policies within legislatures. With this government support, our company can provide our partners the freedom to invest in at wide range of areas of interests without the political process inhibiting and deterring many of the developments that do not come into fruition throughout the world. Our company is dedicated to bringing our investors the brilliant minds that pioneer and develop the opportunities in the areas that Mavin specializes in managing their projects in by having the utmost priority in finding and being committed to our future generations by promoting the development of educational institutions as well. At Mavin Consulting Group we also realize the importance of keeping economies around the world stable as we commit and include as part of our services the arrangement of loans to financial institutions and banks that are experiencing actual or potential balance of payment loans. This part of our company services is dedicated to serving our partners in relieving their but also debts by arranging loans that not only eliminate this financial burden but also be financially beneficial in terms of savings.

At MCG Inc. we are dedicated to providing energy solutions that will serve populations around the world bringing power to historically energy deficient areas in the world. We help our clients progress their global energy projects by working with government officials, energy officials, and global investors to help build, deliver, and commission energy. Through our investors and EPC contractors, MCG is the supplier of gas turbines that range from 250 to 550 MWs. We also have provided services that have led to the engineering and completion of pipe lines, valves, tubes, pumps, and fittings to gas industries around the world. Our company will always be dedicated to projects such as this as we will use our financial arrangement, energy, and networking expertise to provide energy throughout the world. A pathway towards renewable energy for the mission of sustainable earth to execute Sustainable Development Goals and Paris agreement; minimizing the global carbon emissions for better earth by 2050; the world needs more to concentrate on green energy initiative.

Mavin Consulting Group Inc. is committed for better sustainable infrastructure finance and believe in transferring nature-based solution using technologies to the emerging countries. Mavin provides liquidity issues for various governments in South & Central America as well as South East Asia as that includes various financial institutions, large & medium scale investment and retail banking organizations. Providing the solutions for private equity funds globally, subsequently increase the viability of the projects that better for sustainable infrastructure e.g. renewable energy, smart ICT, low carbon emission projects in vulnerable countries like Bangladesh. Recently, MCG is in a process of funding over USD 3 billion solar plants in South East Asia and also South America consisting of 3 GW power generation as well as 250 MW wind power solution. Wind projects may cost USD 250 million that also comprises with a fish hatchery for exporting globally USD 25 million as well as to create jobs in large scale in emerging countries like Bangladesh.

Participate in Leadership positions in infrastructure Develop

Building Construction

International Contracting

Soil Investigation & Design

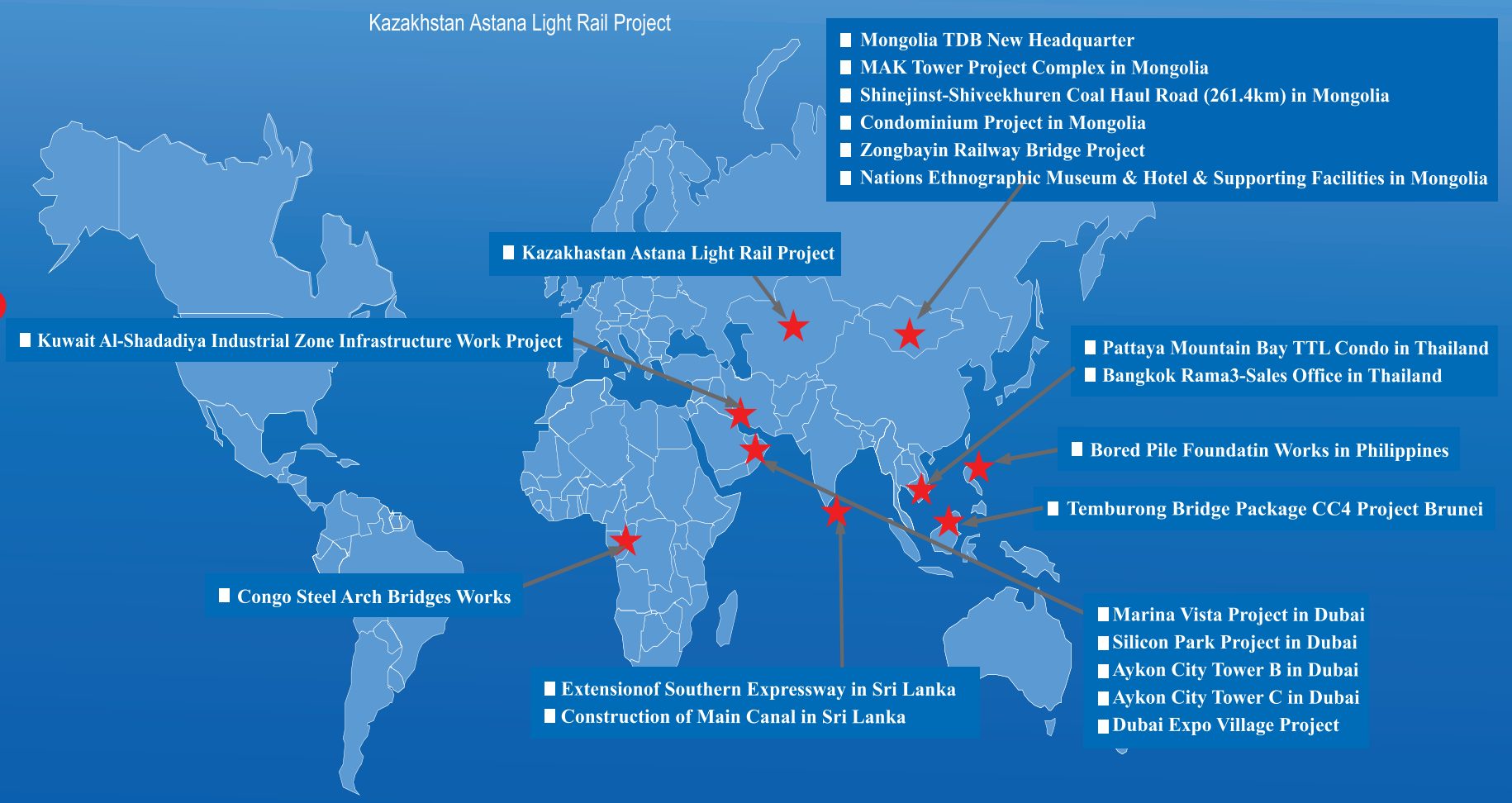
Real Estate Development
& Investment

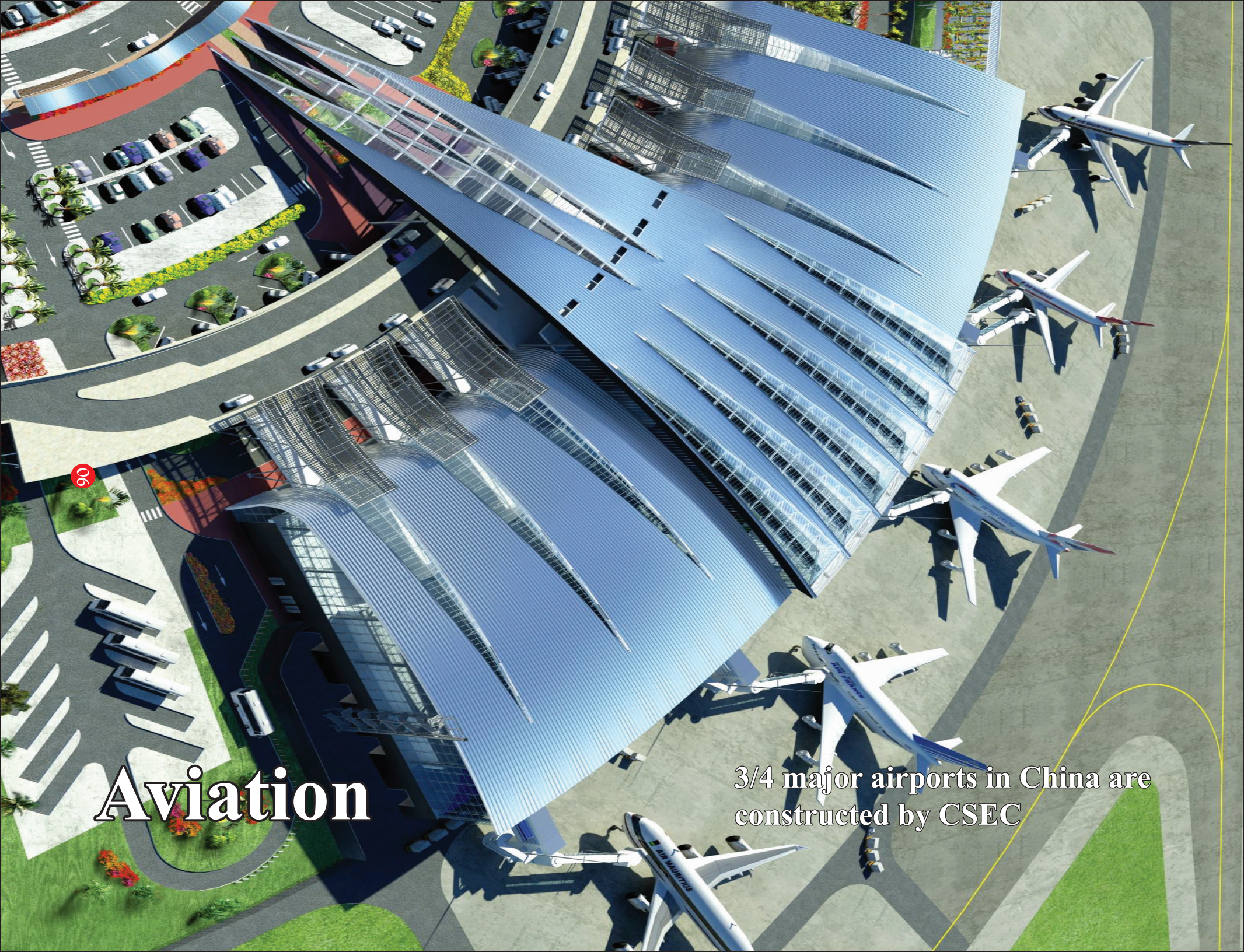
Infrastructure Construction
& Investment

Our partners has completed more than 6,000 overseas project in over 100 countries and regions around the world. Among 65 countries involved in" Belt and Road" initiative, Our partners leaves its foot print in 45 countries.

Overseas Project of our partners

As one of the first batch of construction enterprises going global, CCSEB answers the call of "Belt and Road" initiative to exploit international markets, such as Southeast Asia, Central Aisa, Middle East, Africa and America.



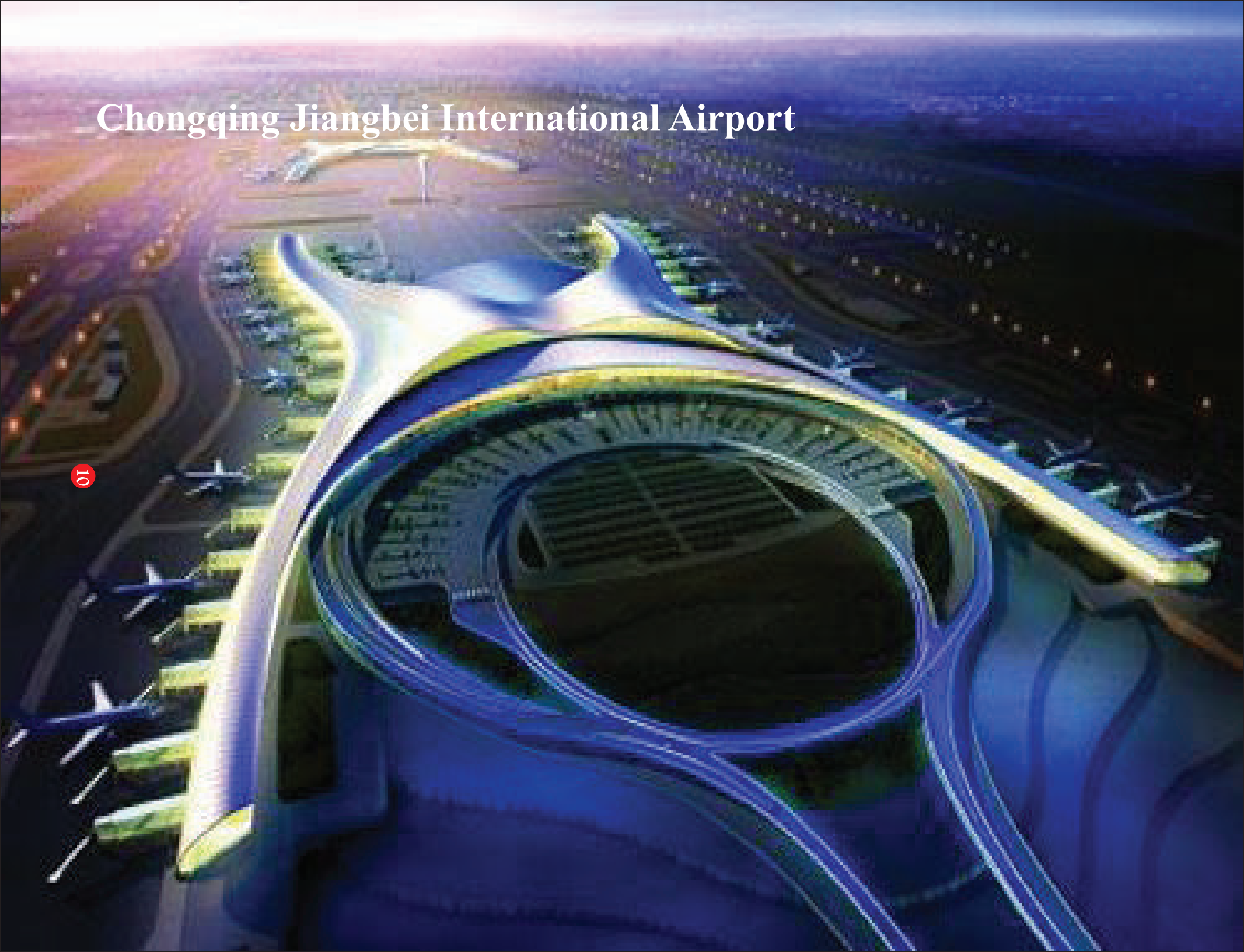

Aviation
3/4 major airports in China are constructed by CSEC

Beijing Daxing International Airport

Chengdu Tianfu International Airport

Shenzhen Bao'an International Airport

Chongqing Jiangbei International Airport



Zhangjiajie Grand Canyon Glass Bridge (Skywalk)

Location: Zhangjiajie, Hunan Province
Contract Amount: US$ 8.5 million
Contract Duration: Sep 25th, 2014- Jun 20th, 2015
The tallest and longest glass bridge in the world

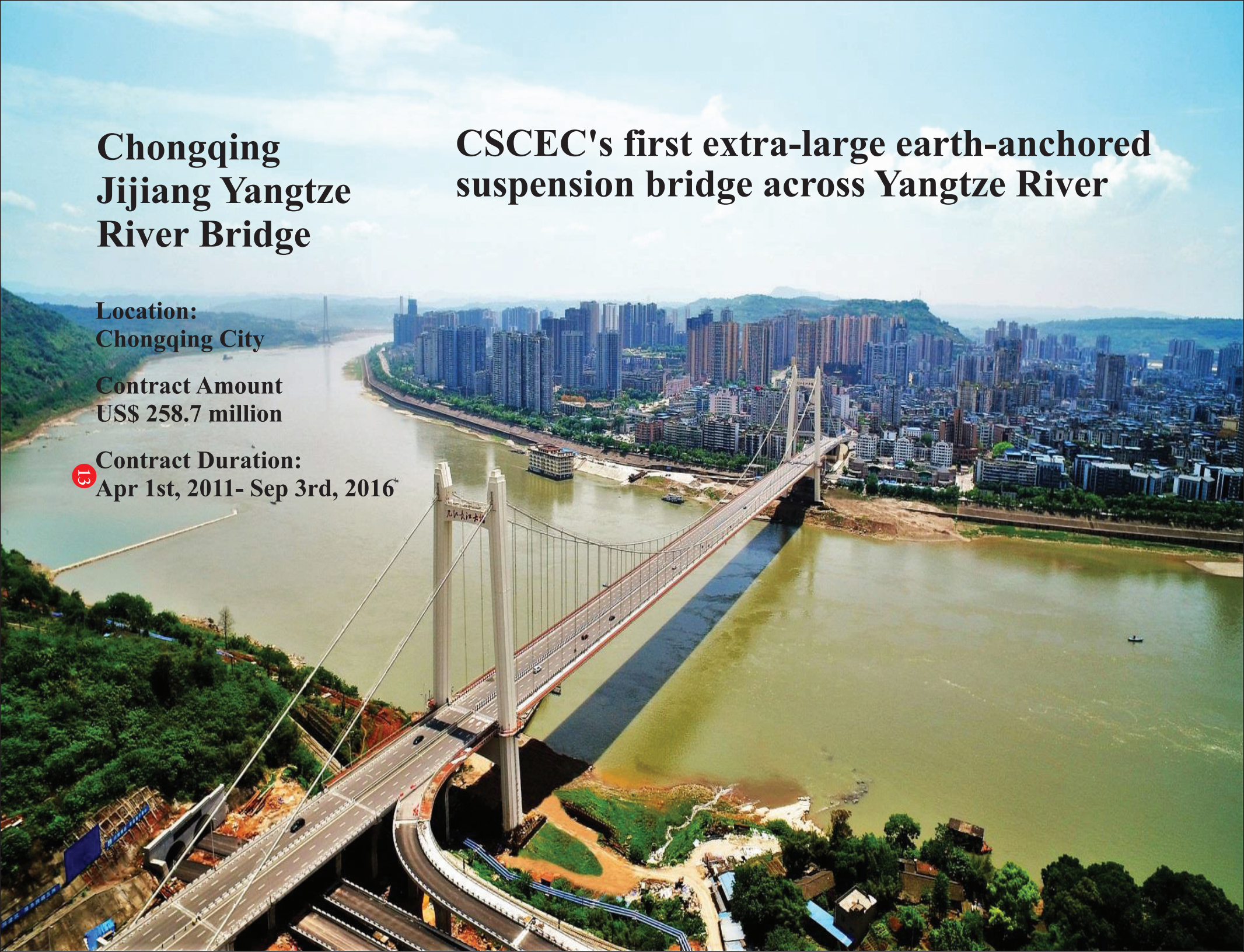
Chongqing Jijiang Yangtze River Bridge

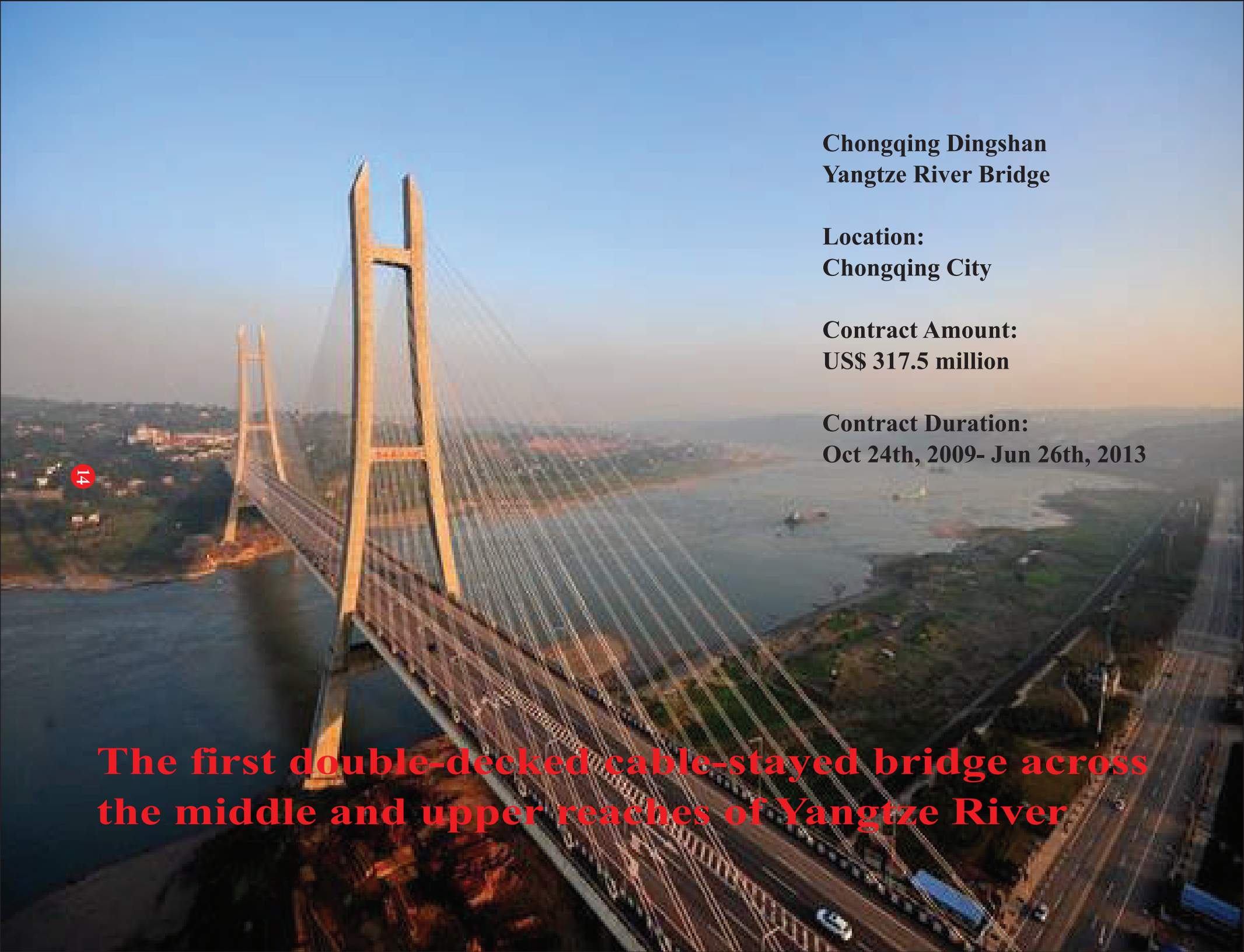
CSCEC's first extra-large earth-anchored suspension bridge across Yangtze River

Location:
Chongqing City

Contract Amount
US$ 258.7 million

Contract Duration:
Apr 1st, 2011- Sep 3rd, 2016





Chongqing Dingshan Yangtze River Bridge

Location:
Chongqing City

Contract Amount:
US$ 317.5 million

Contract Duration:
Oct 24th, 2009- Jun 26th, 2013

The first double-decked cable-stayed bridge across the middle and upper reaches of Yangtze River

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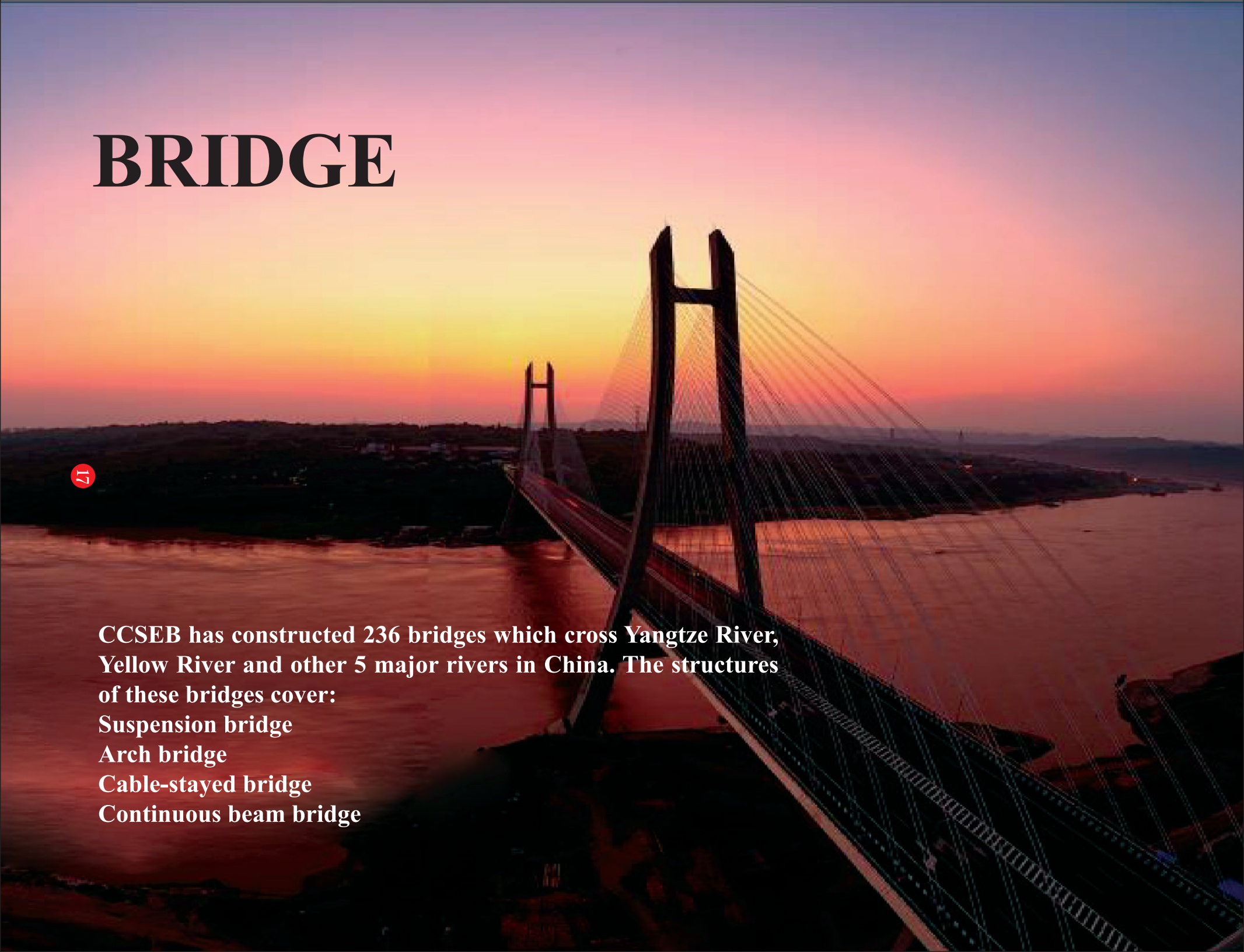
Fujian Longyan Avenue Longjin Bridge

Location: Longyan City, Fujian Province
Contract Amount: US$ 142.9 million
Contract Duration: May 17th, 2012- Dec 31st, 2018

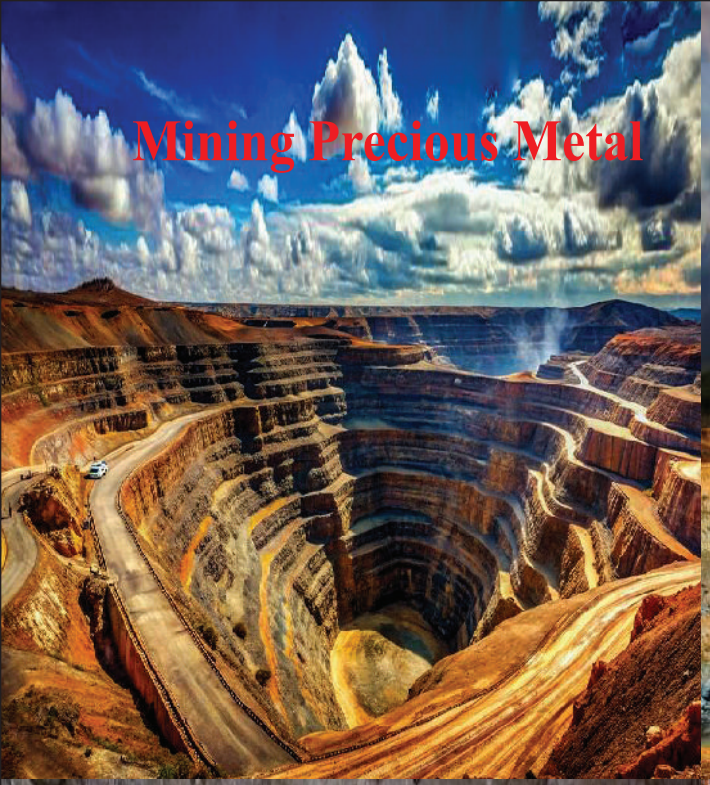
The heaviest swivel cable-stayed bridge in the world

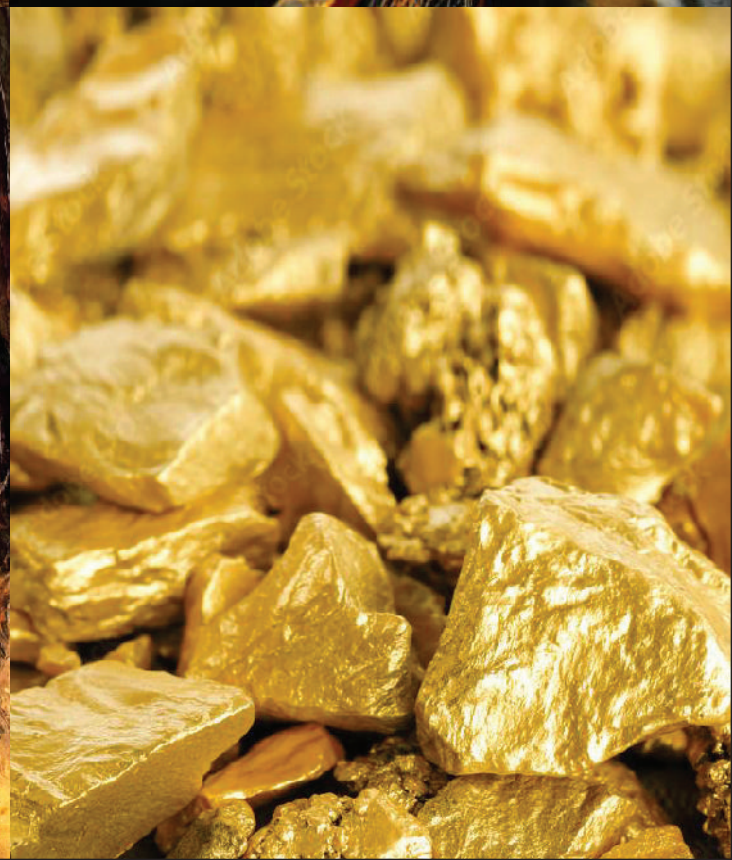
BRIDGE



CCSEB has constructed 236 bridges which cross Yangtze River, Yellow River and other 5 major rivers in China. The structures of these bridges cover:
Suspension bridge
Arch bridge
Cable-stayed bridge
Continuous beam bridge

Mining Precious Metal





Location: Temburong District, Brunei
Contract Amount: USD 336.8 million
Contract Duration: Oct 1st, 2015- Nov 29th, 2019

Project Profile:
Total length of project: 11,800m
Total bridge Length: 11,280m
Main line bridge superstructure: Simple supported π shaped beam
Labu river bridge: Three spans continuous prestressed concrete bridge
Main line bridge span arrangement: 12mx940
Labu river bridge span arrangement: 60m+100m+60m Main span length:100m
Main line bridge foundation: Prestressed concrete spun piles
Labu river bridge foundation: Bored piles

Infrastructure Developments

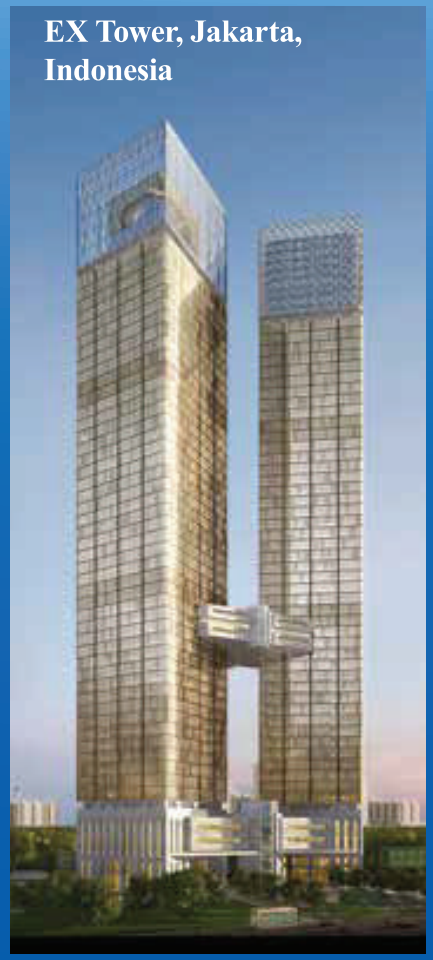
Skyscrapers

90% of super high-rise buildings exceeding 300m in height in China are constructed by CSCEC

310m

82-Storey
Residential
Structural Engineering

300m



55 and 44-Storey
Mixed and 44-Storey
Mixed-use (Offic3, Service
Apartment and Retail)
MEP Engineering

298m

70-Storey
Mixed-use
Office Service Apartment
and Retail)
MEP Engineering

290m

64-Storey
Office-use
Retail, Office, Hotel and
Residential
MEP Engineering

280m

63-Storey
Office
Civil, Structural, Geotechnical
Geotechnical and
MEP Engineering

267m

60-Storey
Office
Structural, and Facade
Enginering

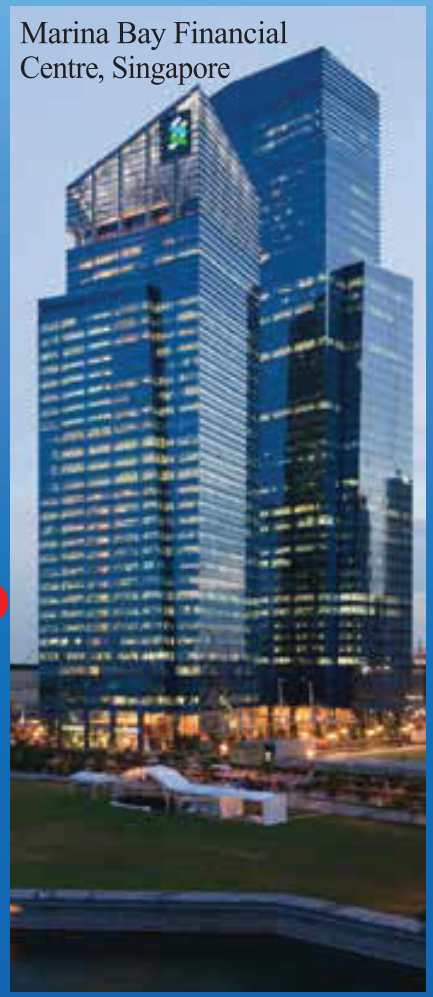
258m

74-Storey
Residential
Structural Enginering

251m

65-Storey
Office
Structural Enginering

245m



61, 56, 51 and 33-Storey
mixed-use
Office and Residential and Retail
Civil, Structure, Geotechnical and
MEP Engineering

245m

50 and 33-Storey
Office
Civil, Structural, Geotechnical
and MEP Engineering

245m

70 and 63-Storey
Residential, Civil, Structure,
Geotechnical and
MEP Engineering

200m

52-Storey
Office
Structural and Value
Engineering

358m

81, 65 and 52-Storey
Mixed-use
Office and Residential
Lead Consultancy
Project Management
Civil, Structural, MEP
Fir Engineering

343m

76-Storey
Mixed-use
Hotel and Residential
Structural Engineering

342m

65-Storey
Mixed-use
Hotel and Residential
MEP and Facade Engineering

330m

68 and 58-Storey
Mixed-use
Office and Residential
Structural and MEP
Peer Reviewer, Technical
Advisor, Facade
Engineering and BMU

MAK Tower Project Complex

Location: Ulaanbaatar city, Mongolia.
Contract Amount: USD 110 million
Contract Duration:June 2020-Dec 31, 2022

Project Profile:
This project is a large-scale urban complex project integrating commercial, office, entertainment, catering, hotel, automatic parking and other functions
Tower floors: 44-storeys
Tower height: 203.5 m
Total built-up area of tower: 80,486m2
Total built-up area of parking lot :30,000m2

Mongolian Nations Ethnographic Museum & Hotel & Supporting Facilities

Location: Ulaanbaatar city, Mongolia
Contract Amount: USD 116.8 million
Contract Duration: Jan 3rd,2019-Jan 2nd 2022

Project Profile:
Total built-up area:16,800m2
Building height:33.9m

Aykon City Tower B

Location: Dubai, UAE
Contract Amount: AED589 million(USD159million)
Contract Duration: May 16th, 2018- Jun 14th, 2021

Project Profile:
The Aykon City Tower B is a mixed use development located beside Dubai Water Canal at Dubai Business Bay.
Total built-up area: 160,000 m2
Building height: 246.6m
Building structure: Frame-core tube structure
On ground: 65-Storeys
Underground: 2-Storeys

Dubai Silicon Park Project

Location: Dubai, UAE
Contract Amount: AED939.8 million (USD 255.3 million)
Contract Duration: Jul 31st 2016- Dec 31st, 2019

Project Profile:
Total built-up area: 237,981 m2
Total land area:98,060 m2
23 single buildings includes: 8 office buildings, 8 building for boutiques, 3 residential buildings, 1 business center, 1 hotel, 1apartment, 1 fitness center

Aykon City Tower C

Location: Dubai, UAE
Contract Amount: AED512 million (USD 144 million)
Contract Duration:Aug 30th, 2018- Oct 12th,, 2021

Project Profile:
The Aykon City Tower C is is located on Sheikh Zayed Road overlooking Dubai Canal.
Total built-up area: 160,042 m2
Building height: 232m
Building structure: Frame-core tube structure
On ground: 61-Storeys
Underground: 3-Storeys

Dubai Expo Village Project

Project Profile:
Location: Dubai, UAE
Contract Amount: AED412.6 million(USD 116.23 million)
Contract Duration: Oct, 16th 2017- Oct 5th, 2019

Project Profile:
Total land area : 22,756.10 m2
Total Built-up area: 100,157.9m2
Building structure Frame-core tube structure
Scope of works includes: earthworks, concrete works, metal works, waterproof and thermal insulation works, door and window works, finishing works, curtain wall works, outdoor landscape works

Mongolia TDB New Headquarter

Location: Ulaanbaatar city, Mongolia
Contract Amount: USD 39million
Contract Duration: Aug 3rd,2018- Nov 14th, 2020

Project Profile:
Total built-up area: 64,970 m2
Above ground: 28-Storeys
Underground: 3-Storeys
Building height: 154.5 m
Structure type: Frame-core tube+shear wall structure
Maximum deep excavation depth:20m

Marina Vista Project

Location: Dubai, UAE
Contract Amount: AED343.31 million (USD 93.2million)
Contract Duration: Dec 7th, 2019- Jun 3th, 2021

Project Profile:
The project is located along Emaar Beach Front, in close vicinity of the Jumeirah Beach, which overlooks the Palm Jumeirah
Built-up area: 113,100 m²
Project includes: 2 residential buildings
Tower 1 : 35-storeys,131.85 m
Tower 2: 45-storeys,171.35m
Also includes: Earthworks, all reinforced concrete works, masonry works, waterproof & insulation works, MEP works

Project Profile:
Total built-up area:11,900 m²
The floors of hotel: 23
Building height:73.2 m

Pattaya Mountain Bay TTL Condo

Location: Pattaya, Thailand
Contract Amount: THB300 million (USD10million)
Contract Duration: Jan 2020 -Jan 2022


Shanghai Tower


The Marina Bay South Shores
Manila Philippines

Bangkok Rama3-Sales Office

Location: Bangkok, Thailand
Contract Amount: THB 40 million (USD1.33million)
Contract Duration: Jan 2020 to Jul 2020

Project Profile:
Total built-up area:1,100m2
Building height:9.8m

1/25 Chinese living in the house contructed by CSCEC

1/3 municipal pipe galleries are constructed by CSCEC

AVIC International Exchange Center

AVIC International Exchange Center
Location: Chengdu, Sichuan Province
Gross Floor Area: 300,000 m2
Project Cost: RMB 520 million
Project Function: office buildings, residential buildings, SOHO, service hotel

Large aircraft integrated laboratory plant for China Commercial Aircraft R & D center

Location: Shanghai Zhangjiang Hi-Tech Park, Shanghai
Gross Floor Area: 24,725m2
Building Height: 25.50 m
Span:51 m
Project Cost: RMB 99.53 million

Xiamen International Center

Location: Fujian Province
Contract Amount: US$ 74.8 million
Contract Duration: Jun 1st, 2013- Aug 1st, 2015

Tianjin Baolong International Center

Location: Binhai New Area, Tianjin
Contract Amount: US$230.8 million
Contract Duration: Apr 15th, 2011- Aug 30th, 2012

Yatai Sanguine Kemao Square

Location: Taiyuan, Shanxi Province
Gross Floor Area: 180,000m²
Project Cost: RMB 900 million
Numbers of Floors: Block A:39 floors (East Tower) Block B 37 floors (West Tower)
Building Height: East Tower:167.50 m
West Tower:163.90m
Project Function: five-star hotels, 5A office building multi-functional modern building

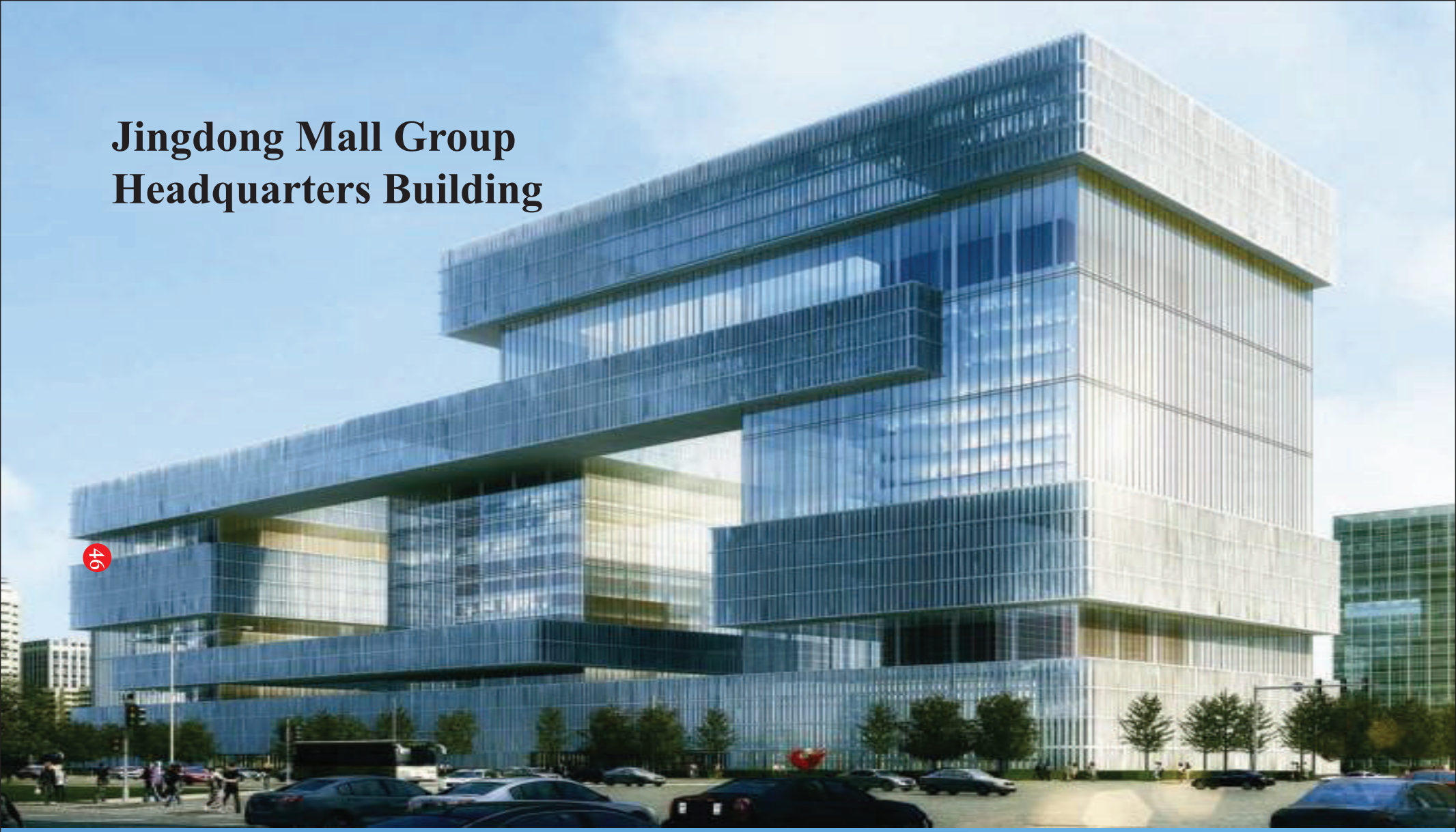
Customer Service Center for Agricultural Bank of China, Tianjin

Location:Tianjin Binhai High-tech Industrial Development Zone
Gross Floor Area: 120,000m²
Numbers of Floor: Above ground :12 floors, Underground: 1 floor
Single Span (Max): 40 m
Structure: Steel Structure
Project Cost:RMB 330 million
Project Function: office, meeting, training, underground facilities for the use of housing and parking

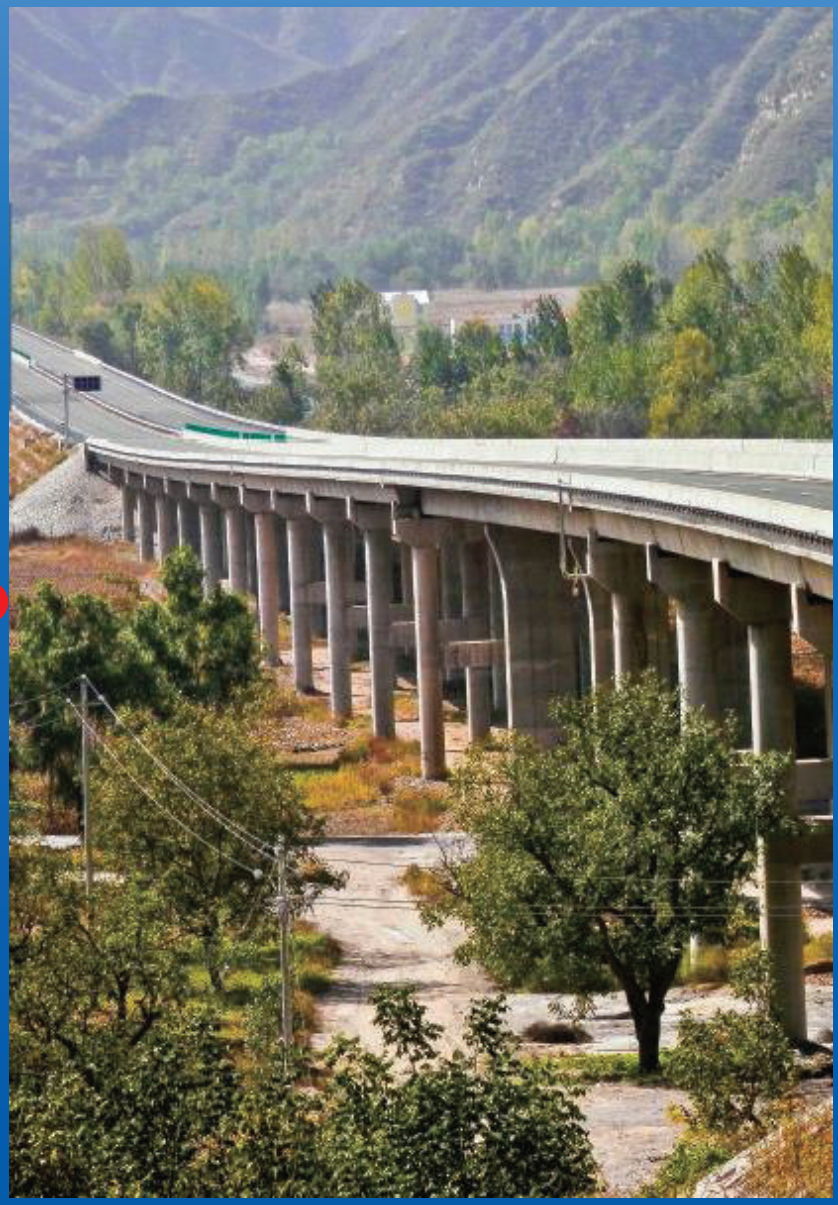
A new school district construction projects for China Automotive Technology and Research Center

Location:Tianjin Dongli Economic Development Zone
Gross Floor Area: 130,000m²
Structure: reinforced concrete frame structure
Numbers of Floor: above ground :9 floors basement: 1 floor
Project Cost: RMB 560 million

Jingdong Mall Group Headquarters Building



Location:Beijing Economic and Technological Development Zone, Beijing
Gross Floor Area: 280,000m2
Numbers of Floors: underground :3 floors
Project Cost: RMB 1 billion



ROAD

Project Name:Section LJ7 for Subgrade, Bridge and Tunnel Construction Works of Wutai-Meng County Expressway in Shanxi Province
Location: Yangquan City, Shanxi Province
Contract Amount: US$43.3 million
Contract Duration: Apr 2nd, 2011- May 31st, 2012

Project Profile:
Total project length: 4.9 km
Road grade: First-grade
Subgrade length: 2.3km
Subgrade stonework:2,398,774.3 m3
Fill:1,306,728.2 m3
Cut:1,092,046.1 m3
Armor rock protection and drainage: 37,600 m3
Also include: 10 bridges

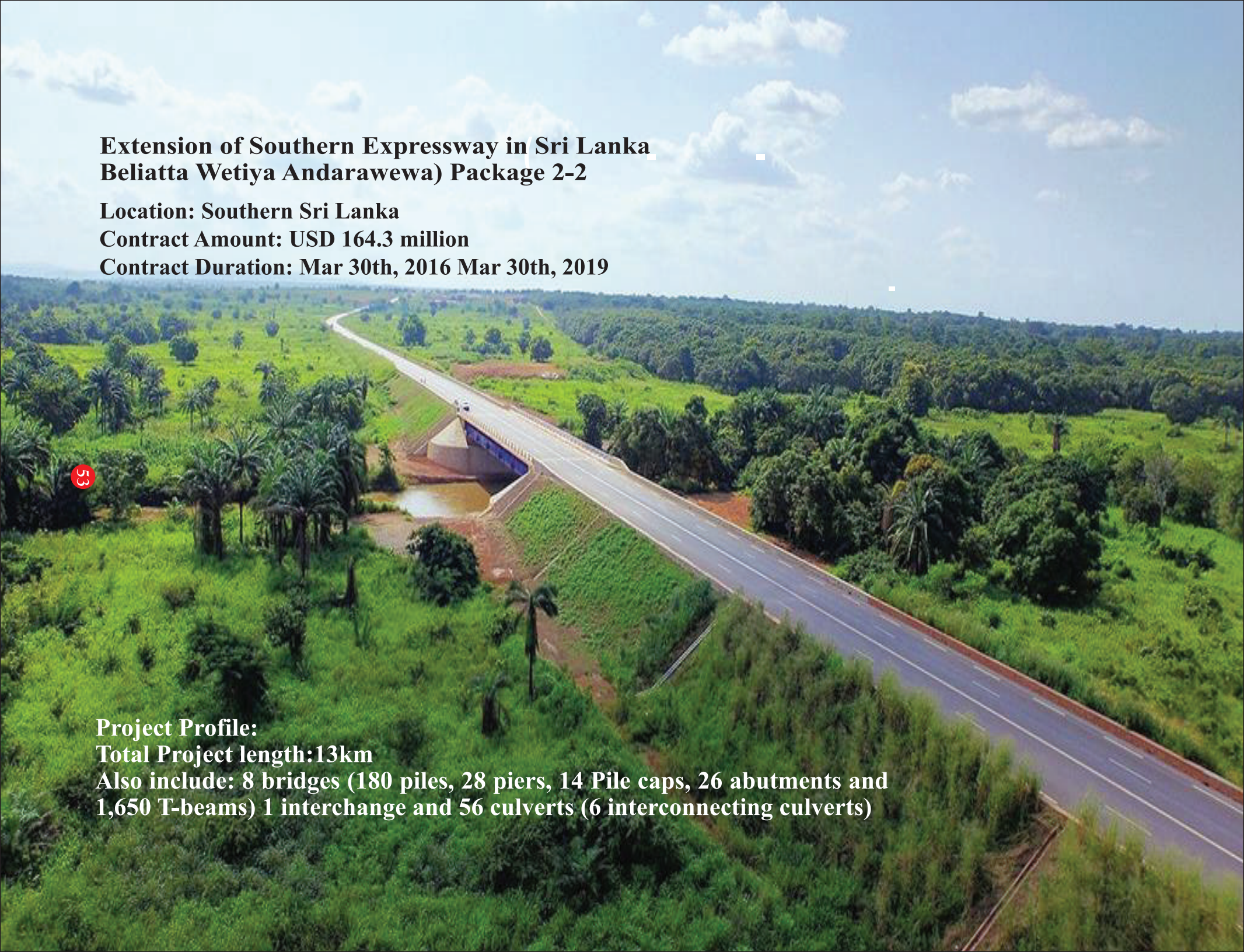

Complex Interchangeable Highway Houston
69

Complex Interchangeable Highway Shanghai

Hegang-Dalian Expressway from Jingyu to Tonghua

Location: Jilin Province
Contract Amount: US$ 772.2 million
Contract Duration: Apr, 2014- Oct 27th, 2016

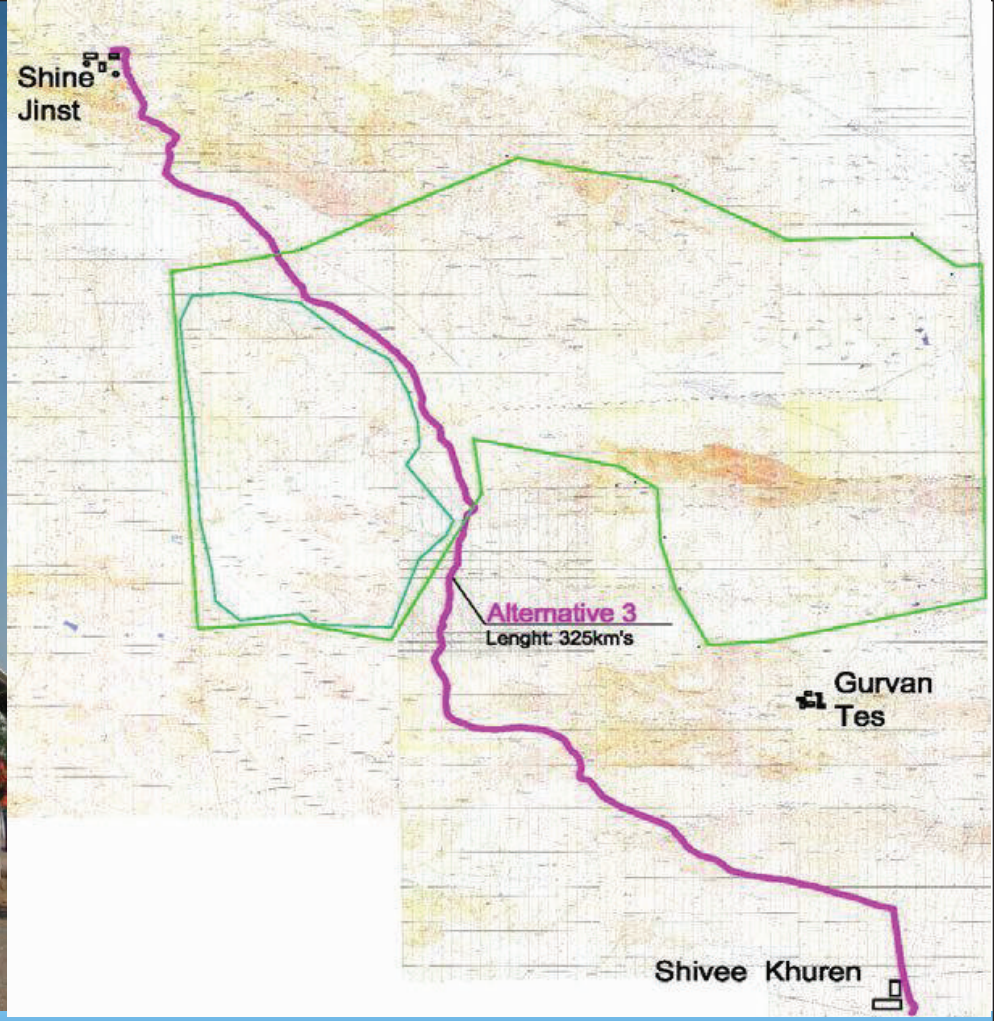
CSCEC's first expressway project exceeding 100km



Extension of Southern Expressway in Sri Lanka Beliatta Wetiya Andarawewa) Package 2-2

Location: Southern Sri Lanka
Contract Amount: USD 164.3 million
Contract Duration: Mar 30th, 2016 Mar 30th, 2019

Project Profile:
Total Project length:13km
Also include: 8 bridges (180 piles, 28 piers, 14 Pile caps, 26 abutments and 1,650 T-beams) 1 interchange and 56 culverts (6 interconnecting culverts)



EPC PROJECT FOR Shinejinst – Shiveekhuren Coal Haul Road (261.4 km)

Location: Mongolia
Contract Amount: USD215 million
Contract Duration: July 2019 -ongoing

Project Profile:
The project will become an important channel for The Raw Coal of Mongolia to China, when it completed.
Road type: coal heavy-duty highway
Length of road : 261.4 km

ROAD

Project Name: Wuhan Northern 4th Ring Expressway
Location: Wuhan City, Hubei Province
Contract Amount: US$88.9 million
Contract Duration: Dec 31st, 2015-Dec 311st, 2018

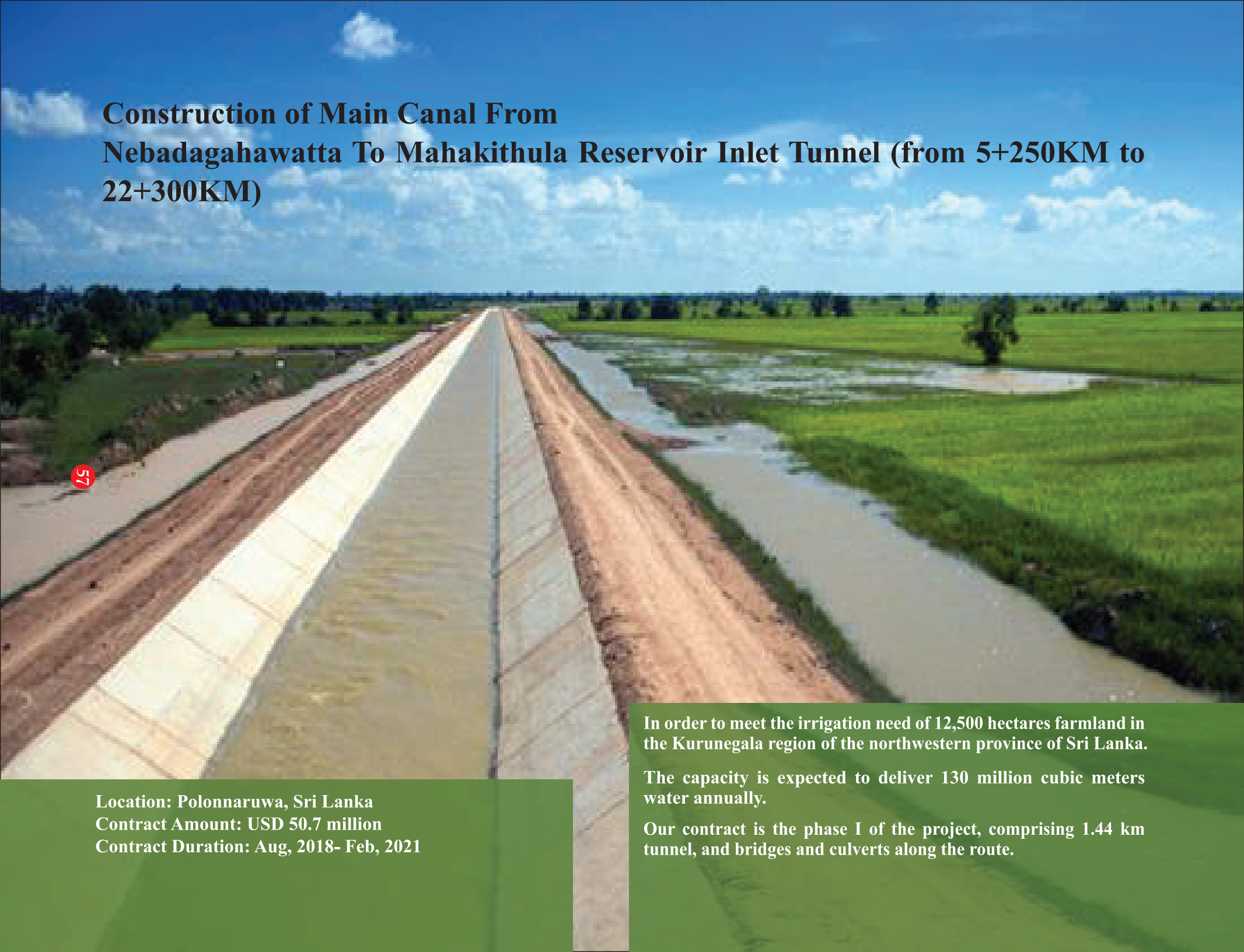
Project Profile:
Section TJ8-2 the line is 3.5km in length, the whole line is elevated highway
Road standard: Dual, 8 lanes
Design speed: 100km/h
Total concrete amount: 283,00m3
Total Steel reinfocement amount: 46,510.9tons
Bored piles: 830

ROAD

Project Name: Package LBAMSG-1 of JingXin Expressway Linhe-Baigeda Section(Alashan)
Structure layer:
Location: Jartai town, Alashanmeng, Inner Mongolia Autonomous Region
Contract Amount: US$197.9 million
Contract Duration: Dec 30th, 2014-Jun 30th, 2017

Project Profile:
Subgrade earthwork: 8,435,000 m³
Fill: 6,777,600 m3 (earth: 5,577,700 m3, stone: 1,199,900 m3)
Cut: 1,657,400 m3 (earth: 632,400 m3, stone: 1,025,000 m3)
Structure layer: 36cm cement stabilized gravel subbase course + 18cm cement stabilized gravel base course + 16cm asphalt concrete surface course
Pavement area: 1,237,806.1m2 (7cm AC-25+ 5cm AC-20+ 4cm AC-13)
Also include: 94 bridges and culverts

Construction of Main Canal From Nebadagahawatta To Mahakithula Reservoir Inlet Tunnel (from 5+250KM to 22+300KM)



Location: Polonnaruwa, Sri Lanka
Contract Amount: USD 50.7 million
Contract Duration: Aug, 2018- Feb, 2021

In order to meet the irrigation need of 12,500 hectares farmland in the Kurunegala region of the northwestern province of Sri Lanka.

The capacity is expected to deliver 130 million cubic meters water annually.

Our contract is the phase I of the project, comprising 1.44 km tunnel, and bridges and culverts along the route.

Satellite

3/4 satellite launch centers are constructed by CSCEC

SIHE 120MW COAL-BED METHANE POWER PLANT, SHANXI PROVINCE, CHINA, THE WORLD LARGEST COAL-BED METHANE INNOVATIVE POWER PLANT

The project is constructed in such a way that the coal-bed methane from the Sihe Mine is used as the fuel to generate electricity. It consists of sixty 1.BMW gas turbine generators, twelve 6T/H HRSGs and four 3MW condenser type turbine: generators. At the same time, the gas engine cylinder liner water heat exchanger is used to recover and utilize some heat so as to form the combined cyclic power generation devices.
As the largest coal-bed methane power plant with a capacity of 120MW, it provides an annual power supply of 840 million kWh. and heat supply of 234 thousand GJ, with an annual consumption of mine methane of 385 million m, which has improved the safety of coal mine and contributed to clean energy and environmental protection.

SOLAR PHOTOVOLTAIC PROJECT AT YAN QI LAKE RESERVOIR IN BELING (APEC CONFERENCE CENTER)

FUFENG 200MW WIND FARM PROJECT IN WEICHANG COUNTY OF CHENGDE CITY OF HEBEI PROVINCE

ENVIRONMENTAL PROTECTION

CNEEC is pursuing its mission of "Clearing and Purifying the Nature" which discloses its another dominant business of environmental protection. It is very experienced in terms of flue gas desulphurization, denigration, dedusting, sewage disposal, waste disposal, gas-fired heat supply, etc. It is devoted to environmental protection of project site and life quality improvement with reasonable rectums.

HILLAH SEWAGE TREATMENT PLANT EPC PROJECT AT BABYLON PROVINCE OF IRAQ

It is currently the largest project on people's livinghood undertaken by Chinese company. Its daily capacity is 107,000m2 which will competently serve the 500,000 population of Hillah city in the next 25 years.

INDONESIA THERMAL POWER PLANTS

SEWAGE DISPOSAL AND ESP OF

ZHALANTUN REFUSE DECONTAMINATION PROJECT, CHINA

YANGFANG WASTE WATER TREATMENT PROJECT IN CHINA (CAPACITY: 120,000T/D)

SHUANGYUSHU HEAT SUPPLY PLANT, CHINA, AWARDED GOLD MEDAL OF STATE OUTSTANDING DESIGN.

HUADIAN ENERGY CENTER PROJECT AT CENTRAL CANAL REGION OF TONGZHOU DISTRICT

Al-Shadadiya Industrial Zone Infrastructure Work Project

Location: Kuwait City, Kuwait
Contract Amount: KWD 31 million (USD102million)
Contract Duration: Sep 2019-Nov 2020

Project Profile:
Al-Shadadiya Industrial Zone Infrastructure Project is located in Ahmadi Province with the scopes of works comprising the roads, pipeline networks and other facilities.
Total length of rainwater pipeline: 39,435 m
Total length of sewage pipeline: 81,272 m
Total length of road: 44km

OTHERS

With extensive business and diversified service, CNEEC has achieved success by undertaking many important domestic and overseas projects in the fields of mining, transportation, factory construction, international trading, scientific research & development and other industries.

FAR EAST KSG (KIMKAN, SUTARA AND GARINSKOYE) IRON ORE MINING PROJECT, RUSSIA

The KSG Iron Ore Mining Project is implemented over three stages with a total investment of approximately USD 2 Billion. On March 23, 2010, Mr. Xi Jinping as vice-president, Ms. Liu Yandong as State Counselor of China and Mr. Zhukov as Deputy Prime Minister of Russia witnessed the signing of the EPC Contract Cooperation Agreement of the project by CNEEC.

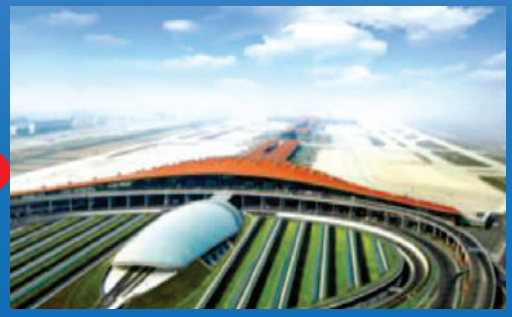
Stage 1 - Development of Kimkan Iron Ore Mine for ore beneficiation plant with an annual iron ore production of 10,000,000 tons and iron ore concentrate with an average grade of no less than 65% Fe.

Stage 2 - Development of Garinskoye Iron Ore Mine and expansion of ore beneficiation plant and infrastructure of Kimkan Mine, which will increase the production of iron ore concentrate with an average grade of no less than 65% to 8,300,000 tons. Stage 3 – Development of Sutara Iron Ore Mine for a metallurgical DRl plant with an annual sponge iron production of 2,500,000

MARAMPA IRON ORE EPC PROJECT IN SIERRA LEONE.

The scope of work includes upgrading the processing plant to an annual capability of 6.2 million tonnes high-grade iron :ore concentrate (>65% Fe grade), and build a:35MW HFO captive power plant. Sierra Leone has abundant mineral reserves, and the mining industry is the backbone of its local economic development. The Marampa, which is considered as one of the largest iron ores in Sierra Leone, has been playing a vital role in stimulating the domestic economy

TRANSPORTATION



2ND, 3RD AND 4TH PHASES OF QINHUANGDAO COAL TERMINAL, THE WORLD LARGEST COAL HANDLING HARBOR

TEHRAN METRO LINES, IRAN

Tehran Metro Project (Lines 1 and 2) is one of the most significant subways and light rail transit projects undertaken by CNEEC abroad. Ever since 1996, CNEEC has been making a great contribution to it.

High Voltage Network package is a turn-key EPC project comprising five 63/20kV substations and 100km of 63kV power cable and being awarded the Second Class Prize of Beijing Science Process and the Third Class Prize of National Machinery Industry Science.

CNEEC has also undertaken the Low Voltage distribution package of Metro lines 1, 2 and 4 of Tehran Metro Project, including manufacturing, supply. installation and commissioning of over 130 lighting & power substations, 55. rectifier substations, 750V DC traction system, contact rail, cables and other equipment as well as the training for local personnel.

Also, CNEEC has installed air-conditioning: system for 42 vehicles of lines 1 and 2 in two phases and provided the operation & maintenance training for local personnel.

FACTORY CONSTRUCTION

BEIJING ICE CREAM FACTORY OF WALL'S (CHINA) CO., LTD.

SHELL (TIANJIN) PETROCHEMICALS CO., LTD.

ASSEMBLY WORKSHOP OF 1000MW POWER MANUFACTURING WORKSHOP OF 1700MW GENERATOR OF HARBIN ELECTRIC GROUP

MANUFACTURING WORKSHOP OF 1700MW NUCLEAR POWER GENERATOR OF DONGFANG ELECTRIC CORPORATION

INTERNATIONAL TRADING

EXPORT OF MECHANICAL AND ELECTRICAL PRODUCTS

IMPORT OF MEDICAL APPARATUS AND INSTRUMENTS

EXPORT OF ENVIRONMENT-FRIENDLY COACHES

RAILWAY

Section TCSG-3 of Construction of Tangshan-Caofeidian Railway

Tangshan City,Hebei Province
Contract Amount: US$ 77 million
Contract Period: Mar 1,2015-Jun 30,2016

Project Length: 10.44km
Project Includes: 1 station,2 bridges and 33 culverts

LIGHT RAIL

Section Jiangjin of Chongqing Light Rail Transportation Extension Line

Jiangjin District, Chongqing City
Contract Amount: US$ 498 million
Contract Period: Jul 1,2015-Dec 31,2018

Project Includes: 6 station
Overall Length: 26.7km
Underground Line: 9.2km
Elevated Line: 15.1km
Ground Line: 2.4km

RAILWAY

Section SDTJ-3 of Shenyang- Dandong High-Speed Passenger Railway

Dandong City, Liaoning Province
Project Owner: Beijing-Shenyang Railway Passenger Dedicated Line Liaoning Co., Ltd Contract Amount: US$ 930.2 million
Contract Period: Mar 18,2010- Sep 30,2013

Project Length: 92.1km
Design Speed: 250km/h
Track Type: Ballastless
Project Includes: 31.9km/44bridges, 40.7km/34 tunnels, 3station, 18.9km subgrade
Jinjiangshan Tunnel Length: 4,605m
Crossing Bridge Type: (80+128+80)m long-span continuous girder
Bridge Characteristic: Crossing over the Dandong-Tonghua Highway

Contract Section R1 of Tianjin Metro Line 6 Project Civil Works

Location: Tianjin City
Contract Amount: US$ 291.1 million
Contract Duration: Feb 1st, 2013- Mar 31st, 2015

RAILWAY

Section TJ-2 of Harbin-Dalian High Speed Passenger Railway

Northeast Three Provinces of China
Contract Amount: US$ 1452.4 million
Contract Period: Sep 1,2007-Oct 1,2011

Project Length: 162.8km
Project Characteristic: Located in chill cold area
Design Speed: 350km/h
Track Type: Ballastless
Project Includes: 106.3km/24 bridges, 56.6km subgrade
The Length of Wenguantun Bridge: 23,917.2m The Length of Shenbei Bridge: 11,035.4m

Railway

Maijiatai Hongliugou Bridge of Taiyuan-Zhongwei-Yinchuan Railway

Yinchuan City, Ningxia Hui Autonomous Region
Contract Amount: US$ 473 million
Contract Period: Nov 7,2006-Jun 25,2010
Bridge length: 2,568 m
Bridge span : 79x32 m
Pier: 79 (51 thin-walled hollow pier)
Maximum Pier height: 66 m

RAILWAY

Contract Section SWZQ-5 of Shijiazhuang to Wuhan High-Speed Passenger Railway

Xuchang city and Luohe city of Henan province
Contract Amount: US$ 382.5 million
Contract Period: Jun,2009-Jul,2012

Project Length: 35.4km Design Speed: 350km/h
Track Type: Ballastless Bored hole grouting pile: 519,342.65 linear m
Pile cap masonry: 152,340.37m3
Pier Masonry: 135,782.52m3
Bridge Superstructure: 1018-hole (32m) and 24- hole (24m) Prestressed Concrete Box Beam and 10 joints four kinds of prestressed concrete continuous beam
Non-ballasted track: 70.71km

RAILWAY & RAILWAY STATION

Railway Length: 80.7km
Design Speed: 200km/h
Track Type: Ballastless
Tunnel Length: 4,815m
Grand Bridge Crossing Over the Western Expressway: (60+100+60)m continuous steel structure bridge for the double-track railway

HXZQ-6 Partial Works of Haikou Xihuan Station to Fenghuang Airport Station

Haikou City, Hainan Province
Contract Amount: US$ 499.4 million
Contract Period: Sep 29,2013-Dec 30,2015

Railway

Project Section ZQ-2 of Ganzhou- Shaoguan Railway

Shaoguan City, Guangdong Province
Contract Amount: US$ 276.2 million
Contract Period: Jul,2009-Nov,2012

Project Length: 109.6km
Design Speed: 200km/h
Track Type: Ballastless
Meiling Tunnel Length: 4,082m
Meiling Tunnel Characteristic: Weak surrounding rocks, shallow depth and complex geology passed through 5 faults
Mojiang River Bridge: 1120.86 m
Yunrao tunnel (Yunrao No.1 tunnel: 531 m and Yunrao No.2 tunnel: 486 m)
Situated radius: 3000 m
Longitudinal slope: -4.0 %% of the curve

Section EHSG-2 of Ajna-Hami Railway

Location: Inner Mongolia Autonomous Region
Contract Amount: US$ 104 million
Contract Duration: Jun 30th, 2014-Jun 30th, 2017

CSCEC's first gobi railway project exceeding 100km, constructed by CCSEB

INFRASTRUCTURE PROJECTS

As CSCEC'S sole subsidiary trasition to infrastructure, CCSEB obtains the core advantages in infrastructure projects such as bridge, subway & light rail and railway as well as highway and municipal works.

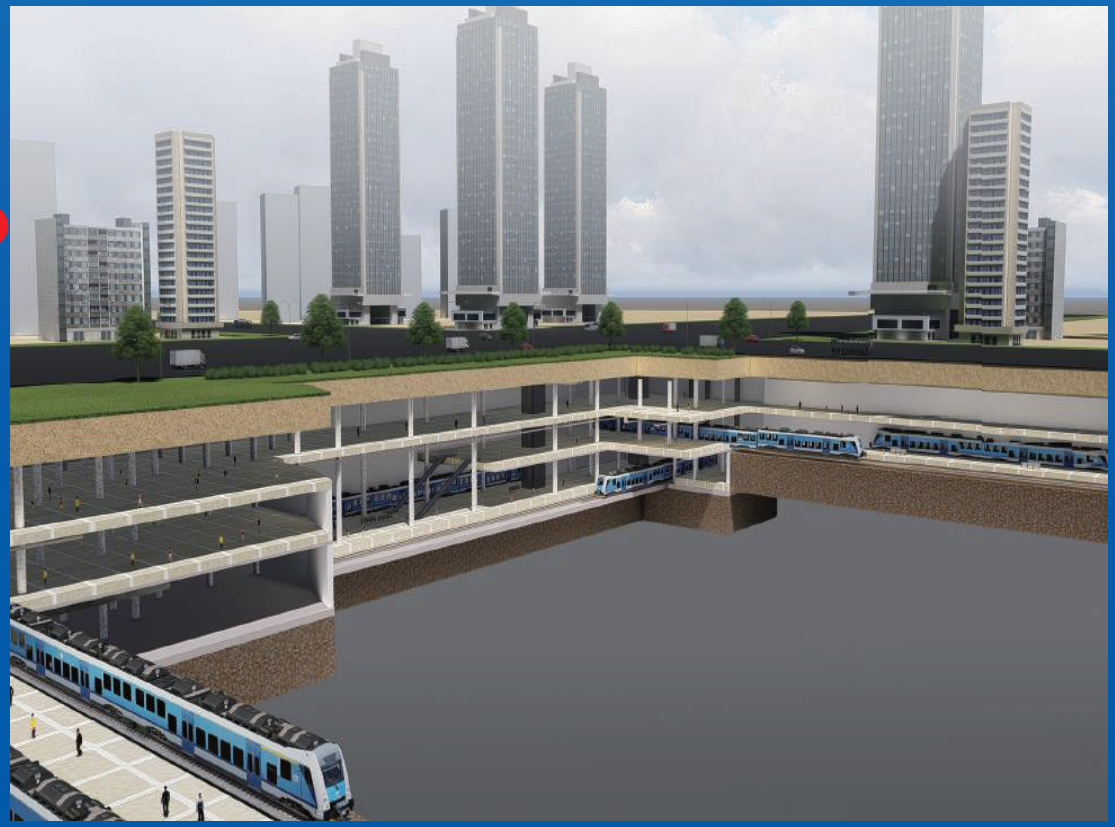
Contract Section 04 of Urumqi Rail Transit Line 1 Project Civil Works

Urumqi City, Xinjiang Uyghur Autonomous Region
Contract Amount: US$ 94.8 million
Contract Period: Mar 20,2014- Dec 25,2019

Project Includes: 1 station and 1 section
Station Construction Method: Covered and cut top-down method
Station Area: 51,659m2
Station Type: Island-type platform station with three underground floors
Tunnel Construction Method: Mining method Tunnel Length: One-way of 786.7m
Tunnel Depth: 22.3-26.4m
Tunnel Geological Conditions: In the water-rich rubble,severely weathered mudstone and sandstone strata

METRO

Contract Section 10 Tianjin Metro Line
10 Phase-I Project Civil Works
Tianjin City
Contract Amount: US$ 57.4 million
Contract Period: Sep 1,2015- Jun 30,2019

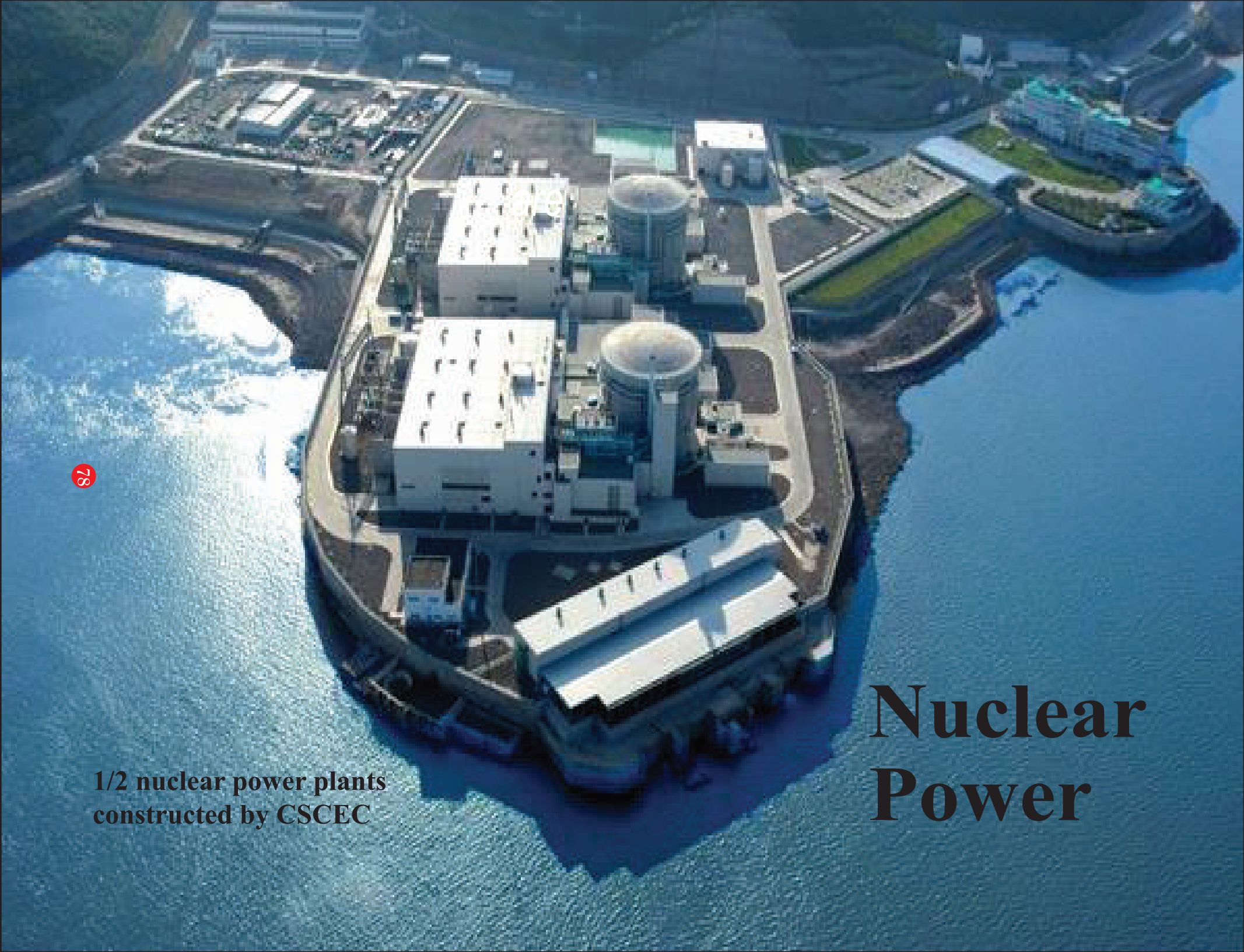


Project Includes: 1 station and 1 sectio
Station Covering Area: 46,685m2
The Largest Single span: 9.25m
The Maximum Depth: 25.67m
Total Length: 883m
Tunnel Area: 30 m2

Package 07 of Xuzhou Urban Rail Transit Line 1 Phase-II Project

Xuzhou City, Jiangsu Province
Contract Amount: US$ 166.7 million
Contract Period: Nov 1,2014 Dec 31,2017

Project Includes: 3 stations(1 transfer station),2 tunnel boring sections,2 mining method sections, 1 open cut section,1 viaduct bridge and 1 control center
Underground Line: 20.869 km



Nuclear Power

1/2 nuclear power plants constructed by CSCEC

CNEEC has successfully undertaken dozens of large domestic hydraulic power plants, including the world-famous. Three Gorges Dam as well as many others in over 20 countries in Asia, America, Africa and Oceania, which have won customer trust by outstanding performance and reliable quality.

CNEEC has participated in the research and evaluation of the generating units for this project. It has undertaken the technology introduction and organized the manufacturing of 6 domestic generating units.

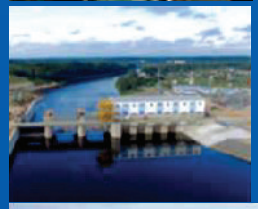
As the national key projects of Uzbekistan, Andijon II 2x25 MW and Akhangaran 2x10.5MW power plants are the first hydro-power plants undertaken by Chinese enterprise in Central Asia, highly valued by Uzbekistan government. and local Chinese Embassy.

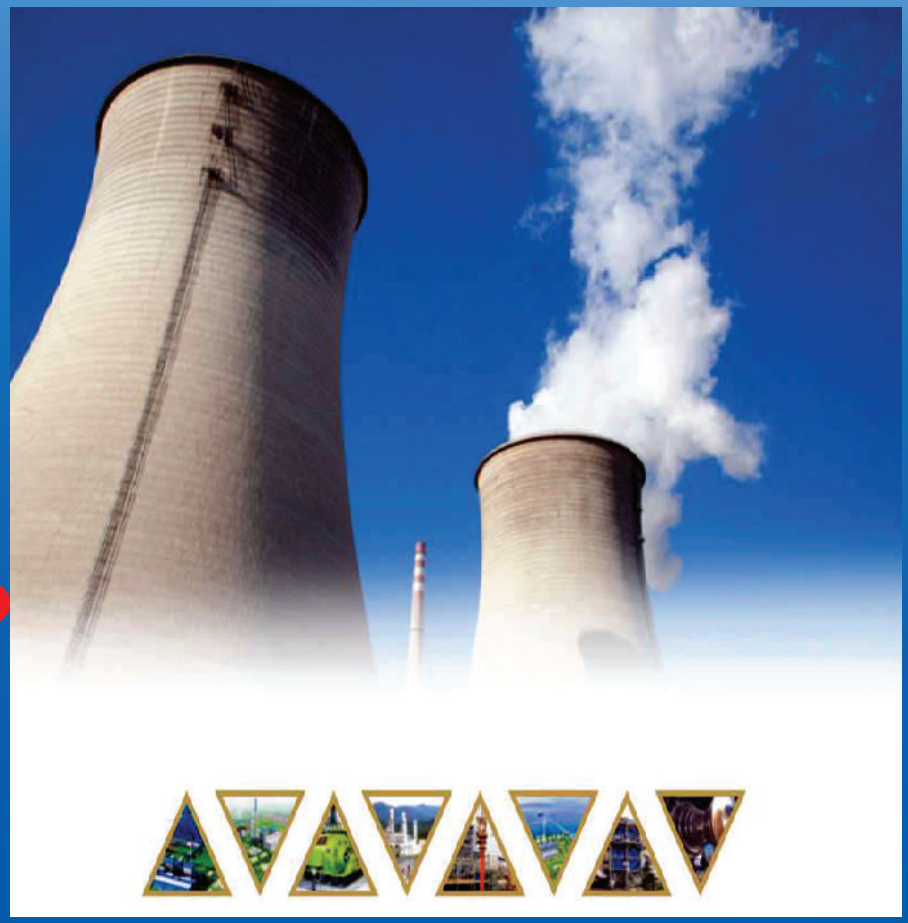
ZUNGERU4X175MW HYDROPOWER PLANT IN NIGERIA

The Zungeru Hydropower Plant in Nigeria is located on the middle and upper reaches of River Kaduna near Zungeru, Niger, Nigeria with a total installed capacity of 700MW, including four 175MW Francis turbines. This is the largest hydropower plant in Nigeria. The Project is the largest power plant project in Africa financed by the preferential export buyer's credit from China.

KENG TAWNG HYDRO-POWER PLANT, MYANMAR

As a diversion type power plant with the capacity of 55200kW, the project consists of 3 vertical shaft Francis turbine generators. Because of its excellent performance. after completion, the project has been pointed as a standard demonstration project by ministry of electricity of Myanmar government.





Energy

nergy is an essential factor for human survival and development, which booms the development of social economy. CNEEC is mainly engaged in energy industry with the mission of "Brightening and Warming the World". Based on its business expansion and innovation, it has achieved great success and accumulated abundant experience in the fields, both at home and abroad, of thermal power generation, hydraulic power generation, power transmission and distribution, clean energy and integrated energy solution.

CNEEC has undertaken over 300 thermal power plants, including various conventional thermal power plants, gas-steam combined cycle power plants, integrated drying gasification combined cycle power plants, industrial self-supplied power plants, co-generation power plants, gangue power plants, waste heat power plants, geothermal power plants, etc.

It is a national key project under the Sino-Indonesia energy cooperative framework agreement. CNEEC performs the EPC contractor in this project.
Located on Jawa Island, the plant is comprised of three 1050T/H boilers and three 330 MW steam turbine generators with direct seawater cooling system.
CNEEC is the EPC Contractor of this project.

SABAH 190MW COMBINED CYCLE POWER PLANT, MALAYSIA
CNEEC undertakes this EPC project, which is located at the provincial capital of Sabah, Malaysia, This combined cycle power plant consists of two gas turbine generators, two HRSGS and one steam generator, with a gross. capacity of 190MW, which has greatly eased the strain of local power supply

Sudan Power Project
SP-1, SP-2, SP-3, SP-4, SP-6, SP-7, SP-8 AND SP-9 POWER PROJECT, SUDAN
Ever since 1999, CNEEC has been engaged in the power market of Sudan by undertaking 8 SP power projects, mainly concerning construction and maintenance of diesel power plant, transmission lines and substations.

Anwar-awar 2x350mw Coal-fired Power Plant, Indonesia

Banjarsari 2x135mw Coal-fired Power Plant, Indonesia

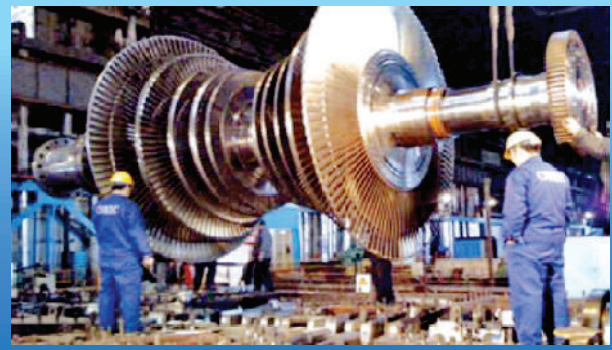
MORUPULE B4X 150MW COAL-FIRED POWER PLANT, BOTSWANA
This power plant is a national key project for the purpose of satisfying the domestic energy demand and reducing the electricity import from neighboring countries. It's the largest power plant in Botswana. CNEEC performs the EPC contractor in this project The plant includes four 520T/H CFB boilers and four 150MW condensing air cooled turbo-generator units. The 600MW power plant supplies electricity to State Grid of Botswana through a 400kV switch station.

MEGHNAGHAT 337/305MW DUAL FUEL COMBINED CYCLE POWER PLANT, BANGLADESH
The EPC project, which is not far from the capital of Bangladesh, is undertaken. by CNEEC with the owner of Summit Group, Bangladesh.
This combined cycle power plant consists of two gas turbine generators, two HRSGS and one steam enerator. The project has been awarded the Best Power Plant of Bangladesh at the National Electricity Conference 2014.

HONGSA 3× 626MW COAL-FIRED POWER PLANT, LAOS

HONGSA 3x626MW Coal-fired Power Plant is under the framework agreement on energy cooperation between Thailand and Laos. CNEEC performs the EPC contractor in this project.

The project is located in Hongsa town of Laos 30km from the frontier with Thailand. It is 5km far away from the opencast lignite mine and is a pit mouth power plant. Most of the electricity will be transmitted to the state grid of Thailand via 500kV power transmission lines, while the rest will be transmitted to the state grid of Laos via 115kV power transmission lines, Officially recognized by the Ministry of Commerce of China, it is the largest export thermal power plant in terms of capacity and contract value ever since the founding of P.R.C.



REHABILITATION & ENHANCEMENT OF 7X 300MW SUPER-CRITICAL THERMAL POWER
PLANT, AZERBAIJAN

The project is composed of eight 300MW supercritical oil/gas-fired generator units, and is the largest power plant of the nation which was originally constructed between 1981 and 1990, CNEEC is responsible for the enhancement and rehabilitation of seven units, increasing the capacity to 330MW after completion. It's currently the single largest project of rehabilitation and enhancement in the world.

MARIVELES 2X300MW COAL-FIRED POWER PLANT, PHILIPPINES

The EPC project, located in Luzon Island and not far from Mariveles Port, is undertaken by CNEEC with the owner of Black Stone Group, US.

It is composed of two 1100T/H boilers and two supercritical condensing steam turbines by seawater cooling. The Frequency is 60Hz

CLEAN ENERGY & INTEGRATED ENERGY SOLUTION

Under the guideline of state industry policy, CNEEC has been actively developing projects of new energy and providing integrated energy solutions for the purpose of energy utility and saving, emission reduction and environmental improvement. With its advanced technologies applied to many projects, it has accumulated abundant experience and presented its advantages especially in the fields of natural gas, coal-bed methane, blast-fumace gas combined cycle power generation, biomass power, marsh gas power, waste to energy power, cement kiln waste heat power, wind power and solar power.

Tpi Pp Waste Incineration Power Plant In Thailand With Currently Installed Capacity Of 200mw, Is The Largest Waste Power Plant All Over The World.

Tpi Pl 2x 18mw Cement Kiln Waste Heat Power Plant, Thailand, The World Largest Cement Kiln Waste Heat Powerplant

Flash Combined Power Generation Project For Huafeng Coal Mine Of Xinwen Mineral Group, China, A Demonstration Of Waste Heat Utilization Thermal Power Plant

Reppie 25mw Waste-to-energy Project, Ethiopia. The First Waste To Energy Facility In Africa

Weigang 50mw Blast-furnace Gas Power Plant, The First Blast-furnace Gas Power Plant In China

It is the very first investment project from Canada to China as well as the first blast-furnace gas power plant in the country. The successful performance has become a good demonstration for the environmental protection and energy saving of domestic steel factories.

POWER TRANSMISSION AND DISTRIBUTION

CNEEC has undertaken diversified EPC projects of power transmission and distribution in the fields of electricity industry, metallurgy, fossil oil, chemical industry, coal, harbor, public utilities, etc.

500kV Transmission Line 3rd Circuit Jamshoro- Moro-Dadu to Rahim Yar Khan
This project is in the first section of the Pakistan power grid from Jamshoro-Moro-Dadu to Rahim Yar Khan. The scope of work covers design, supply, installation, testing and commissioning of the 202km 500kV transmission line from Jamshoro to Moro. CNEEC is the EPC contractor for this project.

NEW LAHORE 500/220kV SUBSTATION EPC PROJECT

AND ITS EXTENSION PROJECT IN PAKISTAN

KHACHMAZ 330KV SUBSTATION AND TRANSMISSION LINE, AZERBAIJAN
As a national key project, it consists of one brand- new 330/110/10kV substation and its corresponding 330kV and 110kV transmission lines for the purpose of domestic power supply and export of electricity to neighboring countries.
This project is the very first project for CNEEC in Azerbaijan power market and is in excellent performance after completion.

ADB-51 Ghazi Barotha 500/220kV GIS Interconnection Rehabilitation.

NEW LAHORE 500/22KV SUBSTATION EPC PROJECT AND ITS EXTENSION PROJECT IN PAKISTAN

QUANZHOU 500kV TRANSMISSION AND TRANSFORMATION PROJECT IN FUJIAN PROVINCE, CHINA

ADB-53 D.G. Khan 500/220/132kV AIS Substation

CHITTAGONG 230kV TRANSMISSION AND TRANSFORMATION PROJECT, BANGLADESH

SKTM Photovoltaic Project (233 MW) in Algeria is the first large-scale photovoltaic power plant in Algeria and has won the International Energy Corporation Best Practices award.

Noor Phase II CSP Project (200 MW) in Morocco uses the parabolic trough CSP system. The Project won the 2019 China International Sustainable Infrastructure Award, the 2020 China Power Quality Project (Overseas) Award, and the Social Responsibility Award Certificate issued by the Moroccan government.

Noor Phase III CSP Project (150 MW) in Morocco, a central tower Concentrating Solar Power project, has the largest unit capacity in the world. The Project won the 2019 China International Sustainable Infrastructure Award, the 2020 China Power Quality Project (Overseas) Award, and the Social Responsibility Award Certificate issued by the Moroccan government.

DAMI Solar Power Project (47.5 MW), located in Dami Reservoir, Binh Thuan Province, Vietnam, greatly saves the land use area and is the first floating photovoltaic power plant in Vietnam.

Dunhuang Huineng Photovoltaic Power Project (20 MW) in Gansu is the first photovoltaic power project developed by POWERCHINA by using the integrated model encompassing the investment, construction and operation


Wind Power Engineering

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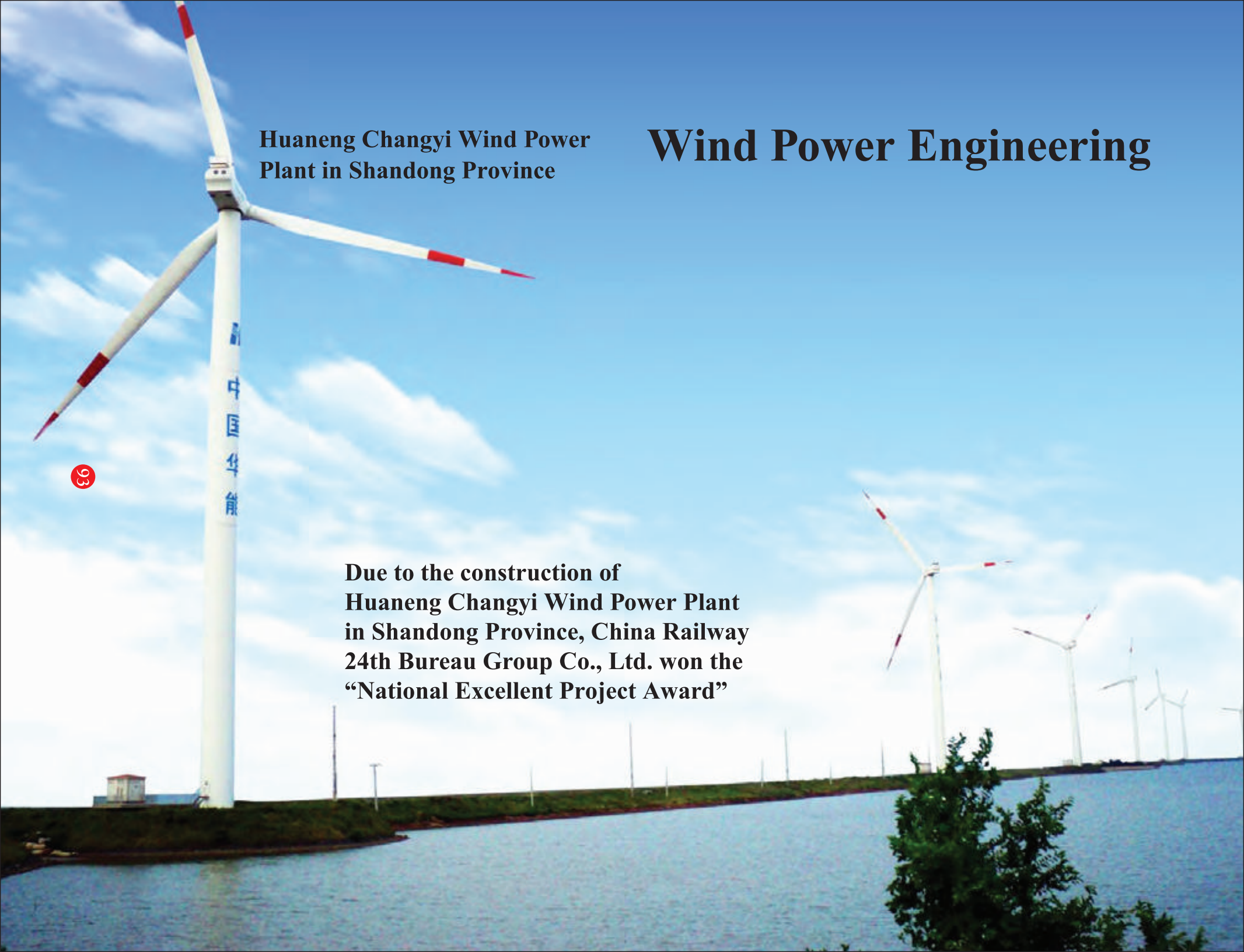
HuanengYangjiang Wind Power Plant in Guangdong

Wind Power Engineering

High-speed Driving Wind Power Plant inYuexi, Anhui



Huaneng Changyi Wind Power Plant in Shandong Province

Wind Power Engineering

Due to the construction of Huaneng Changyi Wind Power Plant in Shandong Province, China Railway 24th Bureau Group Co., Ltd. won the "National Excellent Project Award"


“Making Every Project A Milestone”
MCG has won trust from its customer with its advanced technology reliable quality and excellent service.
We are looking forward to working with you for the prosperous future!

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THANK YOU!


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