

SUMMARY OF MAJOR CONSTRUCTION PROJECTS

主要建築項目概要

Tung Chung Station Development Package 3 Superstructure Works at Area 19 (2002-2004)

HK\$975,000,000

Client: Clayton Power Enterprises Ltd and Cosmos Wide International Ltd

The works include the construction of a three level podium for shopping arcade, day nursery, club house, carpark; 9 transfer plates; and three 53 storey high residential towers.

The works also include the design and construction for the pre-cast facades which will be finished with wall, rendering, tiling and windows before delivered to site giving a better quality of work as well as to improve the environment by producing less construction waste.

東涌站發展項目位於第十九區 第三期上蓋工程 (2002-2004)

975,000,000港元

客戶：Clayton Power Enterprises Ltd及Cosmos Wide International Ltd

工程包括建造三層高裙樓作商場，日間護理中心，會所及停車場；9個大樓轉換層；三座五十三層高住宅。

另包括設計及安裝大樓預製外牆連窗框組件。各外牆組件均先行粉飾，貼瓦片，安裝窗框，保證質量，減少現場施工程序和廢料，藉以推動環保。





SUMMARY OF MAJOR CONSTRUCTION PROJECTS *(continued)* 主要建築項目概要 (續)

CDA Development Phase II

Superstructure Works (2002-2004)

HK\$576,000,000

Client : Gingerbread Investments Ltd

The construction of 4 blocks of residential towers ranging from 39 to 50 storeys high including indoor swimming pool and children Club House over a 5-level podium which has already been built by the Phase I Main Contractor. The Works include also soft and hard landscaping works at podium roof, fitting-out works for the Community Hall on G/F, and external works including hard landscaping, road works and paving on G/F of eastern podium portion.

泓景台發展項目第二期上蓋工程 (2002-2004)

576,000,000港元

客戶 : Gingerbread Investments Ltd

工程包括在一個五層平台之上建造四座39至50層高住宅，室內游泳池及兒童會所。工程也包括在平台建造園林假山石，地面公眾會堂的裝修工程，外圍假山石工程、道路工程及東面平台地面行人路等。



SUMMARY OF MAJOR CONSTRUCTION PROJECTS *(continued)* 主要建築項目概要 (續)

West Rail Contract

CC212 Siu Hong Station (1999-2003)

HK\$1,390,000,000

Client: Kowloon Canton Railway Corporation

This joint venture contract involves the construction of Siu Hong Station over the Tuen Mun River including widening of the river, construction of public transport interchanges, elevated access roads, railway viaduct approaches, 700m enclosed rail structure and other ancillary works.

All works are inclusive of fitting-out and electrical and mechanical works.

西鐵合約

CC212兆康站(1999-2003)

1,390,000,000港元

客戶：九廣鐵路公司

此合營合約包括擴闊屯門河、興建兆康站及公共交通交匯處、高架鐵路橋、高架公路橋、700米隔音罩及其它附屬工程。

所有工程包括裝修及機電工程。





SUMMARY OF MAJOR CONSTRUCTION PROJECTS *(continued)* 主要建築項目概要 (續)



West Rail Contract

CC213 Tuen Mun Station (1999-2003)

HK\$1,350,000,000

Client: Kowloon Canton Railway Corporation

This joint venture contract includes the construction of Tuen Mun Station over the Tuen Mun River including widening of the river, construction of public transport interchanges and 900m of viaduct approaches. Other works include the demolition of Sun Fat Estate and the re-provision of a school and playground, also including other ancillary works.

All works are inclusive of fitting-out and electrical and mechanical works.

西鐵合約

CC213屯門站(1999-2003)

1,350,000,000港元

客戶：九廣鐵路公司

此合營公司合約包括擴闊屯門河、興建屯門站及公共交通交匯處、900米高架鐵路橋、清拆新發村、重建學校、公園及其它附屬工程。

所有工程包括裝修及機電工程。

SUMMARY OF MAJOR CONSTRUCTION PROJECTS *(continued)* 主要建築項目概要 (續)



West Rail Contract

CC202 Yuen long and Long Ping Stations (1999-2003)

HK\$1,700,000,000

Client: Kowloon Canton Railway Corporation

A joint venture contract to construct two stations at Yuen Long and Long Ping including reinforced concrete construction of superstructure on bored pile foundations and all finishes, station electrical and mechanical works fitting out. Other works include utility diversions to accommodate foundations, temporary and permanent road diversions, diversion of existing footbridges and construction of new footbridges. At Long Ping the works include the reconstruction of a large box culvert at the existing nullah.

西鐵合約

CC202元朗及朗屏站(1999-2003)

1,700,000,000港元

客戶：九廣鐵路公司

此合營合約為建築各兩層高之元朗站及朗屏站，灌注樁地基，包括裝修及機電工程。附屬工程包括道路、行人天橋及在朗屏站之一段明渠改箱涵工程。其他工程包括遷移公用事業設施、以進行地基、臨時及永久道路改道、現有天橋改道及興建新行人天橋工程。朗屏工程包括於現有明渠重建大型箱形暗渠。



SUMMARY OF MAJOR CONSTRUCTION PROJECTS *(continued)* 主要建築項目概要 (續)



Penny's Bay Reclamation Stage I

(2000-2003)

HK\$3,980,000,000

Client: Civil Engineering Department

The Company is undertaking this joint venture contract with dredging expert Ballast Ham Group from Holland. The project involves dredging and reclamation to form some 200 hectares of land and is a major infrastructure project relating to the establishment of Disneyland on Lantau.



竹篙灣第一期填海工程

(2000-2003)

3,980,000,000港元

客戶：土木工程署

本公司此項工程的合營夥伴是荷蘭挖泥專家Ballast Ham集團。此項目需於大嶼山挖泥填海達二百公頃，是為興建迪士尼樂園的主要基建項目。

SUMMARY OF MAJOR CONSTRUCTION PROJECTS *(continued)* 主要建築項目概要 (續)

National Grand Theatre, Beijing

(2000-2005)

RMB3,000,000,000 (estimated)

Client: Ministry of Culture, China

Designed by French architect Paul Andreu, the National Grand Theatre, located on the west side of the Great Hall of the People in Tiananmen Square, will be a splendid structure set amidst a man-made lake. It will have a gross construction area of 180,000 sq.m.. The design encompasses multi-level halls and theatres, exhibition areas, shops, restaurants and carparks. One of the distinguishing features of the architecture is a 60m-long transparent underwater passageway linking the main entrance and the grand theatre's reception lobby.

The Company is undertaking this joint venture main contract with Beijing Urban Construction Group and Shanghai Construction Group of China.

北京國家大劇院

(2000-2005)

人民幣3,000,000,000 (估計)

客戶：中國文化部

國家大劇院位於天安門廣場人民大會堂西側，由法國名建築師Paul Andreu設計，總建築面積達十八萬平方米，場地設計包括多層演奏廳及劇院、展覽館、商店、餐廳及停車場等，該建築物其中一個設計特色是劇院座落於一個人工湖，有一條六十米長的水底透明通道，連接正門入口與劇院大堂。

本公司的合營夥伴有北京城建集團及上海建工集團。





SUMMARY OF MAJOR CONSTRUCTION PROJECTS *(continued)* 主要建築項目概要 (續)



Shenzhen Convention Exhibition Centre (2002-2004)

RMB690,000,000 (estimated)

Client: Works Bureau of Shenzhen Municipal

The project site area is 220,565m² and the total construction floor area is 255,615m². The contract works include the construction of : a two-level basement for E&M equipments; a one-level basement car park; two tunnels; a 60-metre high reinforced concrete main building finished with interior fitting-out and a 126-metre long span steel roof truss. The project will provide 6,000 international standard booths in exhibition and 6,400 seats in convention part when completed.

深圳會議展覽中心 (2002-2004)

人民幣690,000,000 (估計)

客戶：深圳市建築工務局

工地面積220,565平方米，總建築面積255,615平方米。工程包括：2層地庫作機電設備層；一層地庫停車場；2條隧道；一座60米高主體鋼筋混凝土大樓連室內裝修及126米長跨度的鋼架屋面。工程完成時，展廳共可提供6,000個具國際水平的展覽攤位，另會議廳共可提供6,400個座位。

SUMMARY OF MAJOR CONSTRUCTION PROJECTS *(continued)*

主要建築項目概要 (續)



Tunnel Entrance
沉管入口

Shanghai Outer Ring Tunnel

(2000-2003)

RMB1,100,000,000

Client: Construction Commission of the Shanghai Municipal Government, China

Shanghai Outer Ring river crossing is a 8-lane road link tunnel under the Huangpu River, linking "Wusong" at Puxi with "Sanchagang" at Pudong. The tunnel, including both the end cut and cover sections with the central immersed tunnel, is 1,370m long.

There are seven immersed tunnel elements forming the 736m tunnel, each element being 43m wide, 9.55m high and of variable length from 100m to 108m. The heaviest element weighing approximately 43,000 tons makes this the largest immersed tunnel in Asia.

Within the Joint Venture, the Company is responsible for the most challenging part of the works including the towing and sinking of the elements and the foundation construction. To carry out this work successfully and to overcome all the difficulties, we employed the most advanced construction techniques.

上海外環隧道

(2000-2003)

人民幣1,100,000,000

客戶：中國上海市建委

上海外環隧道是一條穿越黃浦江的8車道公路隧道，它西連吳淞、東與三岔港連接，全長1,370米。

這條隧道的江中段有736米，由7節沉埋管組成，採用的是沉埋隧道施工法。每一節沉埋管段截面寬43米、高9.55米，長度為100米-108米、重量約43,000噸，是亞洲最大的沉埋管。

本公司在此項目中承擔了難度最大的沉埋管拖運、沉放及基礎施工，過程中成功地採用了最新技術。