

# Chun Wo - Visionary Construction Conglomerate Targets the UAE Market

Established in 1968 and listed on the Main Board of the Hong Kong Stock Exchange in 1993, Chun Wo is a reputable brand name in Hong Kong's construction industry with extensive specialties in building construction, civil engineering, railway and transport engineering, foundations, electrical and mechanical engineering, interior decoration, maintenance works as well as environmental engineering. Apart from being a leader in the construction industry, Chun Wo has also diversified the business into property

development, property investments, property management and security services in recent years.

Chun Wo actively takes on problems as challenges, changes as opportunities and is paving its way to a bright future. The positive attitude provides firm support to the Group's capabilities to deliver sustainable solutions to construction and development projects for private and public sector clients in Hong Kong, Mainland China, Macau, Taiwan, Vietnam, the UAE and Thailand. The Group has generated revenue

in excess of **USD 2.3 billion** over the past seven years solely from the construction sector.

Chun Wo delivers quality work that wins customers' satisfaction, thanks to its stringent quality standards. The Group has implemented a quality management system based on ISO9001 standard as early as 1993. Meanwhile, the Group drew up implementation procedures according to the principles of Total Quality Management, ensuring that the quality of its work complies with and exceeds statutory requirements and customers' expectations.



Civil Engineering - Improvements to San Tin Interchange, Hong Kong



Interior Decoration - The Legend, Hong Kong



Environmental Engineering - Solar Energy Panel at Grandeur Terrace, Hong Kong



Building Construction - The Legend, Hong Kong

**Award and Recognition**

The Group continues to win environmental, quality and safety awards including the "Outstanding Green Project Award of HSBC Living Business Award 2008", two awards in the Hong Kong Housing Authority's "Quality Public Housing Construction & Maintenance Awards 2008", eight awards from the Hong Kong Occupational Safety and Health Awards 2008 and nine awards from the Construction Safety Forum. The Group also takes the initiative in caring about the community and puts its resources, experience and expertise to good use in helping the needy as a way of taking up the corporate social responsibility. The Group was recognised as a Caring Company for four consecutive years by the Hong Kong Council of Social Service.

**CORE BUSINESS SEGMENTS**

**Nucleus of Strength – Building Construction**

Chun Wo started off as a sole proprietorship undertaking constructions of various building types and functions for both the Government and private developers some 40 years ago. During this tenure, the Group has grown into one of the most renowned multi-disciplinary construction players in Hong Kong.

Throughout the years, Chun Wo expanded beyond private sector construction into a wider and almost unlimited range of buildings for the government and social organisations including, residential, office and industrial developments, hospitals, schools, fire stations, sports complexes and markets. The Group's signature projects in Hong Kong include Grandeur Terrace, the largest Private Sector Participation Scheme project in the territory, as well as Grand View Garden on Hammer Hill Road. No. 8 Clear Water Bay Road is the



Permanent Way Contracting - East Rail, Hong Kong

highlight among all projects, together with other luxury residential developments including The Legend, The Pacifica, Gianni Cove, Princeton Tower, the Bel-Air, and Laguna Verde. In Macau, the construction of the Convention and Exhibition Centre for the Venetian in Cotai qualified Chun Wo as a leader in the field. These buildings speak volumes for the Group's high quality and unparalleled expertise.

**Pillar in Infrastructure – Civil Engineering**

Leveraging on Chun Wo's extensive experience in construction, the Group ventured into the civil engineering business with extensive capabilities covering road works, drainage works, site formation, railway construction, reservoirs, water works, seawall and marine works, sewage treatment, sewage disposal facilities and underground construction.

Over the past decades, Chun Wo has participated in numerous large-scale projects for the public and private sectors in Hong Kong, such as construction of the Hunghom Bypass and Princess Margaret Road Link, as well as the design and build of the Lok Ma Chau San Tin Interchange Improvement Project. These projects have significantly improved Hong Kong's environment and traffic conditions. The Group also holds an impressive track

record of railway projects for Hong Kong's railway operator, MTR Corporation, such as the Tseung Kwan O MTR Extension – Black Hill Tunnels Project, East Rail Ma On Shan – Tsim Sha Tsui East Extension and West Rail Kam Tin – Tin Shui Wai and Tin Shui Wai – Tuen Mun North Viaduct Construction Project. Recently the Group has taken on one of Hong Kong's largest infrastructure projects – Hong Kong International Airport SkyPlaza and related civil engineering works in the vicinity.

**Built to Last – Foundation Works**

Chun Wo is a specialist in foundation works including piling, large-diameter bored piles, diaphragm wall construction, deep basement construction and ancillary work. The Group owns a wide range of machinery, with in-house designers, technicians and quantity surveyors to carefully assess every tender price. The Group puts great emphasis on the quality of piles and has specially enacted a comprehensive set of quality management guidelines that outlines detailed procedures. Training courses are also arranged to enhance staff's technical knowledge so as to guarantee the quality of piles.

Major project highlights for foundations in Hong Kong include the Pok Oi Hospital



E & M Engineering - SkyPlaza, Terminal 2, Hong Kong International Airport



Maintenance Works - Beautification of Open Space near Sai Kung Pier, Hong Kong

redevelopment, basement work for MTR Kowloon Station, public transport interchange at Ma On Shan Rail Tai Wai Station and Wu Kai Sha Station, among many others. The foundation projects in Macau for a Las Vegas-style casino and resort by Venetian Macau, the City of Dreams and the Macau Studio City are testimonials to Chun Wo's foundation business expansion from Hong Kong to overseas.

**Trusted Quality Works – Electrical & Mechanical Engineering**

Chun Wo's visionary business sense is embodied in the "one-stop" construction service that spans to the electrical & mechanical (E&M) field. The Group is capable of undertaking different types of E&M works, including electrical, fire services, mechanical ventilation and air conditioning, plumbing and drainage works, offering services from E&M coordination, project management, sub-contracting services, to full range construction projects such as building, transportation, residential, commercial and industrial E&M works.

Chun Wo has participated in various large-scale E&M projects in Hong Kong, including the SkyPlaza in Terminal 2 of Hong Kong International Airport, the East Rail and West Rail, and many others. The Group has also been awarded contracts for the Hong Kong International Airport South Cargo Apron Extension works, demonstrating the Group's superb level of professionalism and skill.

**Sophisticated Techniques – Maintenance Works**

Targeted to provide a comprehensive service in construction, Chun Wo's water works and civil engineering

maintenance works are widely endorsed by clients. In water works maintenance, the Group is particularly adapted to the trenchless technique that allows pipes to be replaced without breaking up the roads. The trenchless technique is especially useful on sites that are crowded and require extra attention in environmental protection. This technique is environmentally friendly, quick, safe and cost effective. The Group's superior maintenance technique has won numerous maintenance contracts from the Hong Kong International Airport, the MTR Corporation and various Government departments.

The Group also successfully secured the project to conduct inspection of Singapore's large diameter trunk and Deep Tunnel Sewer System using RedZone's advanced Multi Sensor Inspection (MSI) robotic platform in 2008. Using Singapore as a base, the Group hopes to serve many other countries in Asia, where it foresees a potential growth in demand by leveraging on new technologies to maintain and rehabilitate sewer systems.

**Unparalleled Track Record – Permanent Way Contracting**

Chun Wo's extensive experience and expertise in large-scale railway and track works have established the Group as the genuine leader in the industry. The Group has handled many complicated railway projects with sophisticated technology. These projects involved the complex construction of floating tracks, floating slab tracks, low vibration tracks and ballasted tracks.

The Group completed Hong Kong's West Rail Kam Tin – Tin Shui Wai Viaduct Construction, West Rail Tin Shui Wai

Station Construction, West Rail Northern Area Track Work Project, East Rail Ma On Shan – Tsim Sha Tsui East Extension and Lok Ma Chau Track Work Construction, as well as rail tracks in an international theme park on Lantau Island. The Group's technical expertise has extended to Taiwan with its recent completion of a Taiwan High Speed Rail Project that employed the "RHEDA" system for track construction, the "HERGIE" automated track surveying system to record real time track position data, and micro adjustment devices fitted on the axis to fine tune the track position.

Chun Wo's expertise in railway and track works has attracted renowned joint venture partners internationally with enterprises such as China Railway Construction Corporation, Japan's Maeda Corporation and Australia's Queensland Rail, just to name a few. Recently, Unique-Chun Wo, the Group's joint venture in Thailand, has been awarded the 8.7 billion baht (USD 250 million) construction contract for a section of Bangkok's Red Line rail route. Unique-Chun Wo will be building the Bang Sue to Taling Chan section of the Boundary Railway System Project (Red Line), which is one of the largest infrastructure projects of the five rail line mega-projects in Thailand's railway expansion plan.

**Exquisite Craftsmanship – Interior Decoration**

Chun Wo adds in delicate details to all types of buildings and shopping malls. The Group has a special team to provide professional interior decoration and refurbishment services for discerning property owners by adding style and value to properties at a reasonable cost. An example of the Group's masterpieces in Hong Kong can be seen in Winsor

House, a trendy lifestyle shopping mall in centre of Causeway Bay. Another prime example of the Group's fitting out works, the Paradise Mall in Heng Fa Chuen, is acclaimed to be a masterpiece which has turned an ordinary shopping mall into an exciting Hollywood-style Treasure Island that appeals to shoppers and families alike.

### Visionary Thinking – Environmental Engineering

Building on the Group's construction and property know-how, Chun Wo is now moving to take advantage of opportunities in the environmental technology and energy-efficiency businesses. The Group now has capability to provide environmental consultation services to clients, including the government, the construction industry, factories and many others.

Lately, Chun Wo has secured a series of important partnership agreements with some of the world's most forward-looking companies to bring the latest green products from around the world to Hong Kong. Some of the more exciting technologies introduced by the Group include Biologic, Bio-toilet, and Enigin – EnergyMaps. The first two products address issues relating to water usage and waste water treatment, while the third one is an energy efficiency technology that can reduce up to 40% of energy costs. Development in this field is a natural extension of Chun Wo's expertise in contemporary engineering, construction and property development and has great potentials for further expansion.

### BUILDING UPON OUR STRENGTH

Amid the prevailing financial turmoil, with heavy gloominess filtered through the global financial system bringing unpredictable impacts, **Chun Wo has secured various construction**



Managerial Staff of Chun Wo Building Construction Ltd. - Abu Dhabi Branch

## Highlights of Projects Chun Wo Secured in First Quarter 2009

Projects	Clients	Contract Sum
Design and Construction of Expansion of Tseung Kwan O Hospital (Joint Venture with Hip Hing Construction Co., Ltd.)	Architectural Services Department, HKSAR	USD 156 million
Construction of 1800-Place Student Residence of the University of Hong Kong	The University of Hong Kong	USD 91 million
Replacement and Rehabilitation of Water Mains Stage 3	Water Supplies Department, HKSAR	USD 41 million
Fitting-out Works of Residential Building Development	Cheung Kong Holdings Ltd.	USD 22.4 million

**projects worth more than USD 519 million in Hong Kong and overseas over the past six months.** The impressive resilience is attributed to the Group's competent and experienced staff, whose clear priorities are to thoroughly plan, execute and fulfill promised obligations responsibly. This positive corporate mindset has been deeply rooted since establishment, and this is Chun Wo's key to success, as well as the Group's promise to clients. Uncompromising quality is what Chun Wo plans to deliver to the future developments of Abu Dhabi.

### CHUN WO'S FOOTPRINTS IN ABU DHABI

Chun Wo's strategy of business diversification both in the nature of the work it undertakes and also geographical coverage brought the Middle East to the Group's attention. The growing significance of the region as a strategic location between Australia and Europe, and the UAE's rapid development as a country, are all well recognised.

Abu Dhabi was chosen because of its visionary plans for development.

The Group made initial investments in 2007 by purchasing land plots within one of the most prestigious master plans in the City – Shams Abu Dhabi on Al Reem Island and is developing them into some of the first high-end residential

buildings which will be constructed in the new Abu Dhabi. Chun Wo treasures the opportunities the Emirate offers to international enterprises. The calibers of the Group's skills, talents and experience put Chun Wo in an ideal position to assist Abu Dhabi to realise its long-term plans to become a world-class city.

### THE FUTURE IS BRIGHT FOR BOTH ABU DHABI AND CHUN WO

Chun Wo is a company that combines a steady, meticulous approach with the vision and agility to create and seize new opportunities. With this powerful combination, the Group is ready to explore exciting new business opportunities in various areas of construction such as building, infrastructure, railway, property development, and urban redevelopment and renewal, while continuing to ensure that its foundation remains solid. The Group is determined to uphold its proactive, practical and persistent corporate culture with a view to delivering win-win solutions to clients and business whilst pursuing a higher position in the industry internationally.

The Group is looking forward to being a part of the future growth of this exciting city and is currently exploring opportunities within the construction sector, especially in the construction services of high-rise residential towers and hotels, as well as expanding the sophisticated provisions of interior decoration services to the discerning property developers in the Emirate. Chun Wo's management sees Abu Dhabi as an ideal place to establish a significant business base for the Group in the Middle East.