



SECTOR CAPABILITY | NORTH ASIA

DATA CENTRE



ABOUT RLB

Rider Levett Bucknall (RLB), formerly known as Levett and Bailey in Hong Kong, was established as a local firm of chartered quantity surveyors in 1962. From a modest beginning the practice has grown with the economic expansion of Hong Kong until today it is one of the largest independent global professional practices with over 4,500 people operating from more than 130 offices serving countries across Americas, Asia, Oceania, Europe, Middle East and Africa. In the North Asia region, RLB has its headquarters in Hong Kong with branch offices in all major cities in Mainland China, Macau and South Korea employing a total staff of over 1,550.

The Practice principally specialises in all aspects of cost consultancy and quantity surveying services and provides a wide range of comprehensive professional services to its clients in the field of property and construction consultancy.

The estimating and cost research department of the Practice maintains a large and comprehensive library of current and historical cost data and unit rates compiled using information derived from the many projects handled by the Practice. This cost data bank is essential for accurate estimating and effective cost negotiations with contractors. The cost research unit is also responsible for compiling a 'Tender Price Index' of the Hong Kong construction industry which has been widely used since 1969.

RLB has always aimed at providing the best quality services to every Client. In this respect, RLB, through years of experience, has developed a number of management systems in which procedures have been set down to ensure the best quality services are provided to Clients. We have obtained certification on ISO9001:2015 for the quality management system standard, ISO45001:2018 for the occupation health and safety management systems and ISO14001:2015 for the environmental management system standard.

RLB is awarded 'The QS Team of the Year' at the RICS Hong Kong Awards 2021, 2022 and 2023. Our Hong Kong office was certified in 2021 as the first quantity surveying consultant firm in Hong Kong, in compliance with ISO 19650-2:2018. This certification recognises our organisation's commitment to the digitisation of information, including Building Information Modelling (BIM).

RLB GLOBAL OFFICE LOCATIONS

ASIA

North Asia
Beijing
Chengdu
Chongqing
Guangzhou
Guiyang
Haikou
Hangzhou
Hong Kong
Macau
Nanjing
Nanning
Seoul
Shanghai
Shenyang
Shenzhen
Wuhan
Wuxi
Xian
Zhuhai

South Asia

Bacolod
Bohol
Cagayan de Oro
Cebu
Clark
Davao
Ho Chi Minh City
Iloilo
Jakarta
Kuala Lumpur
Laguna
Metro Manila
Phnom Penh
Singapore
Yangon

Maldives

Hulhumale

India Alliance
Bangalore

AFRICA

Angola
Luanda

Botswana
Gaborone

Kenya
Nairobi

Mauritius
Quatre Bornes

Mozambique
Maputo

Namibia
Windhoek

Nigeria
Lagos

Seychelles
Victoria

South Africa
Cape Town
Durban
Pretoria
Stellenbosch

AMERICAS

Caribbean
St. Lucia

North America

Boston
Bristol
Calgary
Chicago
Denver
Hilo
Honolulu
Las Vegas
Los Angeles
Maui
Miami
Nashville
New York
Phoenix
Portland
San Francisco
San Jose
Seattle
Toronto
Tucson
Waimea
Washington DC

America Alliance
Mexico City

EUROPE

United Kingdom

Belfast
Birmingham
Bristol
Cambridge
Cardiff
Edinburgh
Leeds
Liverpool
London
Manchester
Newcastle
Upon Tyne
Sheffield
Thames Valley
Warrington

Euro Alliance

Belgium
Bulgaria
Croatia
Czech Republic
Denmark
France
Germany
Hungary
Ireland
Italy
Luxembourg
Montenegro
Netherlands
Norway
Poland
Portugal
Romania
Serbia
Spain
Sweden

MIDDLE EAST

Qatar
Doha

Saudi Arabia
Riyadh

United Arab Emirates
Abu Dhabi
Dubai

OCEANIA

Australia

Adelaide
Brisbane
Cairns
Canberra
Coffs Harbour
Darwin
Gold Coast
Melbourne
Newcastle
Perth
Sunshine Coast
Sydney
Townsville

New Zealand

Auckland
Christchurch
Dunedin
Hamilton
Palmerston North
Queenstown
Tauranga
Wellington

OUR VISION, VALUES AND GOVERNANCE

OUR VISION

CREATING A BETTER TOMORROW

The RLB vision is to be the global leader in the market, through flawless execution, a fresh perspective and independent advice. Our focus is to create value for our customers, through the skills and passion of our people, and to nurture strong long-term partnerships. By fostering confidence in our customers, we empower them to bring their imagination to life, to shape the future of the built environment, and to create a better tomorrow.

OUR VALUES

AT THE HEART OF EVERYTHING WE DO

At RLB, doing the right thing matters. We believe we all have a responsibility to support the communities in which we live and work. Our global values are based on these eight insights:



PEOPLE

We promote fairness, equity and wellbeing by investing in our people and valuing everyone's unique contribution.



ENVIRONMENT

We have set a global practice commitment to reach net zero emissions by 2030 and we collaborate with our industry to reduce our collective environmental impact.



WORKPLACE

We provide an inclusive, safe working environment where everyone belongs.



CUSTOMERS

We forge enduring partnerships with our customers by challenging norms, sharing fresh perspectives, and delivering flawlessly.



INDUSTRY

We lead by example and shape the future of our industry in everything we do.



BUSINESS

We act with integrity, honesty and fairness in all our relationships.



COMMUNITY

We create social value in the communities in which we live and work.



SHAREHOLDERS

We are a self-owned and financially robust organisation that delivers on our financial plans to create value for shareholders.

OUR GOVERNANCE

All our service delivery is conducted under ISO 9001:2015 quality management accreditation all in compliance with monitoring and governance procedures which are audited regularly. As a responsible large scale business, RLB works closely to protect the environment, support charities and has been given a number of peer and professional awards, of which only a few are shown below. RLB pride ourselves on the ability to be both local and global, delivering all projects to the utmost standards of professional integrity.



ISO 9001 : 2015
Certificate No.: CC 1296



ISO 45001 : 2018
Certificate No.: CC 7627



ISO 14001 : 2015



VC 742244



OUR SERVICES

RLB's Connected Thinking approach combines collaborative best practice and flawless execution with local knowledge and expertise. We take learnings from our global business and overlay them with an in-depth understanding of our clients' businesses, regardless of their sector or service, to create tailored solutions that deliver successful outcomes. Providing independent advice through the skills and passion of our people, we deliver value and sustainable solutions that are relevant for today and into tomorrow.

COMMERCIAL SUCCESS

The secret to every project's commercial success, regardless of size, is to balance quality against costs. With experience costing some of the world's best projects, deep expertise and real-time data, we prioritise our clients' business objectives to deliver cost management services that get the balance right.

Cost Management & Quantity Surveying

- Feasibility Studies
- Cost Planning & Value Engineering
- Cost Benchmarking
- Life Cycle Costing
- Procurement & Tendering
- Contract Administration
- Final Accounts

SPECIALIST SOLUTIONS

We are driven to ensure our clients' assets operate at maximum efficiency for the longest time and at the lowest cost. It's a challenge, but one we relish. With extensive experience optimising assets throughout the property cycle, we deliver innovative, cost-effective solutions that can trim budgets and uncover new value.

Advisory

- Technical Due Diligence
- Procurement Strategies
- Auditing Services
- Dispute Resolution & Expert Witness
- Litigation Support

PROJECT & PROGRAMME SUCCESS

Bringing imagination to life in a rapidly-evolving construction industry means staying constantly ahead of the curve – and it means there is no room for a cookie-cutter approach. We use the latest project planning techniques and advanced technology to create tailored, truly bespoke solutions to each project.

Project & Programme Management

- Project Management
- Project Monitoring
- Pre-Construction Management & Project Planning
- Development Management

AWARDS & RECOGNITION

Over the last six decades, RLB has grown hand in hand with the QS profession and plays an important role for Hong Kong's developments and prosperity. Our commitment to the highest standard of professional services has received industry acclaim. Some of the awards include:



RICS Awards Hong Kong 2023

- Winner, Quantity Surveying Team of the Year
- Winner, Construction Project Management Team of the Year

RICS Awards Hong Kong 2022

- Winner, Quantity Surveying Team of the Year
- Winner, Construction Project Management Team of the Year

RICS Awards Hong Kong 2021

- Winner, Quantity Surveying Team of the Year
- Winner, Refurbishment / Revitalisation Team of the Year

HKIS Awards 2024

- Grand Award, Construction (Building) Category – Hong Kong Palace Museum
- Merit, Pre-construction Category – 8 Castle Road
- Merit, Pre-construction Category – Monaco
- Merit, Planning Category – Ming Wah Dai Ha Redevelopment



HKIS QS Awards 2022

QS Contract Management Awards (Clients & Consultants)

- Gold Award – Xiqu Centre
- Silver Award – One Taikoo Place
- Merit Award – CUHK Medical Centre

QS Awards (Innovation)

- Gold Award – HKSH Eastern Medical Centre, Tsao Yin Kai Block
- Gold Award – Hang Seng University of HK – New Academic Building Project
- Silver Award – Central Market



AWARDS & RECOGNITION

HKIBIM Award 2023

Grand Award:

- Eastern District Advanced Medical Centre at 3 A Kung Ngam Village Road, Shau Kei Wan (Private Development Projects)
- New Acute Hospital at Kai Tak Development Area (Site B) (Statutory Bodies Projects)
- Dedicated Rehousing Estate at Hung Shui Kiu Phase 1A (Statutory Bodies Projects)



Gold Award:

- Kong Nga Po Police Training Facilities (Government Projects)

Silver Award:

- Construction of Public Housing Development at Wang Chiu Road Phase 1 (Statutory Bodies Projects)



Bronze Award:

- The Henderson – Façade (Private Development Projects)

Green Building Award 2023

Grand Award:

- Integral, Guilin
New Buildings Category (Completed Projects – Commercial) and
Special Citation on United Nations Sustainable Development Goals
- ONE SOHO
New Buildings Category (Completed Projects – Residential)



COLLABORATION WITH INTERNATIONAL ARCHITECTS



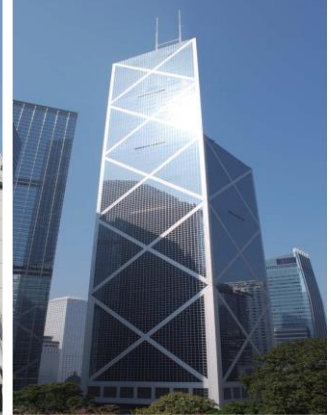
Two International
Finance Centre
(Cesar Pelli)



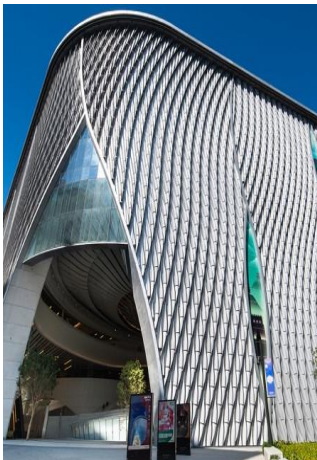
Cheung Kong Centre
(SOM)



HSBC
(Norman Foster)



Bank of China
(IM Pei)



Xiqu Theatre
(Bing Thom)



Shanghai Tower
(Gensler)



Opus
(Frank Gehry)



MGM Cotai
(KPF)



Pacific Place
Contemporisation
(Thomas Heatherwick)



The Venetian Macao
(HKS)



The Jockey Club
Innovation Tower, HK
Poly University
(Zaha Hadid)



Run Run Shaw Creative
Media Centre, City
University of HK
(Daniel Libeskind)

DIGITALISATION AND INNOVATION

BUILDING INFORMATION MODELLING (BIM)

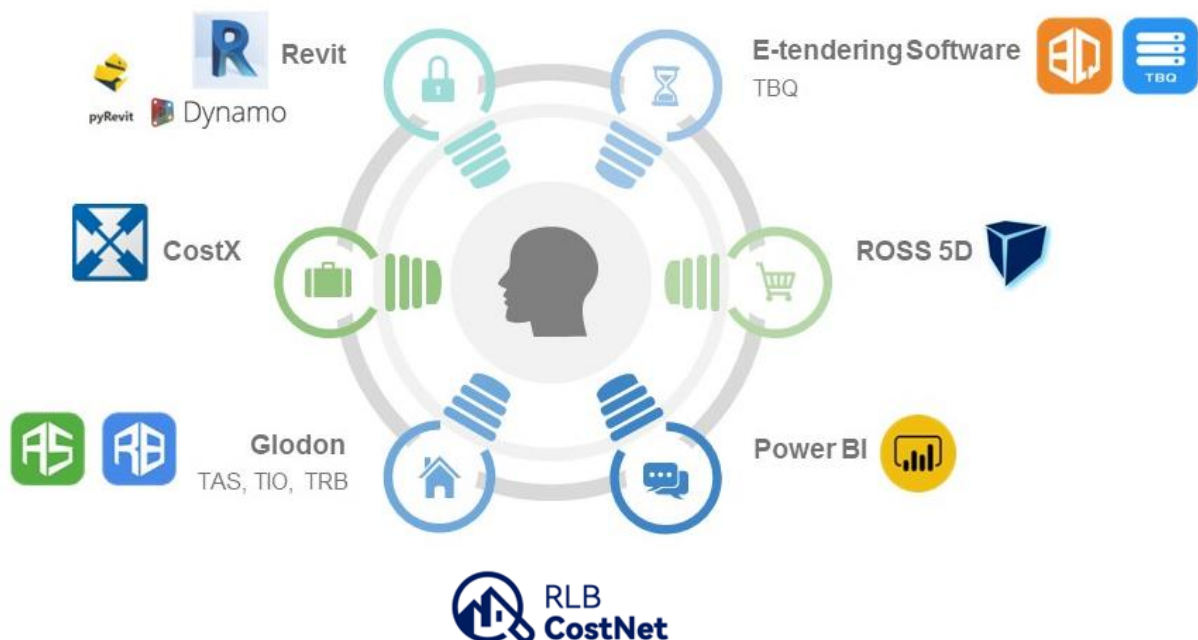
RLB has been involved in hundreds of BIM projects globally. RLB is proactive and dedicated to training its users for BIM and other integrated technology, through seminars and webinars, training videos, and step-by-step guides. We have trackers and training guides to identify individuals within the organisation that are valuable to the BIM process.

As an industry leader, RLB has both the knowledge and expertise in BIM to contribute to projects throughout all phases, from concept design to facility management. Our vast experience includes working with architects, engineers and facility managers across a variety of platforms and BIM software.

RLB consistently leverages our skill sets and tools to realise the benefits of working in a collaborative BIM environment. We are confident that effective collaboration across the project team can provide greater value to our clients and project outcomes.

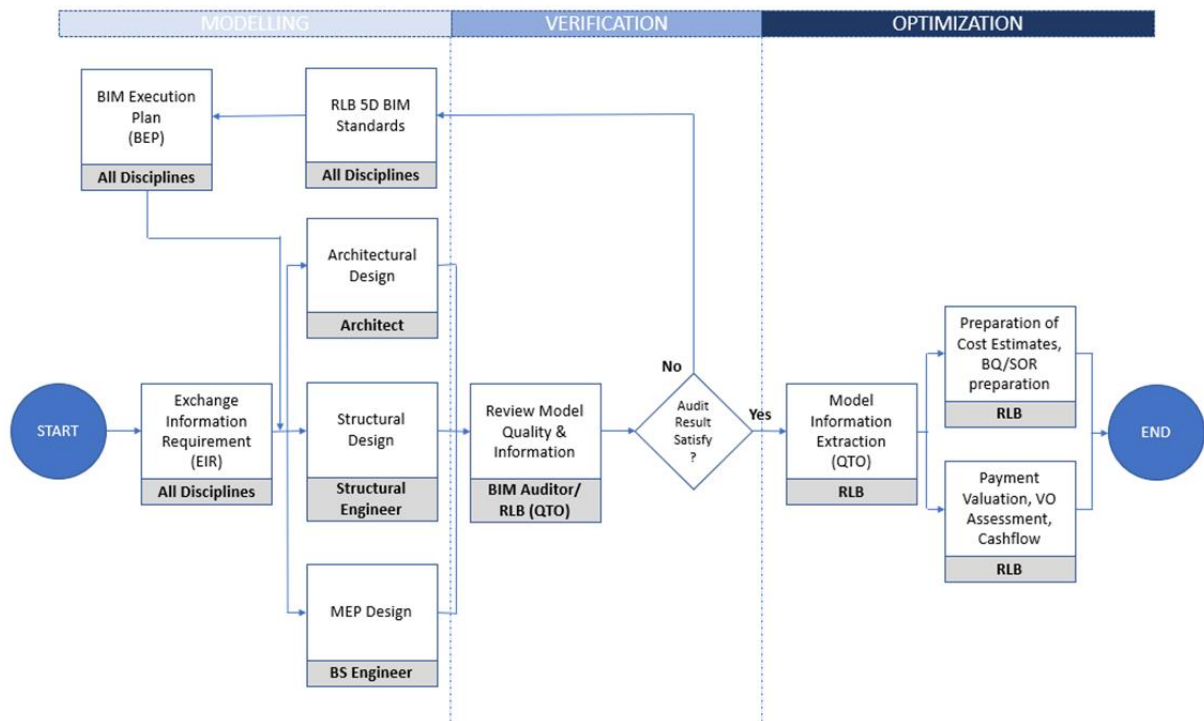
RLB sees our early involvement at the outset of any BIM project crucial to producing the project's deliverables meticulously and efficiently.

RLB works collaboratively with design teams and overcomes the deficiencies of the traditional approach, where the cost consultant receives the design late in the process and produces their required output reactively as a 'bolt-on' service.



DIGITALISATION AND INNOVATION

BIM 5D QTO



RLB utilises the data contained in the BIM model to produce an accurate and efficient quantity take-off process. The use of the automated measurement software offers significant benefits in eliminating risks in errors and therefore increasing accuracy in measurement, providing "live-link" with cost-geometry and producing real-time cost advice when changes are made.

For better coordination with other stakeholders to make the best use of BIM models for 5D implementation, RLB has developed and published a suite of Protocol documents, practice manuals and reference standards for modelling for BIM for internal and external reference. "RLB 5D BIM Standards for Use in Hong Kong" published in 2020 is widely adopted by the industry. RLB recommends project teams to adopt this set of standard to the object parameters to assist us in the mapping of the object quantities into bill of quantities (BQ), cost estimates or any other work breakdown structures. The documents can be downloaded from the following website:-

<https://www.rlb.com/asia/insight/rlb-releases-rlb-5d-bim-standards-for-use-in-hong-kong/>

<https://www.rlb.com/asia/insight/rlb-bim-guidance-protocol-part-1/>

RLB has also developed a number of Dynamo© programming scripts and integrated a suite of innovative and intelligent digital applications, including Revit API applications, A.I. and power BI, which facilitate our QTO process and overcome the interoperability and software limitation problems. This workflow retrieves the desire technical parameters as per our method of measurement and can be tailored to accommodate different modelling approaches used by different architectural and engineering firms. This is an extremely efficient and effective process improving quality control and resulting in high quality consultancy services for Appointing Parties.

DIGITALISATION AND INNOVATION

E-TENDERING

RLB e-Tendering System provides a user friendly, Internet based platform for suppliers and contractors to receive tender invitations and to submit tenders in response of these invitations including BIM delivery. Together with other e-tendering modules, our e-tendering solution integrates all parts of the tendering process, from BQ production, tender distribution and submission to pricing and analysis, in a digital and green environment. This demonstrates RLB's investment in innovative research and development to streamline the business processes and enhance them with digital assets.

① Publish Tender Documents

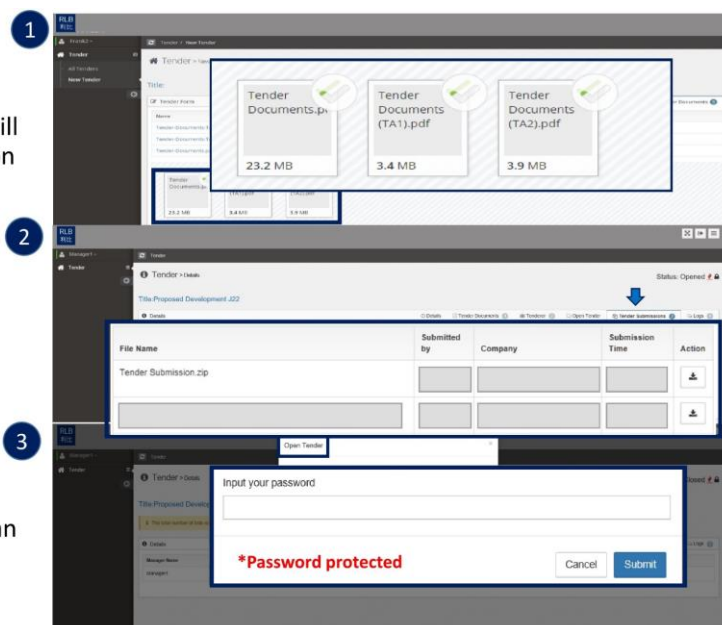
Consultants publish tender documents onto the RLB e-tendering System. The platform will notify tenderers automatically with emails on new updates

② Submit Tenders

Tenderers submit tenders to the platform. Each tenderer can only access their own tender to keep all tenderers' identity

③ Open Tenders

Preset employers and consultants can open the tenders through the online platform at an agreed time.



WE UNDERSTAND DATA CENTRE

In Hong Kong, Mainland China and other Asian countries, the data centre market, driven predominantly by cloud and telecom corporations, keep surging. Data centres are essential infrastructure for digital advancement, from cloud computing and e-commerce, to social media and smart cities.

With 50 countries and nearly 60% of the world's population, Asia has the potential for the largest demand of data centre developments in the world. The adoption of big data, industry 4.0, IoT, 5G and cloud computing, all culminate in a surge of data storage and processing requirements, resulting in data centre demands. Investors are looking to develop data centres in greenfield sites with purpose-build facilities.

Global best practice, talented professionals and local know-how allows RLB to meet the critical demand from data centre clients across the border. We have consistently established long-term relationships with key players in this sector.

Globally, data centres consume around 2% of the world's energy – which is rising to 8% on current trends. With cooling responsible for up to 40% of data centre energy consumption, bleeding-edge design brings together advanced, high-density servers with revolutionary cooling systems. Other operators are turning to artificial intelligence or 100% renewable energy to power their processors. Smart, sustainable solutions in data centres ultimately help customers cut costs, energy consumption and carbon emissions.

RLB supports smart, sustainable solutions in data centres as these ultimately help customers cut costs, energy consumption and carbon emissions.

We help you stay ahead of the ever-bending technology curve, meet growing customer expectations and ensure you have a sound and sustainable business model that can be integrated seamlessly with the changing world. With hundreds of projects delivered around the world, we have a comprehensive database of international benchmarks to provide cost effective solutions when it comes to designing data centres.

RLB's expertise in providing cost planning, estimating, value engineering and life-cycle costing, helps data centre developers in balancing challenges of sustainability, social responsibility and investment over time.



DATA CENTRE PROJECTS IN HONG KONG



COMMERCIAL DEVELOPMENT (OFFICE, RETAIL AND DATA CENTRE) AT TCTL NO. 45, AREA 57 **TUNG CHUNG**

Client: Chinachem Group
GFA (m2): 117,182
Services: Full QS Services
IT Load / No. of Racks: 32MW / 3,200 Racks
Completion: 2027

The site is planned for shopping malls, offices and a data centre. The data centre is a core and shell DC building.



TKO1 PHASE 1 GREENFIELD DATA CENTRE **TSEUNG KWAN O**

Client: China Telecom Global Limited
GFA (m2): 44,000
Services: Full QS Services
IT Load / No. of Racks: 32.5MW / 4,200 Racks
Completion: 2026

This is a greenfield, Uptime Tier III+ data centre project. The project consists of six floors of data hall and one floor of office.



ESR HK1 DATA CENTRE, NO.11-19 WING YIP STREET **KWAI CHUNG**

Client: ESR
GFA (m2): 30,750
Services: Full QS Services
Completion: 2025

DATA CENTRE PROJECTS IN HONG KONG



MODIFICATION, NEW FIT-OUT AND ELECTRICAL FIT-OUT WORKS AT HKG11 DATA CENTRE (PHASES 1A)

KWAI CHUNG

Client: Digital Realty Trust, Inc.

Services: Full QS Services

Completion: 2025

This is a fit-out project of data centre.



EQUINIX HK6 DATA CENTRE

TSUEN WAN

Client: Equinix

GFA (m2): 37,100

Services: Full QS Services

IT Load / No. of Racks: 24MW

Completion: 2025

The project includes the fit-out of a new purpose built (by Goodman) 17 storey data centre building with the potential to house 12 data hall floors and one basement level for parking.



HK1 LEVEL 2 B45 TECHNICAL SUITES AND STOREROOM FIT-OUT

TSUEN WAN

Client: Global Switch Hong Kong Limited

GFA (m2): 2,000

Services: Project Monitoring and Post-Contract QS Services

IT Load / No. of Racks: 4MW / 500 Racks

Completion: 2024 (Ph3); 2023 (Ph2); 2022 (Ph1)



HKG8 BROWNFIELD DATA CENTRE

KWAI CHUNG

Client: BDx Data Centre Pte Limited

GFA (m2): 16,421

Services: Full QS Services

IT Load / No. of Racks: 16MW

Completion: 2023

This project consists of the construction of a 14-storey industrial building with 1 refuge floor on top of 4-levels podium.

DATA CENTRE PROJECTS IN HONG KONG



TECHNICAL SUITES E41 & E42 FIT-OUT 18 CHUN YAT STREET

TSEUNG KWAN O

Client: Global Switch Hong Kong Limited
CFA (m2): 1,200
Services: Post-Contract QS Services
IT Load / No. of Racks: 2MW / 312 Racks
Completion: 2023



FINANCIAL DATA CENTRE (FDC™) EXPANSION/CONVERSION PROJECTS

TSEUNG KWAN O

Client: NTT Data Corporation
GFA (m2): Varies
Services: Full QS Services
IT Load / No. of Racks: Tier IV-ready infrastructure
Completion: 2016-2023 (by phases)

The project involves various expansion and conversion projects regarding the upgrading works to the existing FDC1 and FDC 2.



DATA HALL EXPANSION AT CHINA UNICOM (HONG KONG) GLOBAL CENTRE

TSEUNG KWAN O

Client: China Unicom
CFA (m2): 3,000
Services: Full QS Services
IT Load / No. of Racks: Tier IV ready, 16MW / 2,000 Racks
Completion: 2020-2023

The project consists of five data hall expansion projects for 3/F and 4/F.



DIGITAL REALTY KIN CHUEN (HKG11) 11 KIN CHUEN STREET

KWAI CHUNG

Client: Digital Hong Kong Kin Chuen Limited
GFA (m2): 21,000
Services: Full QS Services
IT Load / No. of Racks: 24MW
Completion: 2021

This is a fit-out project for the data centre.

DATA CENTRE PROJECTS IN HONG KONG



DATA TECHNOLOGY HUB AT TSEUNG KWAN O INDUSTRIAL ESTATE

TSEUNG KWAN O

Client: Hong Kong Science and Technology Parks Corporation

GFA (m2): 27,000

Services: Full QS Services

IT Load / No. of Racks: Tier III

Completion: 2020

Data Technology Hub has been devised to modernise the Industrial Estate with the primary functions of data technology and information and telecommunications, to support low-latency finance and trading, IT-related computer design/system integration, services for supporting data centre operations, and disaster recovery plans.



BANK OF CHINA DATA CENTRE RENOVATION

Client: Bank of China

GFA (m2): 28,000

Services: Full QS Services

IT Load / No. of Racks: Tier III

Completion: 2017

This project involves the renovation of the whole / partial floor of 3/F to become a new data centre of Bank of China (HK).



CHINA MOBILE DATA CENTRE

TSEUNG KWAN O

Client: Ove Arup & Partners HK Limited

GFA (m2): 4,000

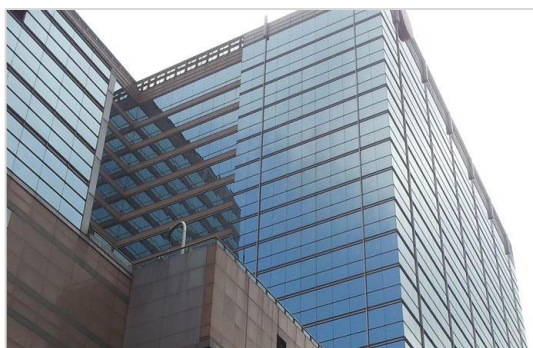
Services: Full QS Services

IT Load / No. of Racks: Tier III Plus

Completion: 2016

This project involves the fitting out works for 3/F Room 301 and 5/F of The China Mobile Data Centre.

DATA CENTRE PROJECTS IN HONG KONG



HANG SENG TOWER DATA CENTRE MIGRATION WORKS

KOWLOON BAY

Client: Ove Arup & Partners HK Limited

GFA (m2): 13,200

Services: Full QS Services

IT Load / No. of Racks: Tier III

Completion: 2016

The project consists of a new Data Centre at 18/F Hang Seng Tower (HST) and the replacement of the major plant on 7/F.



NTT COMMUNICATIONS HONG KONG FINANCIAL DATA CENTRE (FDC™) PHASE 2

TSEUNG KWAN O

Client: NTT Communications Asia Limited

GFA (m2): 32,000

Services: Full QS Services

IT Load / No. of Racks: 19MW / 4,000 Racks

Completion: 2015

FDC2 is the second phase of the data centre complex with Tier IV ready infrastructure modular design and hybrid tiering model. FDC2 is designed with ultra-light power density, ultra-tall rack, innovative energy-efficient cooling and data visualization technologies.



NEXT GENERATION DATA CENTRE (NGDC)

TSEUNG KWAN O

Client: Hong Kong Exchanges and Clearing Limited

GFA (m2): 31,400

Services: Full QS Services

IT Load / No. of Racks: 10 MW / 2,600 Racks

Completion: 2013

Next Generation Data Centre is the centrepiece of HKEx Orion Technology Initiatives, a comprehensive programme designed to enhance HKEx's technological infrastructure. This Tier IV data centre is a 5-storey facility. It consolidates the primary data centres for all of HKEx's markets and clearing house systems under one roof.

DATA CENTRE PROJECTS IN MAINLAND CHINA



MANUFACTURING DIGITAL TRANSFORMATION INFRASTRUCTURE BASE SUPPORT PROJECT

FOSHAN

Client: Midea Group
CFA (m2): 2,600
Services: Full QS Services
Completion: 2024



ZHONGWEI DATA CENTRE NO.2-1 COMPUTER ROOM BUILDING IDC CABINET HOSTING SERVICE PROJECT

NINGXIA

Client: China Mobile Ningxia Company
CFA (m2): 20,350
Services: Full QS Services
IT Load / No. of Racks: 15,000KW / 2,100
Completion: 2024

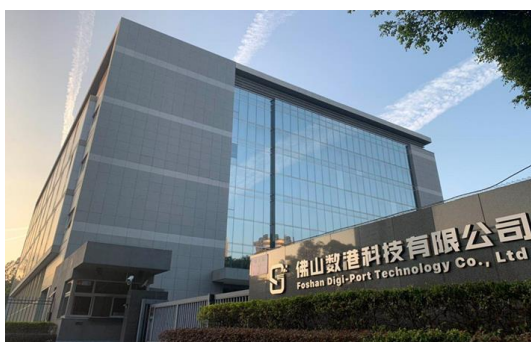


MIDEA CLOUD PROJECT (PHASE I)

GUIAN

Client: Midea Group
GFA (m2): 16,000
Services: Full QS Services
IT Load / No. of Racks: 8,500kVA / 1,190 Racks
Completion: 2024

The project consists of four data centres and auxiliary facilities.



NANHAI DATA CENTRE CAPACITY EXPANSION AND DR-UPS TRANSFORMATION

FOSHAN

Client: Foshan Digital Port Technology Company Limited
CFA (m2): 2,600
Services: Full QS Services
IT Load / No. of Racks: 4,800kVA / 1,200 Racks
Completion: 2023

The project refers to the upgrade and transformation of IT power capacity of the third floor of the data centre under Midea Group.

DATA CENTRE PROJECTS IN MAINLAND CHINA



ALIBABA CLOUD COMPUTING DATA CENTRE (FEITIAN PARK AT FENG JING) PHASE 1 SHANGHAI

Client: Alibaba
GFA (m2): 152,326
Services: Full QS Services
IT Load/No. of Racks: 30,976KW / 2,676 Racks
Completion: 2023

The project consists of 6 data centre buildings and one multi-purpose building. Among which 2 data centre buildings are to be delivered with M&E, and 4 with civil engineering only.



ALIBABA CLOUD COMPUTING DATA CENTRE (JIN SHAN) PHASE 1 SHANGHAI

Client: Alibaba
GFA (m2): 160,372
Services: Full QS Services
IT Load/No. of Racks: 30,976KW / 2,676 Racks
Completion: 2023

The project consists of 6 data centre buildings and one multi-purpose building. Among which 2 data centre buildings are to be delivered with M&E, and 4 with civil engineering only.



BAIDU DINGXING INTELLIGENT CLOUD COMPUTING CENTRE (PHASE 1 & 2) BAODING DINGXING

Client: Baidu
GFA (m2): 27,000 (Ph2); 33,000 (Ph1)
Services: Full QS Services
IT Load: 17.77MW (Ph2); 17.77MW (Ph1)
Completion: 2022 (Ph2); 2021 (Ph1)



TAICANG HUTAI SMART CLOUD VALLEY INDUSTRIAL PARK SUZHOU

Client: Shanghai Cheng Di Xiang Jiang Data Technology Company Limited
GFA (m2): 93,071
Services: Full QS Services
Completion: 2022

The project consists of two modern data centres and one multi-purpose building.

DATA CENTRE PROJECTS IN MAINLAND CHINA



QINGCHENG CLOUD COMPUTING DATA CENTRE QINGYUAN

Client: A Leading Telecommunication Company
GFA (m2): 116,894
Services: Full QS Services
IT Load / No. of Racks: 120.96MW / 15,000 Racks
Completion: 2022

The project consists of eight buildings including infrastructure cloud platform, cloud network system, cluster scheduling system, cloud storage system and information security system. The data centre has the capacity to house more than one million servers.



DONGYUEN DATA CENTRE HUAILAI

Client: A Leading Telecommunication Company
GFA (m2): 146,000
Services: Full QS Services
IT Load / No. of Racks: 105MW / 15,000 Racks
Completion: 2022

The project consists of four single-storey buildings, four multi-storey buildings, one complex building and several supporting facilities.



RUIBEI CLOUD DATA CENTRE HUAILAI

Client: A Leading Telecommunication Company
GFA (m2): 146,437
Services: Full QS Services
IT Load / No. of Racks: 105MW / 15,000 Racks
Completion: 2022

DATA CENTRE PROJECTS IN MAINLAND CHINA



GUI'AN HUAWEI CLOUD DATA CENTRE GUIYANG

Client: Huawei Technology Company Limited
CFA (m2): 481,000
Services: Full QS Services
IT Load / No. of Racks: 150MW / 18,600 Racks
Completion: 2022

Gui'an Huawei Cloud Data Centre is the largest Huawei cloud data centre across the globe, with an operational capacity of over one million servers. The development is built in a Prague town-style, comprising data centres, Huawei universities, hotels and apartments. The data centre is designed with green and intelligent technologies, making it environment-friendly, smart, and reliable.



QIXING DATA CENTRE (PHASE 2) GUI'AN

Client: A Leading Telecommunication Company
CFA (m2): 66,000
Services: Full QS Services
IT Load / No. of Racks: 56MW / 8,000 Racks
Completion: 2021

Qixing Data Centre is a green and efficient disaster recovery data centre with "high concealment, high protection, and high security" storing 300,000 servers.



YIZHENG DONGSHENG CLOUD DATA CENTRE YANGZHOU

Client: A Leading Telecommunication Company
GFA (m2): 116,567
Services: Full QS Services
IT Load / No. of Racks: 120.96 MW / 15,000 Racks
Completion: 2020

The project consists of 8 data centre buildings and an office building, accommodating 300,000 servers.

DATA CENTRE PROJECTS IN MAINLAND CHINA



CLOUD DATA CENTRE CHONGQING

Client: A Leading Telecommunication Company
CFA (m2): 56,000 (Ph2); 30,000(Ph1)
Services: Full QS Services
IT Load/No. of Racks: 38MW/5,400 Racks (Ph2); 19MW (Ph1)
Completion: 2020 (Ph2); 2017 (Ph1)

The project accommodates around 100,000 servers, this world-class data centre park comprises two blocks of IDC centres and one block of administration buildings.



TGT DALIAN DATA CENTRE 1 DALIAN

Client: TGT Yida Data Services (Dalian) Limited
GFA (m2): 16,000
Services: Full QS Services
IT Load / No. of Racks: Tier III Plus
Completion: 2016

The project includes the secondary deepening design of data centre, construction of computer room, installation of electromechanical systems, renovation, greening construction, security and related supporting facilities.



TGT HARBIN DATA CENTRE 1 HARBIN

Client: TGT China Cloud Data Services (Harbin) Co., Ltd.
CFA (m2): 37,000
Services: Full QS Services
IT Load / No. of Racks: 18MW
Completion: 2016

The project includes park planning, phase 1 and phase 2 data centre, security and related supporting facilities.



SHENZHEN/SHANTOU SPECIAL COOPERATION ZONE DATA CENTRE SHANTOU

Client: A Leading Telecommunication Company
GFA (m2): 56,000
Services: Full QS Services
Completion: 2014

The project consists of four standalone data centre buildings and one functional building.

DATA CENTRE PROJECTS IN MAINLAND CHINA



BINHAI DATA CENTRE (PHASE 1 & 2)

TIANJIN

Client: A Leading Telecommunication Company

GFA (m2): 20,000

Services: Full QS Services

IT Load / No. of Racks: 15,000 Racks

Completion: 2013 (Ph2); 2010 (Ph1)

This is the first self-built large-scale data centre of Client with a capacity to hold up to 200,000 servers.



BAOAN DATA SAVING CENTRE (PHASE 4)

SHENZHEN

Client: A Leading Telecommunication Company

GFA (m2): 1,800

Services: Full QS Services

IT Load / No. of Racks: 2,400kVA / 1,344 Racks

Completion: 2012

The project involves the construction of IDC phase 4 located in Building B of Bawang Industrial Group Limited.



CMB SHENZHEN DATA CENTRE

SHENZHEN

Client: China Merchants Bank

GFA (m2): 119,500

Services: Full QS Services

Completion: 2006

A purpose-built facility with data centre occupying approximately 15,000m2 and the remaining area configured as a research and development centre.



HUAWEI SHENZHEN BASE (DATA CENTRE)

SHENZHEN

Client: Huawei Technology Company Limited

GFA (m2): 60,000

Services: Full QS Services

Completion: 2005

The Shenzhen Huawei data centre development includes one fully fitted out data centre of 2,220m2 on one floor and another data centre of the same size on the second floor.

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