



A member of the **Bouygues Construction** group

INTEGRATED
BUILDING
SERVICES
FOR LIFE

BUILDING FOR LIFE



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WELCOME TO BYME Hong Kong

At BYME Hong Kong, our mission within Bouygues Construction is to bring the city's landmark structures to life. With over 35 years of local presence, we design and deliver high-performance Mechanical, Electrical, and Plumbing (MEP) systems that form the vital backbone of some of Hong Kong's most iconic developments.

Although building systems often remain unseen, they are essential to a structure's functionality and identity, directly influencing comfort, operational efficiency, safety, and sustainability. We approach this responsibility with rigorous standards, engineering excellence, and unwavering professionalism in every project we undertake.

Our team ensures seamless and comprehensive management throughout the entire MEP lifecycle, from design development and technical coordination to procurement, site supervision, testing, commissioning, and post-completion support.

As an integral part of Bouygues Construction, we combine deep-rooted local expertise with global resources and internationally recognized standards. This strength is further reinforced by our long-standing partnerships with trusted local suppliers and subcontractors.

I have full confidence in the expertise and dedication of our team, and I sincerely thank our clients and partners for their continued trust as we build—and illuminate—the future of Hong Kong together.

Patrick IU
Chairman

BYME Hong Kong
A Member of the Bouygues Construction Group



INTEGRATED **BUILDING** SERVICES **FOR LIFE**

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BYME Hong Kong

BYME Engineering (Hong Kong) is a leading building services and E&M specialist, and a subsidiary of **Dragages Hong Kong**. Through Dragages Hong Kong, BYME is part of **Bouygues Construction**, a global leader in construction, infrastructure, and sustainable development with a presence across multiple continents. Together with its regional subsidiaries, including BYME Macau, BPE (Zhuhai) Co. Ltd., and BNS, BYME leverages its regional presence and a team of experienced professionals to deliver innovative engineering solutions. BYME Hong Kong supports clients in designing, building, maintaining, and operating Electrical and Mechanical systems, delivering results that are effective, reliable, and sustainable across the region.

With a strong track record across a diverse portfolio of projects, BYME Hong Kong combines technical expertise with a client-focused approach to meet the evolving needs of complex developments. The company is committed to adopting advanced technologies and smart engineering practices, ensuring optimal performance and energy efficiency in every project. Its integrated capabilities cover the full project lifecycle, from early-stage design consultancy to installation, testing, commissioning, and long-term maintenance.

30+

ONGOING
PROJECTS

35+

YEARS OF
EXPERIENCE

300+

EMPLOYEES



香港寶嘉
Dragages
HongKong

A member of the Bouygues Construction group



嘉福機電
BYME

A member of the Bouygues Construction group



嘉福工程(澳門)
BYME
MACAU

A member of the Bouygues Construction group



佳准
huhai

珠海佳准机电有限公司
BPE (Zhuhai) Co. Ltd.



BNS



BUILDING
FOR LIFE

ABOUT BOUYGUES CONSTRUCTION

BOUYGUES
CONSTRUCTION

Bouygues Construction employs 35,600 people around the world, all driven by a single ambition: building for life.

In more than 50 countries, we improve daily life for millions of people by creating infrastructures and buildings that serve life and address all our needs: housing, healthcare, education, work, entertainment, travel, etc.

At every stage of a project, we put all our expertise and our experience into designing, building and renovating differently so that we can meet the critical imperatives of the environmental transition and deliver projects that are sustainable and less resource-intensive.

Committed to strong values, the men and women of Bouygues Construction work passionately alongside their customers and partners so that the impact they make becomes ever more positive.

PIONEERS IN THE CONSTRUCTION INDUSTRY

BYME Hong Kong is a subsidiary of Dragages Hong Kong, the international division of Bouygues Construction. Our purpose is to design, build and renovate projects that are ever more demanding in terms of technical, environmental, logistical and human requirements in the building and civil works sectors, throughout the world.

We continue to grow year by year, as reflected by our solid financial indicators

10.3

Billion Euros **IN SALES**
(2024)

35,600

EMPLOYEES WORLDWIDE

IN OVER 50 COUNTRIES

Our worldwide reach is founded on the complementary relationship between our central teams, who are capable of working anywhere in the world and who guarantee the excellence of our solutions, and our locally-based subsidiaries, who give us a solid foothold and local support in each region.

BOUYGUES
BATIMENT

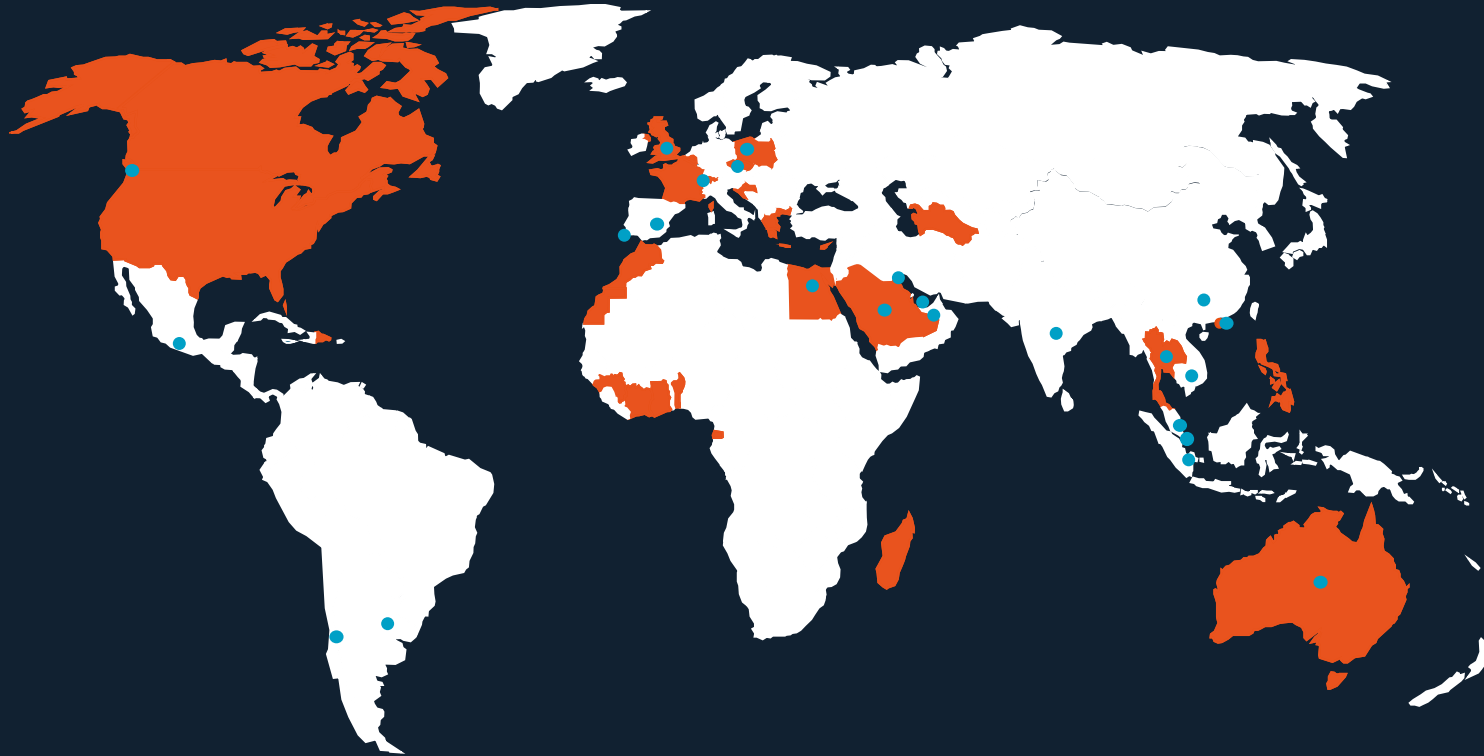
BOUYGUES
TRAVAUX PUBLICS

INTERNATIONAL

VSL

A member of
Bouygues Construction

● Location



WHAT WE DO

DESIGN

- MEP design development
- MEP coordination
- Technical specifications
- Load calculations
- Building Information Modelling

PROCUREMENT

- Member of Bouygues global network
- Direct supplier contact
- Global sourcing

SITE EXECUTION

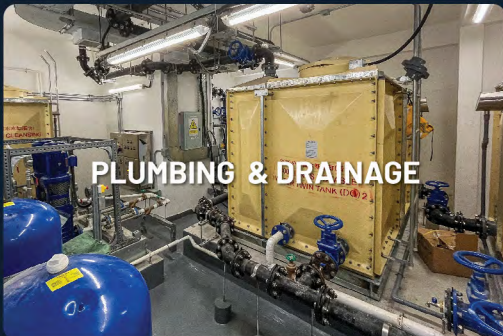
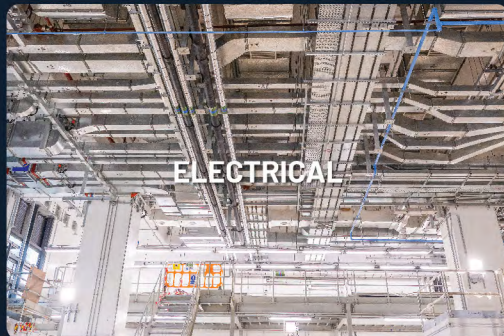
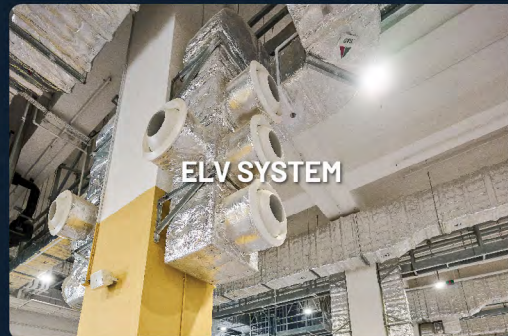
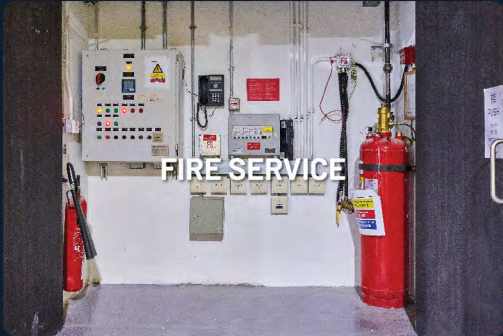
- Execution strategy
- Technical audits
- International teams
- Local suppliers
- Local subcontractors

DELIVERY & T&C

- As-Built plans
- O&M manuals
- T&C Plan
- T&C Method
- DLP monitoring



OUR SERVICES



OUR FUNDAMENTALS

BYME Hong Kong operates in accordance with Bouygues Construction standards.



HEALTH & SAFETY

Safety is our absolute priority. BYME Hong Kong is committed to protecting every person on our sites: employees, subcontractors and suppliers, through rigorous safety management and prevention protocols.

Our safety approach

- Systematic management of the six major risk categories responsible for 80% of serious incidents
- Safety culture embedded at every organizational level, from management to site operations
- Comprehensive training programs, preventive measures and ongoing communication
- Regular safety audits and compliance monitoring

Our objective is clear and non-negotiable: zero serious accidents, for anyone involved, on any project, anywhere in the world.



ENVIRONMENTAL RESPONSIBILITY

BYME Hong Kong supports Bouygues Construction's climate commitments through responsible construction practices and carbon reduction initiatives.

SBTi-Certified Carbon Targets:

- 40% reduction in direct greenhouse gas emissions by 2030
- 30% reduction in indirect greenhouse gas emissions by 2030

Site-Level Actions:

- Energy consumption optimization and monitoring
- Deployment of low-emission vehicles and construction equipment
- Waste minimization and recycling programs
- Specification of low-carbon materials where feasible
- Implementation of science-based solutions for emission reduction



BUILD FOR INDUSTRY / SHARED PASSION

VALUE ENGINEERING

With a diverse portfolio of industrial projects and a commitment to tackling complex challenges in Hong Kong and worldwide, BYME Hong Kong remains ambitious and at the forefront of technological innovation. We deliver advanced solutions for demanding infrastructure developments, upholding the highest standards of multi-technical expertise, reliability, and safety on every project.

OUR EXPERTISE

Our industrial expertise encompasses a wide range of sectors, including data centers, banks, airports, and other critical facilities. Backed by extensive technical knowledge and proven capabilities across diverse fields, we combine in-depth understanding of each project's unique requirements and challenges with dedicated, skilled teams. This enables us to consistently fulfill our clients' expectations and ensure the successful delivery of every project.

OUR COMMITMENT

Aligned with the latest industry trends and market demands, we deliver turnkey industrial buildings designed for superior energy efficiency and environmental sustainability.

GUIDING VALUES

- **RESPECT**
Respect, treat others how you would like to be treated.
- **COMMITMENT**
Commitment is about giving your heart and soul.
- **PIONEERING**
Every day, we are ready to take on the toughest challenges
- **SHARING**
Knowledge is meant to be passed on.



BUILD FOR INNOVATION

Innovation is at the core of BYME Hong Kong's project delivery approach. Through the integration of MiMEP, BIM, VR, and AR technologies, we are redefining how complex engineering projects are designed, coordinated, constructed, and maintained.

Multi-trade Integrated Mechanical, Electrical and Plumbing (MiMEP)

By standardizing the module design, the team reduced the number of module variants, helping to simplify fabrication, ease installation, and support a more predictable construction workflow.

Robotics and Automation

We deploy advanced robotics to automate repetitive, high-precision tasks, driving safety and consistency on the construction floor:

- **Precision Layouts:** Autonomous robots print highly accurate 2D E&M layouts directly onto concrete slabs, cutting human error.
- **Safe Drilling & Mounting:** Semi-automated robotic rigs handle overhead drilling and anchor installations, shielding workers from dust and physical strain.
- **Predictive Scanning:** Robotic site-rovers continuously capture 3D reality data, feeding progress updates back to our BIM models in real time.

Building with Artificial Intelligence (AI)

We integrate AI into engineering workflows to improve productivity, accuracy, and decision-making.

- **AI-Assisted Design Validation:** Automatically checks BIM models against engineering rules and best practices to identify potential design, compliance issues early.
- **Intelligent Engineering Automation:** Supports engineering calculations, report generation, and automated model development, enabling faster and more efficient design workflows.
- **Smart Data & Project Intelligence:** Streamlines asset information management, document review, and compliance verification, improving data quality and decision-making across projects.

Building Information Modeling (BIM)

By leveraging BIM to optimize complex E&M systems before installation begins.

- **Zero Clashes:** Eliminates spatial conflicts in 3D prior to on-site assembly.
- **Pre-Fabrication:** Enables precise off-site manufacturing, minimizing material waste.
- **Faster Delivery:** Accelerates installation workflows and streamlines on-site coordination.

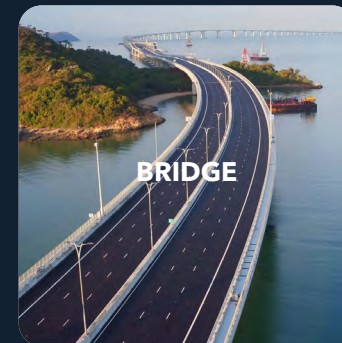
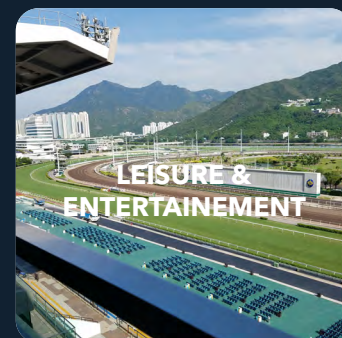
Virtual reality (VR) & Augmented Reality (AR)

We integrate VR & AR with our BIM models to bridge the gap between digital design and physical installation on-site:

- **Real-Time Inspection:** Overlays complex 3D E&M layouts directly onto physical walls to instantly verify correct installation.
- **Faster Quality Control:** Speeds up handovers and quality checks by visually matching "as-built" systems against the design model.
- **Safer, Smart Maintenance:** Allows teams to "see through" walls during post-completion support, easily locating hidden pipes and wiring.



OUR CORE EXPERTISE



OUR REFERENCES



OUR REFERENCES

Trunk Road T2 and Cha Kwo Ling Tunnel

A meticulous blend of technical expertise and innovative methodologies

The main scope includes the construction of a 3.4km dual two-lane trunk road, ventilation buildings, electrical and mechanical services, and other associated works. BYME has been commissioned to provide design, manufacture, supply, installation, testing and commissioning of Mechanical, Electrical & Plumbing (MEP) Systems.

In addition to the first contract, we were tasked to provide installation, testing and commissioning of the Traffic Control and Surveillance System (TCSS).



Air Purification System Plenums in the East and West Ventilation Buildings circulate fresh air and extract vehicle exhaust to maintain optimal air quality.

OUR REFERENCES

Kwu Tung Station

From smart construction to smarter maintenance

It involves the construction of Kwu Tung Station on the East Rail Line, a new intermediate station situated between Lok Ma Chau Station and Sheung Shui Station. Situated strategically in the heart of the future Kwu Tung North New Development Area, Kwu Tung Station will serve as a vital transportation hub, providing efficient and convenient railway services for the present and future residents in the area.

BYME has been commissioned to provide building services for the project, including electrical and fire services, Environmental Control System (ECS), Station Based Control System (SBCS) and plumbing and drainage system



Low Voltage Switchboard at Kwu Tung Station Project

KEY DATA

- Project Period: 2019 - 2026
- Client: CEDD, HKSAR Government
- Certification: Smart Site Safety System (4S) Labelling Scheme
- Scope of Works:
 - Electrical & Extra Low Voltage (ELV) Service
 - Fire Services System
 - Mechanical Ventilation & Air-conditioning Systems
 - Tunnel Ventilation System, Air Purification System (APS), Plumbing & Drainage System
 - Central Monitoring and Control System (CMCS)
 - MiMEP Implementation
 - Traffic Control and Surveillance System (TCSS)



KEY DATA

- Project Period: 2023 - 2026
- Client: MTR Corporations Limited
- Scope of Works:
 - Electrical Service
 - Fire Services
 - Environmental Control System (ECS)
 - Station Based Control System (SBCS)
 - Condition Based Management System (CBMS)
 - Plumbing and Drainage System
 - MiMEP Implementation
- Certification: Smart Site Safety System (4S) Labelling Scheme
- Establishing BIM War room – a central hub designed to tackle project complexity and maximize collaboration.



OUR REFERENCES

Fire Services Department Tiu Keng Leng Complex

Pioneering Modular Construction with Integrated E&M Expertise

The development, located in Tseung Kwan O, comprises a five-storey fire station-cum-ambulance depot, a 12-storey departmental quarters atop the depot to provide about 132 H-grade units, and an ancillary eight-storey drill tower.

BYME has been commissioned to provide Building Services installations. Modular Integrated Construction (MiC) method has been utilized to meet the tight construction schedule while ensuring enhanced efficiency and site safety.



BYME applied the Design for Manufacture and Assembly (DfMA) approach, designing over 500 E&M modules.

OUR REFERENCES

Happy Valley Racecourse & Sha Tin Racecourse

Powering excellence through decades of trusted partnership

As a long-term E&M partner of the Hong Kong Jockey Club, BYME Hong Kong has played a key role in enhancing facilities across the Happy Valley and Sha Tin Racecourses. Our expertise has supported upgrades to grandstands, betting halls, member areas, restaurants, and essential building services, contributing to an exceptional experience for racegoers and guests.

Further strengthening this valued partnership, we were recently awarded two new contracts—the Old Clubhouse Six Furlong Project and the Grandstand Busduct Replacement Project—demonstrating continued trust in BYME's engineering excellence and project delivery capabilities.



BYME has been commissioned by HKJC to provide a wide range of E&M services since 2011

KEY DATA

- Project Period: 2022 - 2026
- Client: Architectural Services
- Department, HKSAR
- Contractor: Dragages Hong Kong
- Scope of Works:
 - Electrical & Extra Low Voltage (ELV) Service
 - Mechanical Ventilation & Air-conditioning Systems
 - Fire Services System
 - Plumbing, Drainage and Towngas System
 - MiC Adoption: 648 MiC modules forming 132 apartments of 50m2



KEY DATA

- Project Period: Since 2011- Present
- Client: The Hong Kong Jockey Club
- Scope of Works:
 - Electrical
 - Fire Services
 - Mechanical Ventilation & Air-conditioning
 - Plumbing & Drainage
 - Associated Builder's Works



OUR REFERENCES

AsiaWorld-Expo

Supporting a world-class venue through every stage of its journey

Since the development of AsiaWorld-Expo, BYME has played an integral role in both its construction and long-term operation. Following the successful delivery of the venue’s full turnkey E&M systems, we were appointed to provide ongoing facility management services, covering E&M maintenance, utility management, and building enhancement works.

For more than two decades, our team has supported the seamless operation of one of Hong Kong’s most prestigious exhibition and entertainment venues, demonstrating our capability to deliver value from project inception through lifecycle management.



Innovative energy-efficient solutions, including thermal storage and textile duct systems, supporting sustainable operations.

OUR REFERENCES

Hospital Authority Supporting Services Centre

Engineering healthcare facilities that support tomorrow

The Hospital Authority Supporting Services Centre is a vital healthcare infrastructure project designed to strengthen Hong Kong’s healthcare support network. Located in Tung Chung, the facility will house a central laundry centre, central food production unit, IT corporate data centre, and emergency PPE store, providing essential services that support healthcare operations across the city.

Commissioned by the Architectural Services Department, BYME delivered comprehensive MEP services for the six-storey development, demonstrating our expertise beyond commercial and industrial projects and our commitment to building resilient infrastructure for future healthcare needs.



Electrical Installation at HASSC project

KEY DATA

- Project Period:
 - Aug 2003 - Mar 2006
 - Ongoing (Operation and Maintenance)
- PPP partnership
- Scope of Works:
 - Electrical and Extra Low Voltage (ELV) system
 - Fire Services
 - Mechanical Ventilation and air-conditioning (MVAC).
 - Plumbing & Drainage System
 - Building Management System
 - Operation and Maintenance:
 - Mechanical Ventilation Air-conditioning and Ice-thermal Storage Installation



KEY DATA

- Project Period: 2020 - 2024
- Client: Architectural Services Department
- Scope of Works:
 - Electrical and Extra Low Voltage (ELV) system
 - Fire Services
 - Mechanical Ventilation and air-conditioning (MVAC).
 - Plumbing & Drainage System
 - Building Management System



OUR REFERENCES

HSBC Centres

Engineering reliable performance for a landmark commercial asset

Since 2016, BYME has partnered with HSBC Hong Kong to deliver a wide range of upgrade and enhancement works at HSBC Centre in Tai Kok Tsui. Our services have covered critical building systems, including chiller plants, switchboards, fire services, plumbing services, public address systems, and other infrastructure upgrades.

Through consistent delivery and technical excellence, BYME has earned HSBC's trust and secured multiple contracts over the years. This enduring partnership demonstrates our capability to support the continuous improvement of complex commercial facilities, ensuring reliability, safety, and long-term operational performance.



Meticulous planning and phased execution to ensure uninterrupted daily operations throughout the upgrade works.

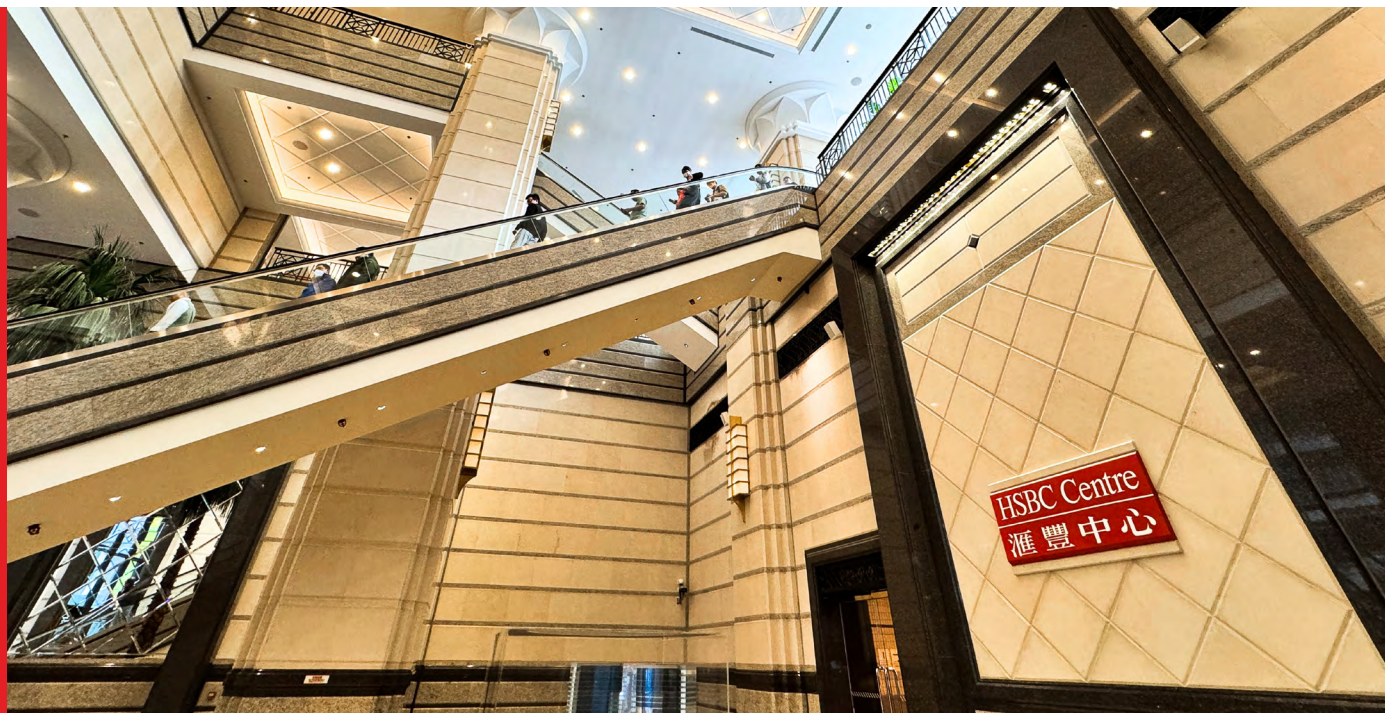
KEY DATA

→ Project Period: 2020 - 2024

→ Client: HSBC

→ Scope of Works:

- Electrical and Extra Low Voltage (ELV) system
- Fire Services
- Mechanical Ventilation and air-conditioning (MVAC).
- Plumbing & Drainage System
- Architectural Builder's Works and Finishing



OUR REFERENCES WORLDWIDE

BOUYGUES CONSTRUCTION NETWORK



ASHGABAT, TURKMENISTAN YYLDYZ HOTEL



SINGAPORE TAMPINES GRANDE



SINGAPORE SPORTS HUB



ASHGABAT, TURKMENISTAN BOUYGUES
TURKMEN HQ



DOHA, QATAR QP DISTRICT



SINGAPORE RITZ-CARLTON MILLENIA



BYME Hong Kong
26/F, Two Harbour Square, 180 Wai Yip Street,
Kwun Tong, Kowloon

(852) 2881 6690
info@byme hk.com