

BUILDING TODAY SHAPING TOMORROW

Integrated Engineering & Project Management
Solutions for a Better Tomorrow

COMPANY PROFILE

CAPABILITY STATEMENT



OUR COMMITMENT

We are committed to delivering exceptional engineering services and digital solutions that drive **long-term success** for our clients.



15+
YEARS OF
EXPERIENCE



100+
PROJECTS
DELIVERED



10+
SECTORS
SERVED



95%+
ON-TIME
DELIVERABLES



PROJECT MANAGEMENT
& CONTROLS



ENGINEERING &
DESIGN SUPPORT



COST MANAGEMENT &
QUANTITY SURVEYING



CONSTRUCTION
SUPPORT



CONSULTING &
ADVISORY SERVICES



PLANNING
WITH PRECISION



EXECUTION
WITH EXCELLENCE



DELIVERY
WITH INTEGRITY

DIGITAL INTELLIGENCE • INTEGRATED SOLUTIONS • MEASURABLE RESULTS



EXCELLENCE
We deliver quality
in everything we do.



INTEGRITY
We build trust through
transparency and
commitment.



COLLABORATION
We work together to
achieve shared
success.



INNOVATION
We embrace innovation
to create value and
better solutions.



SUSTAINABILITY
We are committed to
building a better
future.



OUR MARKETS

SAUDI ARABIA

EGYPT

BEYOND BORDERS

BUILDING GLOBAL IMPACT

Build Metrics

Engineering Excellence • Project Success

Engineering Consultancy
Powered by Digital Project Intelligence

PLAN
with Confidence

CONTROL
with Precision

DELIVER
on Time

DECIDE
with Data

PROFESSIONAL PLATFORMS & TECHNOLOGIES



ETABS® SAFE® SAP2000®

AUTODESK AUTOCAD AUTODESK REVIT

DATA DRIVEN DECISIONS ACCURATE & RELIABLE TRANSPARENT & COLLABORATIVE MEASURABLE RESULTS

ABOUT US

Build Metrics is a multidisciplinary engineering consultancy specializing in project controls, structural engineering, technical office services, and digital project solutions.

- We help contractors, consultants, and developers deliver projects efficiently.
- We combine engineering expertise with digital intelligence to enable better decisions.
- We design tailored solutions for every project, based on your needs and objectives.



15+ YEARS OF TEAM EXPERIENCE

50+ PROJECTS SUPPORTED

3+ COUNTRIES SERVED

CLIENT FOCUSED
TRANSPARENT.
RELIABLE.
COMMITTED.

OUR SOLUTIONS



ENGINEERING SOLUTIONS

- Planning & Scheduling (P6)
- Project Controls
- Structural Engineering
- Technical Office Services
- Quantity Surveying & BOQ
- Cost Control
- Risk Management
- Claims & EOT



DIGITAL ENGINEERING SOLUTIONS

- Executive Dashboards
- KPI Monitoring
- Digital Reporting
- Portfolio Monitoring
- Data Analytics
- Visualization
- Power BI Dashboards



PROJECT INFORMATION SOLUTIONS

- Document Center
- Shop Drawings Management
- Site Reality (360°)
- Meetings & MOM
- Procurement Tracking
- Material Approvals
- Quality & Testing



BM LIVE INTEGRATED DIGITAL WORKSPACE

- Project Health
- Executive Reports
- Planning & Progress
- Site Reality
- Decision Support
- Single Source of Project Information



INDUSTRIES WE SERVE



Commercial Buildings



Residential Buildings



Hospitals & Healthcare



Educational Facilities



Industrial & Infrastructure



SOLUTIONS BUILDER

- Understand Your Project
- Assess Your Needs
- Design Your Solution
- Deliver Results

Every project is unique.
We design the right solution for your objectives, complexity, and budget.

WHY BUILD METRICS?



Engineering Expertise
Deep domain knowledge



Tailored Solutions
Designed for your project needs



Digital Intelligence
Turning data into better decisions



Integration First
Works with your existing systems



Quality & Commitment
Reliable, accurate, on time

OUR DIGITAL ECOSYSTEM



Engineering Expertise
Deep domain, design & control



Digital Solutions
Dashboards, reports & analytics



BM Live Workspace
All project information in one place



Better Decisions
Real-time insights & visibility



Project Success
On time, on budget, on quality

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SCAN TO VISIT OUR WEBSITE

FOLLOW US



ENGINEERING EXCELLENCE



PROJECT SUCCESS



CLIENT PARTNERSHIPS

SMARTER SOLUTIONS. STRONGER PROJECTS. BETTER FUTURES.

WHY CLIENTS CHOOSE BUILD METRICS

We don't just provide services — we create value.

By combining engineering expertise, digital intelligence, and proven processes, we help you make better decisions and deliver successful projects.

“ Engineering Excellence.
Digital Intelligence.
Better Decisions. ”



TAILORED SOLUTIONS

We understand every project is unique. We design the **right solution** that fits your objectives, complexity, and budget.



ENGINEERING + DIGITAL INTELLIGENCE

Deep engineering expertise integrated with advanced digital tools to turn data into **meaningful insights** and actions.



INTEGRATED DIGITAL WORKSPACE

All project information, schedules, reports, documents, and site data in **one connected environment** for real-time visibility.



ACCURATE DECISIONS

Reliable data, real-time dashboards, and performance tracking enable you to make **confident decisions** at the right time.



TRANSPARENT PARTNERSHIP

We work as an extension of your team with **clear communication**, **full transparency**, and aligned goals at every stage.



MEASURABLE IMPACT

Our solutions focus on **outcomes**: on-time delivery, cost efficiency, risk reduction, and long-term project success.



15+
Years of
Experience



100+
Projects
Delivered



1B+
SAR Value
Managed



Multiple
Sectors
Covered



PMP®
PMI-RMP®
Certified



95%+
On-Time
Deliverables



OUR COMMITMENT

We are committed to delivering exceptional service, innovative solutions, and **measurable results** that drive **long-term success** for every client.



Understand
Your Needs



Design the
Right Solution



Implement
with Excellence



Achieve &
Optimize

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📍 Cairo, Egypt



SCAN TO VISIT
OUR WEBSITE

OUR SOLUTIONS CATALOG

Tailored Engineering & Digital Solutions for Every Project

We combine engineering expertise and digital intelligence to deliver measurable value through **tailored solutions** that fit your project needs.



01

ENGINEERING SERVICES

End-to-end engineering support throughout the project lifecycle.

- ✓ Planning & Scheduling (P6)
- ✓ Project Controls & Monitoring
- ✓ BIM Modeling & Coordination
- ✓ Quantity Surveying & Takeoff
- ✓ Technical Office & Submittals
- ✓ Claims, EOT & Delay Analysis



02

DIGITAL PROJECT INTELLIGENCE

Data-driven dashboards and analytics for smarter decisions.

- ✓ Power BI Dashboards
- ✓ KPIs & Performance Tracking
- ✓ Executive & Periodic Reports
- ✓ Trend Analysis & Forecasting
- ✓ Cost & Cash Flow Analytics
- ✓ Custom Data Visualizations



03

PROJECT INFORMATION MANAGEMENT

Centralized information management for full control and traceability.

- ✓ Document Center & Version Control
- ✓ Approved Drawings & Models
- ✓ Submittals & Correspondence
- ✓ MOM, RFIs & Transmittals
- ✓ Payments & Certificates
- ✓ Audit Trail & Compliance



04

BM LIVE WORKSPACE

Your digital command center for complete project visibility.

- ✓ Project Health Dashboard
- ✓ Planning & Progress Tracking
- ✓ Risks & Issues Management
- ✓ Procurement & Deliveries
- ✓ Alerts, Notifications & Workflows
- ✓ Role-Based Access



05

SITE REALITY MONITORING

Keep your finger on the pulse of the site, anywhere, anytime.

- ✓ 360° Site Visits
- ✓ Progress Photos & Videos
- ✓ Drone & Time-lapse (on request)
- ✓ Site Reports & Observations
- ✓ Quality & Safety Monitoring
- ✓ Real-time Updates



06

SOLUTIONS BUILDER

We design the right solution for your objectives, budget & timelines.

- ✓ Understand Your Needs
- ✓ Select Required Modules
- ✓ Tailored Scope & Proposal
- ✓ Flexible Engagement Model
- ✓ Scale With Your Project
- ✓ Value That Fits Your Budget

OUR PROMISE



Tailored Solutions
for Your Project



Quality & Accuracy
You Can Rely On



Transparent Collaboration
Every Step



Measurable Results,
Real Impact



INTEGRATED
SOLUTIONS



DATA DRIVEN
DECISIONS



BETTER
COLLABORATION



MAXIMUM
VALUE





Build Metrics

Engineering Excellence

• Project Success

OUR SOLUTION DELIVERY JOURNEY

A Structured Approach to Deliver Excellence



**Tailored Solutions
for Your Project**



**Quality & Accuracy
You Can Rely On**



**Transparent Collaboration
Every Step**



**Measurable Results,
Real Impact**



Build Metrics

Engineering Excellence • Project Success



**INTEGRATED
SOLUTIONS**



**DATA DRIVEN
DECISIONS**



**BETTER
COLLABORATION**



**MAXIMUM
VALUE**

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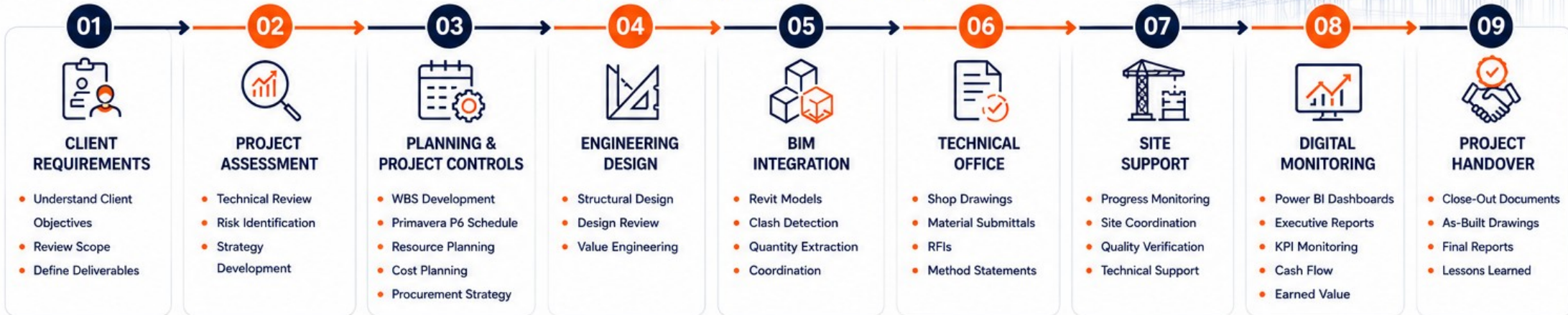
Cairo, Egypt

05

DELIVERY METHODOLOGY

From Vision to Successful Project Delivery

A structured engineering workflow integrating Project Controls, BIM, Technical Office and Digital Reporting into one delivery framework.



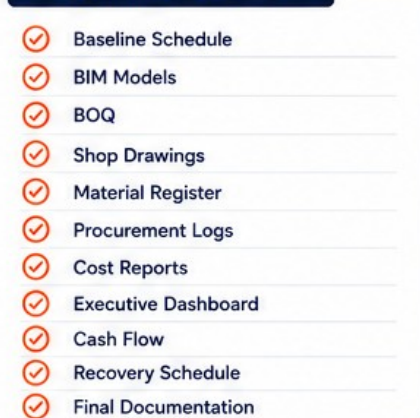
KEY ACTIVITIES



DIGITAL ECOSYSTEM



OUR DELIVERABLES



CLIENT VALUE



BM LIVE – INTEGRATED DIGITAL PROJECT WORKSPACE

One Platform. Complete Project Visibility. Better Decisions.

A configurable digital workspace tailored to each client's project requirements.



Modules are activated based on the client's selected solution package.

01



PROJECT HEALTH DASHBOARD

- Overall Project Status
- Schedule Performance
- Cost Performance
- KPI Monitoring
- Executive Summary

02



PLANNING & PROJECT CONTROLS

- Baseline Schedule
- Progress Tracking
- Look-Ahead Plans
- Critical Path Monitoring
- Delay Analysis

03



PROJECT INFORMATION CENTER

- Approved Drawings
- Material Submittals
- Method Statements
- RFIs & Technical Queries
- Meeting Minutes
- Project Correspondence

04



SITE REALITY 360°

- 360° Virtual Site Walk
- Time-line Comparison
- Progress Photos
- Drone Capture (Optional)
- Site Observations

05



COST & COMMERCIAL

- Cash Flow
- Cost Reports
- Payment Certificates
- Variations
- Claims & EOT Status

06



PROCUREMENT & APPROVALS

- Material Tracking
- Supplier Approvals
- Subcontractor Approvals
- Procurement Status
- Delivery Tracking

07



RISKS & ISSUES

- Risk Register
- Issues Log
- Mitigation Actions
- Escalation Status

08



EXECUTIVE REPORTS

- Automated Reports
- Weekly Reports
- Monthly Reports
- Portfolio Dashboard
- PDF Export

Why BM Live?

- ✓ One Digital Workspace
- ✓ Executive Decision Support
- ✓ Complete Project Visibility
- ✓ Approved Information Only
- ✓ Real-time Monitoring
- ✓ Configurable by Project
- ✓ Integration with Existing Systems
- ✓ Scalable for Any Project Size



INTEGRATED SOLUTIONS

All project data connected in one platform.



DATA DRIVEN DECISIONS

Accurate insights for smarter decisions.



BETTER COLLABORATION

Unified communication and real-time coordination.



MAXIMUM VALUE

Reduce risks, save time and improve performance.

06

HOW WE ADD VALUE

We transform challenges into opportunities and deliver measurable results.



BEFORE BUILD METRICS

- ✗ Delayed Project Schedule
- ✗ Manual Reports & Spreadsheets
- ✗ Poor Coordination & Communication
- ✗ Quantity Errors & Rework
- ✗ Budget Overruns
- ✗ Slow Decision Making
- ✗ Multiple Vendors & Fragmented Solutions
- ✗ No Real-Time Project Visibility



AFTER BUILD METRICS

- ✓ Controlled Project Schedule
- ✓ Live Dashboards & Automated Reports
- ✓ Better Coordination & Collaboration
- ✓ Accurate Quantities & Less Rework
- ✓ Controlled Costs & Better Budgeting
- ✓ Faster & Smarter Decisions
- ✓ One Engineering Partner, End-to-End Solutions
- ✓ Real-Time Project Visibility

Project Performance

	Schedule		95%
	Cost		90%
	Quality		96%
	Safety		92%



BUSINESS IMPACT



FASTER DELIVERY

Shorter project durations



COST SAVINGS

Optimized resources & reduced waste



BETTER VISIBILITY

Real-time insights for better control



HIGHER PRODUCTIVITY

Streamlined processes & automation



BETTER QUALITY

Accurate deliverables & fewer errors



We don't just manage projects, we add **measurable value** to every stage of your project journey.



50+
Satisfied Clients



50+
Projects Delivered



10+
Years of Collaboration



Multiple
Long-Term Partnerships



Diverse
Sectors Served



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WHY BUILD METRICS IS DIFFERENT

We transform challenges into opportunities and deliver measurable results.



15+

YEARS OF EXPERIENCE

Deep industry knowledge with a strong track record



50+

PROJECTS DELIVERED

Successfully delivered across multiple sectors



1B+

PROJECT VALUE SUPPORTED

Delivering cost-effective solutions of all sizes



TRADITIONAL CONSULTANCY

- ✗ Engineering Only
- ✗ Separate Reports
- ✗ Multiple Platforms
- ✗ Manual Coordination
- ✗ Reactive Decisions
- ✗ Limited Visibility
- ✗ Information Silos
- ✗ Higher Risks & Delays

ENGINEERING

Deep domain expertise across all major disciplines



BM LIVE

Integrated digital workspace for complete project visibility



BUILD METRICS ECOSYSTEM

Engineering Excellence • Project Success

DIGITAL INTELLIGENCE

Data-driven insights, analytics & digital engineering



EXECUTIVE DECISION SUPPORT

Action-driven intelligence for better, faster and confident decisions



BETTER OUTCOMES FOR OUR CLIENTS

- 🎯 Better Decisions
- 👁️ Higher Visibility
- ⌚ Faster Delivery
- 🛡️ Lower Risks
- 👥 Better Collaboration
- 🏆 Project Success

OUR DIGITAL ECOSYSTEM

An integrated approach that connects every stage of your project journey.



ENGINEERING SERVICES

Design • Analysis • Review
Technical Excellence



DIGITAL ENGINEERING

Modeling • Simulation
Clash Detection • 4D



BM LIVE WORKSPACE

Data Integration • Dashboards
Reports • Monitoring



EXECUTIVE DASHBOARDS

Real-time KPIs
Performance Insights



PROJECT SUCCESS

On Time • On Budget
Quality • Safety



ENGINEERING EXCELLENCE

Precision in every detail.
Excellence in every deliverable.



DIGITAL INNOVATION

Leveraging technology
for smarter project delivery.



RELIABLE DELIVERY

On time. On budget.
Beyond expectations.



LONG-TERM PARTNERSHIP

Building trust through performance
and shared success.



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BuildMetrics

DIGITAL PROJECT LIFECYCLE

From Planning to Performance, Digitally Connected



ENABLED BY BM LIVE



SOLUTIONS BUILDER

Tailored Solutions, Maximum Impact.

We understand that every project is unique. Our solutions in BM Live are designed to be flexible and digital tools that fit your needs – working more, working less.



CHOOSE YOUR SOLUTION PACKAGES

Select the powerful tools and services aligned with your goals to deliver excellence at every stage of your project.

ENGINEERING SERVICES

- Structure Design & Analysis
- MEP Modeling & Coordination
- Technical Office Services
- Quantity Surveying & BOQ
- Specifications & Standards
- Engineering Studies

PROJECT CONTROLS & PLANNING

- Project Planning (Primavera P6)
- Schedule Monitoring
- Delay Analysis & Claims (EOT)
- Cost Control & Reporting
- Risk Analysis & Reporting
- Look-Ahead & Cash Flow

DIGITAL SOLUTIONS (BM LIVE)

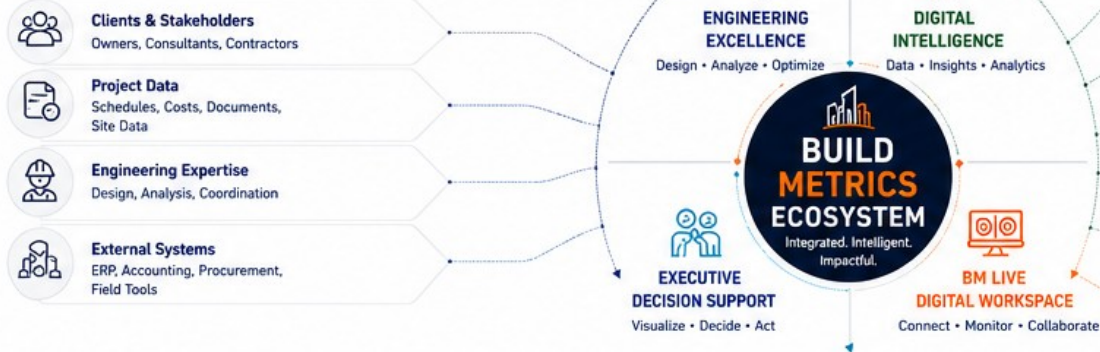
- Project Health Dashboard
- Project Performance Center
- Risk & Issue Tracker
- Procurement & Approval
- Field & Site Management
- Executive Reports

FLEXIBLE ENGAGEMENT MODELS



THE BUILD METRICS ECOSYSTEM

An Integrated Ecosystem That Delivers Project Success



DELIVERING EXCEPTIONAL OUTCOMES

- Better Decisions**
Data-Driven & Insightful
- Higher Visibility**
360° Project Visibility
- Faster Delivery**
On Time, On Budget
- Lower Risks**
Proactive Risk Management
- Better Collaboration**
Aligned Teams, Integrated Goals
- Project Success**
Sustainable Value & Client Satisfaction

POWERED BY OUR CORE STRENGTHS

- People**
Experienced Professionals, Passionate Experts
- Process**
Proven Methodologies, Industry Best Practices
- Technology**
Advanced Tools & Automation
- Partnership**
Long-term Relationships, Built on Trust



INDUSTRIES EXPERIENCE

Engineering Expertise Across Diverse Sectors

Delivering integrated engineering and digital solutions through the experience of our multidisciplinary team.



**SOLUTIONS TAILORED.
EXPERIENCE TRUSTED.
RESULTS DELIVERED.**



COMMERCIAL BUILDINGS



10+
Projects

- Office Buildings
- Mixed-Use
- Retail Centers
- Business Parks
- Hotels

Key Clients: Private Developers, Corporates, Institutions



RESIDENTIAL PROJECTS



6+
Projects

- Residential Buildings
- Villas & Compounds
- Housing Projects
- Renovation Works

Key Clients: Developers, Private Owners



GOVERNMENT FACILITIES



5+
Projects

- Administrative Buildings
- Municipal Facilities
- Security Facilities
- Public Service Centers

Key Clients: Government Authorities, Ministries



INFRASTRUCTURE PROJECTS



7+
Projects

- Roads & Highways
- Bridges & Structures
- Utilities
- Site Development

Key Clients: Government, Contractors



WATER & WASTEWATER



3+
Projects

- Water Networks
- Pump Stations
- Treatment Plants
- Irrigation Systems

Key Clients: Ministries, Water Authorities



INDUSTRIAL FACILITIES



5+
Projects

- Industrial Buildings
- Plants & Factories
- Warehouses
- Utility Buildings

Key Clients: Industrial Operators, EPCs



EDUCATIONAL FACILITIES



4+
Projects

- Schools
- Universities
- Training Centers
- Laboratories

Key Clients: Government, Private Institutions



HEALTHCARE FACILITIES



3+
Projects

- Hospitals
- Clinics
- Health Centers
- Medical Laboratories

Key Clients: Healthcare Providers



AGRICULTURAL PROJECTS



2+
Projects

- Farm Buildings
- Irrigation Systems
- Water Tanks
- Support Facilities

Key Clients: Ministries, Private Farms



SPECIALIZED PROJECTS



5+
Projects

- Security Facilities
- Cultural Buildings
- Sports Facilities
- Custom Structures

Key Clients: Government, Organizations

OUR EXPERIENCE AT A GLANCE



50+
Projects
Delivered



3+
Countries
Served



15+
Years of Combined
Experience



50+
Skilled Engineers &
Project Professionals



1B+
SAR Value of Projects
Supported



95%+
Client Retention
Rate



DIGITAL PROJECT LIFECYCLE & SOLUTIONS BUILDER

From Planning to Performance, Digitally Connected

 One connected digital journey
for **complete project success.**



01 PLAN

- Define Scope
- Feasibility
- Baseline Schedule
- Cost Planning
- Risk Assessment



02 DESIGN

- Engineering Design
- Modeling & Analysis
- Drawings & Specs
- Value Engineering
- Approvals



03 PROCURE

- Procurement Planning
- Supplier Management
- Material Tracking
- Subcontractor Approvals
- Delivery Planning



04 BUILD

- Construction Execution
- Site Monitoring
- Quality & Safety
- Progress Tracking
- Issue Management



05 CONTROL

- Schedule Control
- Cost Control
- Change Management
- Risk & Issues
- Performance Monitoring



06 CLOSE & DELIVER

- Testing & Commissioning
- Document Handover
- Final Accounts
- Lessons Learned
- Project Closeout



Real-time
Data



Centralized
Information

ENABLED BY **BM LIVE**



Integrated
Dashboards



Automated
Reports



Complete
Visibility



Better Decisions
Data-driven insights



On Time Delivery
Improved schedule control



Cost Efficiency
Better cost performance



Quality & Safety
Higher standards delivered



Complete Visibility
Integrated project view



CHOOSE YOUR **SOLUTION PACKAGES**

Select the services you
need and combine
engineering expertise
with digital intelligence
to deliver value at
every stage.

ENGINEERING SERVICES

-  Structural Design & Analysis
-  BIM Modeling & Coordination
-  Technical Office Services
-  Quantity Surveying & BOQ
-  Shop Drawings & Approvals
-  Engineering Studies

PROJECT CONTROL & PLANNING

-  Project Planning (Primavera P6)
-  Schedule Monitoring
-  Delay Analysis & Claims (EOT)
-  Look-Ahead Planning
-  Dashboards & Reporting
-  Cost Control & Cash Flow

DIGITAL SOLUTIONS (BM LIVE)

-  Project Health Dashboard
-  Project Information Center
-  Site Reality 360°
-  Procurement & Approvals
-  Risk & Issues Management
-  Executive Reports



FULL SERVICE PARTNER
End-to-end support
from start to finish
lifecycle



MODULAR SOLUTIONS
Choose the services
you need



ADVISORY SUPPORT
Expert guidance for
critical decisions



ON-DEMAND EXPERTISE
Specialized support
when you need it



Right Solution
for Your Project



Right Expertise
for Every Need



Right Time
for Maximum Impact



Right Value
for Your Investment



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PREVIOUS WORKS

A collection of our successfully delivered projects across various sectors.



PLAN
with Confidence



CONTROL
with Precision



DELIVER
on Time



DECIDE
with Data



50+
PROJECTS
DELIVERED



3+
COUNTRIES
SERVED



15+
YEARS OF
EXPERIENCE



50+
SKILLED ENGINEERS
& PROFESSIONALS



1B+
SAR VALUE OF PROJECTS
SUPPORTED



95%+
CLIENT RETENTION
RATE

SECTORS WE SERVE



Buildings &
Infrastructure



Residential &
Commercial



Industrial &
Utilities



Water &
Environment



Education &
Healthcare



Government &
Public Facilities



OUR COMMITMENT

We build more than projects,
we build lasting value.



INNOVATIVE ENGINEERING
Smart solutions for complex challenges



QUALITY ASSURANCE
Highest standards in every detail



CLIENT FOCUSED
Your goals are our priority



SUSTAINABLE IMPACT
Building for a better future



INTEGRATED SOLUTIONS. INTELLIGENT DELIVERY.

— Engineering Expertise. Digital Intelligence. Measurable Results.



50+

Projects
Delivered



3+

Countries
Served



15+

Years of
Experience



50+

Skilled Engineers
& Professionals



1B+

SAR Value of
Projects Supported



95%+

Client Retention
Rate



1 ENGINEERING SERVICES

End-to-end engineering support across every project stage.



PLANNING & PROJECT CONTROLS

Primavera P6 scheduling, baseline plans, recovery plans, progress monitoring.



BIM MODELING & COORDINATION

Accurate 3D models, clash detection, 4D/5D simulation, coordination.



QUANTITY SURVEYING & BOQ

Accurate takeoffs, BOQ preparation, material quantification.



TECHNICAL OFFICE SERVICES

Shop drawings, material submittals, approvals, and documentation.



COST CONTROL & ESTIMATING

Cost planning, budgeting, cash flow, cost tracking & variance analysis.



CLAIMS & DELAY ANALYSIS

EOT support, delay analysis, claim preparation & risk mitigation.



QUALITY & RISK MANAGEMENT

Risk assessment, mitigation plans, quality control & assurance.



2 DIGITAL PROJECT INTELLIGENCE

Real-time visibility. Smarter decisions. Better outcomes.

TIME PROGRESS



COST PERFORMANCE



SPI



CPI



AT COMPLETION + EAC



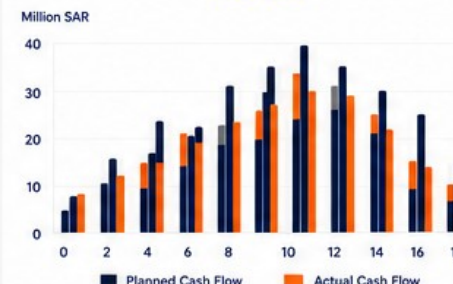
DURATION



S-CURVE (PLANNED VS ACTUAL)



CASH FLOW



CRITICAL PATH

Task	Float
Foundation	0%
Columns	10%
Beams	20%
Slab	15%
MEP Rough-in	40%
Finishes	35%

LOOK-AHEAD PLAN (NEXT 4 WEEKS)

Activity	Start	Finish	% Comp.
Column Reinforcement	12 May	18 May	70%
Slab Shuttering	13 May	22 May	45%
MEP Duct Installation	14 May	25 May	35%
Wall Masonry	20 May	27 May	15%

PROCUREMENT STATUS



RISK SUMMARY

HIGH RISKS
5

MEDIUM RISKS
8

LOW RISKS
3

TOTAL RISKS

16



3 BM LIVE WORKSPACE

One connected workspace for complete project visibility and collaboration.



PROJECT HEALTH DASHBOARD

Real-time health indicators for scope, schedule, cost, quality & safety.



PROJECT INFORMATION CENTER

Centralized project documents, drawings, correspondence & approvals.



SITE REALITY 360°

360° photos, drone capture & digital site tracking.



PLANNING & CONTROLS

Schedules, baselines, look-ahead plans & progress updates.



COST & COMMERCIAL

Budgets, cash flow, commitments, invoices & cost performance.



RISKS & ISSUES MANAGEMENT

Risk register, mitigation actions & issue tracking.



PROCUREMENT & APPROVALS

Material approvals, supplier tracking & procurement status.



EXECUTIVE REPORTS

Automated reports & dashboards for leadership decision-making.

“ What gets measured gets managed. What gets managed gets delivered. ”



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INTEGRATED SOLUTIONS. INTELLIGENT DELIVERY.

Engineering Expertise. Digital Intelligence. Measurable Results.



50+
Projects
Delivered



3+
Countries
Served



15+
Years of
Experience



50+
Skilled Engineers
& Professionals



1B+
SAR Value of
Projects Supported



95%+
Client Retention
Rate



1 ENGINEERING SERVICES

End-to-end engineering support across every project stage.



PLANNING & PROJECT CONTROLS

Primavera P6 scheduling, baseline plans, recovery plans, progress monitoring.



BIM MODELING & COORDINATION

Accurate 3D models, clash detection, 4D/5D simulation, coordination.



QUANTITY SURVEYING & BOQ

Accurate takeoffs, BOQ preparation, material quantification.



TECHNICAL OFFICE SERVICES

Shop drawings, material submittals, approvals, and documentation.



COST CONTROL & ESTIMATING

Cost planning, budgeting, cash flow, cost tracking & variance analysis.



CLAIMS & DELAY ANALYSIS

EOT support, delay analysis, claim preparation & risk mitigation.



QUALITY & RISK MANAGEMENT

Risk assessment, mitigation plans, quality control & assurance.



2 DIGITAL PROJECT INTELLIGENCE

Real-time visibility. Smarter decisions. Better outcomes.

TIME PROGRESS



COST PERFORMANCE



SPI

0.92

Schedule Performance

CPI

0.96

Cost Performance

AT COMPLETION
* EAC

125.6

MILLION SAR

DURATION

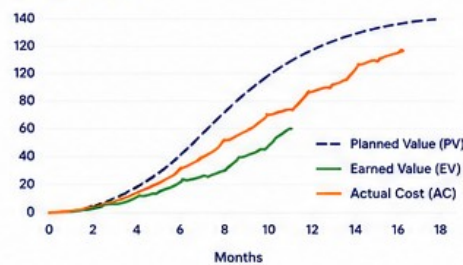


18

MONTHS

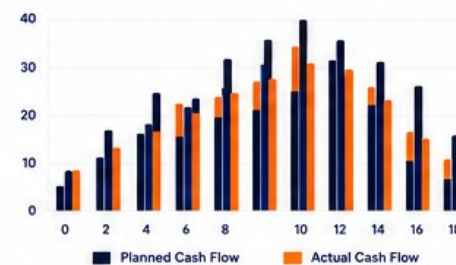
S-CURVE (PLANNED VS ACTUAL)

Value (Million SAR)



CASH FLOW

Million SAR



CRITICAL PATH

Task	Float
Foundation	0%
Columns	10%
Beams	20%
Slab	15%
MEP Rough-in	40%
Finishes	35%

LOOK-AHEAD PLAN (NEXT 4 WEEKS)

Activity	Start	Finish	% Comp.
Column Reinforcement	12 May	18 May	70%
Slab Shuttering	13 May	22 May	45%
MEP Duct Installation	14 May	25 May	35%
Wall Masonry	20 May	27 May	15%

PROCUREMENT STATUS



RISK SUMMARY

HIGH RISKS

5

MEDIUM RISKS

8

LOW RISKS

3

TOTAL RISKS

16



3 BM LIVE WORKSPACE

One connected workspace for complete project visibility and collaboration.



PROJECT HEALTH DASHBOARD

Real-time health indicators for scope, schedule, cost, quality & safety.



PROJECT INFORMATION CENTER

Centralized project documents, drawings, correspondence & approvals.



SITE REALITY 360°

360° photos, drone capture & digital site tracking.



PLANNING & CONTROLS

Schedules, baselines, look-ahead plans & progress updates.



COST & COMMERCIAL

Budgets, cash flow, commitments, invoices & cost performance.



RISKS & ISSUES MANAGEMENT

Risk register, mitigation actions & issue tracking.



PROCUREMENT & APPROVALS

Material approvals, supplier tracking & procurement status.



EXECUTIVE REPORTS

Automated reports & dashboards for leadership decision-making.

“What gets measured gets managed. What gets managed gets delivered.”



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OUR CORE SERVICES

- Planning & Project Controls
- Structural Engineering
- Technical Office
- BIM Coordination
- Cost Management
- Digital Reporting
- QA / QC & Site Support

KEY DELIVERABLES

- Structural Design Packages
- Structural Calculation Reports
- Bill of Materials (BOQ)
- Shop Drawings & IFC Models
- Material Submittals
- Method Statements
- Procurement Reports
- Inspection & Test Plans
- Interim Payment Certificates
- Approval Registers
- Project Closeout Reports
- As-Built Documentation

DELIVERING ENGINEERING EXCELLENCE ACROSS HIGH-VALUE INFRASTRUCTURE & BUILDING PROJECTS

TOTAL PROJECT VALUE
900+
MILLION SAR

PROJECTS COMPLETED
25+

TOTAL EXPERIENCE
15+
YEARS

MULTIDISCIPLINARY TEAM

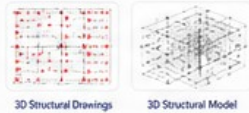
COMPLIANCE
SBC & REEF STANDARDS

OUR MAJOR PROJECTS PORTFOLIO



ADMINISTRATIVE BUILDINGS PROGRAM

- Client**
The Presidency of the Committee for the Promotion of Virtue and the Prevention of Vice
- Value**
120 Million SAR
- Scope**
Design, Supervision & Documentation, BOQ, Project Control

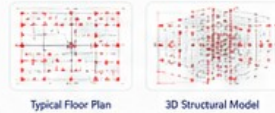


3D Structural Drawings 3D Structural Model



RESIDENTIAL BUILDINGS COMPLEX - AL KHARJ

- Client**
Private Developer
- Value**
140 Million SAR
- Scope**
Structural Design, Shop Drawings, BOQ, Site Supervision



Typical Floor Plan 3D Structural Model



IRRIGATION CHANNELS CONVERTING PROJECT

- Client**
Saudi Irrigation Organization (SIO) - RF & JZAN Areas
- Value**
198 Million SAR
- Scope**
Open Channels to Closed Pipe Conversion - Piping, Structures, 2 Reservoirs (10,000 m³ each), Technical Offices & Project Execution



Pumping Station Reservoirs (10,000 m³)



CHICKEN POULTRY FARM & PROCESSING FACILITIES (3 STATIONS)

- Client**
Ministry of Environment, Water & Agriculture (MEWA)
- Value**
100 Million SAR
- Scope**
Licenses & NOP Approvals, Site Construction, Structural & MEP Design, Supervision



Main Building Broiler Farm



WATER TANKS & PUMP STATIONS PROJECTS

- Client**
Saudi Irrigation Organization (SAIO) - All Areas
- Value**
145 Million SAR
- Scope**
Pump Stations, Reservoirs, Piping Networks, Electrical & Mechanical Works



Pump Station - Interior Water Tanks



NATIONAL GUARD SHOOTING RANGE COMPLEX - QASSIM

- Client**
Ministry of National Guard
- Value**
120 Million SAR
- Scope**
Engineering - Facility Construction, Infrastructure & Site Development



Master Plan Observation Tower

SCOPE OF SERVICES



PLANNING & PROJECT CONTROLS

- Baseline Schedules
- Resource Histograms
- Schedule Monitoring
- Delay Analysis
- Progress Reporting
- Earned Value



STRUCTURAL ENGINEERING

- Structural Design
- Technical Calculations
- Design Optimization
- Value Engineering
- Document Control
- Foundation Design



TECHNICAL OFFICE

- Shop Drawings
- Material Submittals
- Method Statements
- RFI Management
- Document Control
- Record Management



APPROVALS & PERMITTING

- Authority Approvals
- NOC & Permits
- Compliance Assurance
- Material Submittals
- Variation Management
- Handover Support



COST & COMMERCIAL

- Cost Estimation
- BOQ & Pricing
- Value Engineering
- Claims Management
- Variation Management
- Contract Support

DIGITAL PROJECT CONTROL



Planning & Scheduling

- Real-time Visibility
- Cost & Cash Flow Control
- Risk & Issue Management
- Reporting & Dashboards
- Decision Support



Real-time Visibility

- Cost & Cash Flow Control
- Risk & Issue Management
- Reporting & Dashboards
- Decision Support



Cost & Cash Flow Control

- Risk & Issue Management
- Reporting & Dashboards
- Decision Support



Risk & Issue Management

- Reporting & Dashboards
- Decision Support



Reporting & Dashboards

- Decision Support



Decision Support



SOFTWARE & TECHNOLOGY



PROJECT VISUALS & DOCUMENTATION



KEY DELIVERABLES

- Baseline Project Schedules
- Quantity Takeoff (BOQ)
- Approval Registers
- Variation & Claims
- Structural Calculation Reports
- Method Statements
- Request For Inspection
- Project Closeout Reports
- Shop Drawings & As-Built
- Procurement Reports
- As-Built Drawings
- Handover Documents

PROJECT HIGHLIGHTS

- MULTIPLE PROJECTS DELIVERED ACROSS SAUDI ARABIA
- 100% COMPLIANCE WITH SBC & REEF STANDARDS
- MULTIDISCIPLINARY ENGINEERING EXPERTISE
- ON-TIME PROJECT COMPLETION
- COST & SCHEDULE CONTROL FOR MAXIMUM PROJECT VALUE
- FOCUS ON QUALITY SAFETY & CLIENT SATISFACTION

MEASURABLE RESULTS

- Improved Schedule Performance
- Reduced Cost Overruns
- Better Risk Management
- Enhanced Collaboration & Communication
- Timely Delivery & Quality Output

BIM SERVICES

Smart Modelling. Accurate Data. Better Decisions.

We deliver intelligent BIM solutions that enhance collaboration, improve accuracy, and optimize project performance throughout the entire project lifecycle.



ACCURATE DATA

Reliable models for precise planning and execution



IMPROVED COLLABORATION

Centralized coordination across all disciplines in real-time



TIME EFFICIENCY

Optimized workflows that save time and reduce rework



COST CONTROL

Better cost visibility with accurate quantities and planning



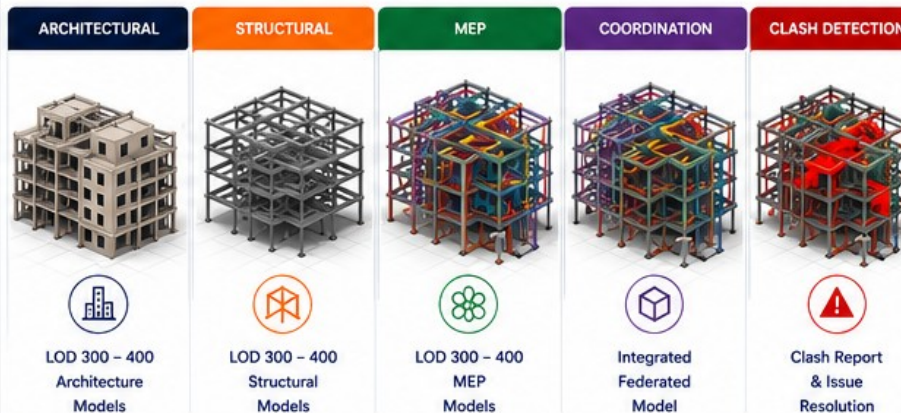
QUALITY & COMPLIANCE

Meet global standards and project requirements with confidence

BIM WORKFLOW – FROM DESIGN TO DELIVERY



MULTI-DISCIPLINE BIM MODELING



KEY DELIVERABLES

- ✓ Coordination Models (NWD)
- ✓ Clash Reports & BCF Files
- ✓ Quantities & BOQ (from Model)
- ✓ 4D Construction Schedule
- ✓ 5D Cost Estimates
- ✓ Shop Drawings & Details
- ✓ Model Handover (IFC / Revit)
- ✓ As-Built BIM Models

SOFTWARE & TECHNOLOGY



BIM USE CASES



WHY CHOOSE BUILD METRICS?

- ✓ Experienced BIM professionals across all disciplines
- ✓ Proven workflows and international standards
- ✓ High-quality deliverables with accuracy and reliability
- ✓ Advanced tools and technology
- ✓ Commitment to time, cost and quality excellence



SMARTER DESIGN. BETTER DECISIONS. DELIVERED.

We empower our clients with advanced BIM solutions, accurate data, and collaborative workflows to deliver projects with confidence, efficiency, and measurable value.



**CERTIFIED.
COMMITTED.
DELIVERING IMPACT**

OUR GOVERNMENT & PUBLIC SECTOR CLIENTS

 وزارة البيئة والمياه والزراعة Ministry of Environment Water & Agriculture	 وزارة تعليم Ministry of Education	 الموارد البشرية والتنمية الاجتماعية Ministry of Human Resources and Social Development	 الرئاسة العامة لهيئة الأمر بالمعروف والنهي عن المنكر General Presidency of The Commission for Promotion of Virtue and Prevention of Vice	 وزارة الحرس الوطني Ministry of National Guard	 أمانة جدة Jeddah Municipality
 المؤسسة العامة لتحويل المياه المالحة Saline Water Conversion Corporation (SWCC)	 ريف Reef Program	 برنامج جودة الحياة Quality of Life Program	 أمانة منطقة الرياض Riyadh Region Municipality	 وزارة الشؤون البلدية والقروية والإسكان Ministry of Municipal, Rural Affairs & Housing	 الهيئة الملكية للجبيل وينبع Royal Commission for Jubail & Yanbu
 الهيئة الملكية لمدينة الرياض Royal Commission for Riyadh City	 شركة المياه الوطنية National Water Company				

OUR PRIVATE SECTOR PARTNERS

 أرامكو السعودية Saudi Aramco	 سابك SABIC	 مطحت MA'ADEN Ma'aden	 PIF Public Investment Fund	 جامعة الملك سعود King Saud University	 روشن Roshn Roshn Group	 نيم اليوم NEOM	 القدية Qiddiya Qiddiya
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COMPREHENSIVE BIM SERVICES

 BIM Modeling (LOD 300 – 400) Accurate 3D models for design coordination and visualization.	 Quantity Takeoff & BOQ Preparation Accurate quantities and detailed BOQ for better cost control.	 Clash Detection & Coordination Identify clashes early and reduce risks on site.	 Cost Estimation & Reporting Reliable cost estimates and insightful reports for decision making.	 4D & 5D BIM (Planning & Cost) Integrate time and cost to improve planning and performance.	 BIM Coordination & Collaboration Centralized coordination for seamless project collaboration.	 BIM Execution Plans & Standards Customized BEP and standards for consistent project delivery.
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OUR BIM WORKFLOW – FROM DESIGN TO DELIVERY

 1 PLAN BIM Execution Plan & Scope Definition	 2 MODEL 3D BIM Modeling (Architectural, Structural, MEP)	 3 COORDINATE Clash Detection & Model Coordination	 4 ANALYZE 4D Scheduling 5D Cost Estimation & Analysis	 5 DOCUMENT Drawings, BOQ, Reports & Deliverables	 6 DELIVER Model Handover & Asset Management
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50+
Satisfied Clients

100+
Projects Delivered

15+
Years of Collaboration

Multiple
Long-Term Partnerships

Diverse
Sectors Served

OUR BIM SERVICES

-  BIM Modeling (LOD 300 – 400)
-  Quantity Takeoff & BOQ Preparation
-  Clash Detection & Coordination
-  4D & 5D BIM (Planning & Cost)
-  BIM Coordination & Collaboration
-  Cost Estimation & Reporting
-  As-Built BIM Modeling
-  BIM Execution Plan & Standards

PROFESSIONAL CERTIFICATIONS

Continuous Learning • Professional Excellence • Delivering Value

Our professional certifications reflect our commitment to continuous learning, industry best practices, and delivering high-quality engineering and project management solutions.



**CERTIFIED.
COMMITTED.
DELIVERING IMPACT.**

PROJECT MANAGEMENT PROFESSIONAL (PMP®)

PMI Project Management Institute.

THIS IS TO CERTIFY THAT

Khaled Ahmed Abdelalim

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND RESOURCES AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL.

Project Management Professional (PMP)®

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE

Pierre Le Marchand
Chair, Board of Directors

Pierre Le Marchand
President & CEO

 Certification Number	 Original Grant Date	 Expiration Date
3520348	05 August 2023	05 August 2026

RISK MANAGEMENT PROFESSIONAL (PMI-RMP®)

PMI Project Management Institute.

THIS IS TO CERTIFY THAT

Khaled Ahmed Abdelmigid Abdelalim

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN THE SPECIALIZED AREA OF ASSESSING AND IDENTIFYING PROJECT RISKS AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL.

PMI Risk Management Professional (PMI-RMP)®

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE

Pierre Le Marchand
Chair, Board of Directors

Pierre Le Marchand
President & CEO

 Certification Number	 Original Grant Date	 Expiration Date
4126077	21 October 2025	21 October 2028

BUILDING INFORMATION MODELING (BIM PROFESSIONAL)

bsi. Professional Certification

By Royal Charter

THIS IS TO CERTIFY THAT

Khaled Ahmed Abdelalim

HAS SUCCESSFULLY COMPLETED THE REQUIREMENTS AND IS RECOGNIZED AS A

Building Information Modeling Professional

IN TESTIMONY WHEREOF, THIS CERTIFICATE IS PRESENTED.

Certificate No. BIM-2024-0158

Issue Date 15 March 2024

Chris Cheung
Certification Director

 Certificate No.	 Certification Date	 Issued By
BIM-2024-0158	15 March 2024	BSI

PROFESSIONAL BIM WORKFLOW – FROM DESIGN TO DELIVERY



PROFESSIONAL GROWTH
Committed to continuous learning and development to stay ahead.



INDUSTRY STANDARDS
Applying global best practices and standards across all our projects.



RISK AWARE
Proactively identifying, assessing and mitigating project risks.



RESULTS DRIVEN
Focused on delivering value, quality and measurable results.



TRUST & RELIABILITY
Building long-term relationships based on trust, integrity and professionalism.

THANK YOU

FOR YOUR TRUST & INTEREST

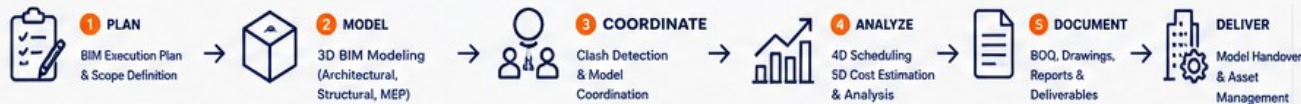
We extend our sincere appreciation to all our clients and partners for your trust, collaboration, and continued support. Your confidence drives our commitment to engineering excellence and inspires us to deliver smarter solutions for a better future.



OUR VALUED PARTNERS & CLIENTS



PROFESSIONAL BIM WORKFLOW – FROM DESIGN TO DELIVERY



LET'S BUILD THE FUTURE TOGETHER

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