

**ARCHITECTS & MEP ENGINEERING
SERVICES**

**BIMCARE DIGITAL
TECHNOLOGIES PTE LTD**

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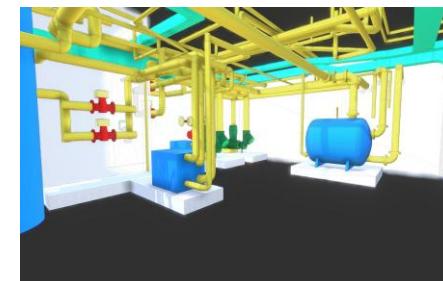


BIMCARE – “Creating Sustainable Value Throughout the Asset Lifecycle.”



WHAT WE DO

- BIMCARE is a technology-driven engineering solutions provider, specializing in **Building Information Modelling (BIM)** and allied services.
- We exist to help clients **achieve sustainability goals** by harnessing the full potential of **BIM** for long-term value by transforming traditional workflows into data-driven, collaborative, and future-ready processes
- Our purpose is to support clients with **lifecycle-ready digital assets** that go beyond construction, enabling efficiency, reducing risks, accelerating project delivery, and enhancing asset long-term value.



45+

Projects

6+

Sectors

7

Countries

26

Specialist Resources





OUR SPECIALIZATION



ARCHITECTURAL & C&S ENGINEERING

- Site modeling and surface grading
- Earthwork cut & fill analysis Drainage and Utility Coordination
- Concrete & Steel Structural modeling
- Rebar Detailing and Reinforcement Modeling



MEP ENGINEERING

- HVAC system modeling and coordination Plumbing and Piping networks
- Electrical power, Lighting & Cable tray systems Fire protection and Safety systems



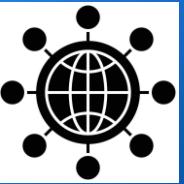
EXPERTISE CAPABILITIES

- Capability to deliver **LOD 100–500 models** tailored to project needs.
- Expertise in software such as **Revit, Navisworks, AutoCAD, Tekla, Bentley, Dynamo**.
- BIM Execution Planning (BEP) and ISO 19650 standards compliance.
- Advanced visualization with **AR/VR walkthroughs**.
- Integration of BIM with platforms like **Primavera and MS Project**





OUR BUSINESS & DELIVERY MODEL



GLOBAL DELIVERY MODEL

Hybrid onshore-offshore execution ensuring cost efficiency and quality compliance

CONSULTING & ADVISORY

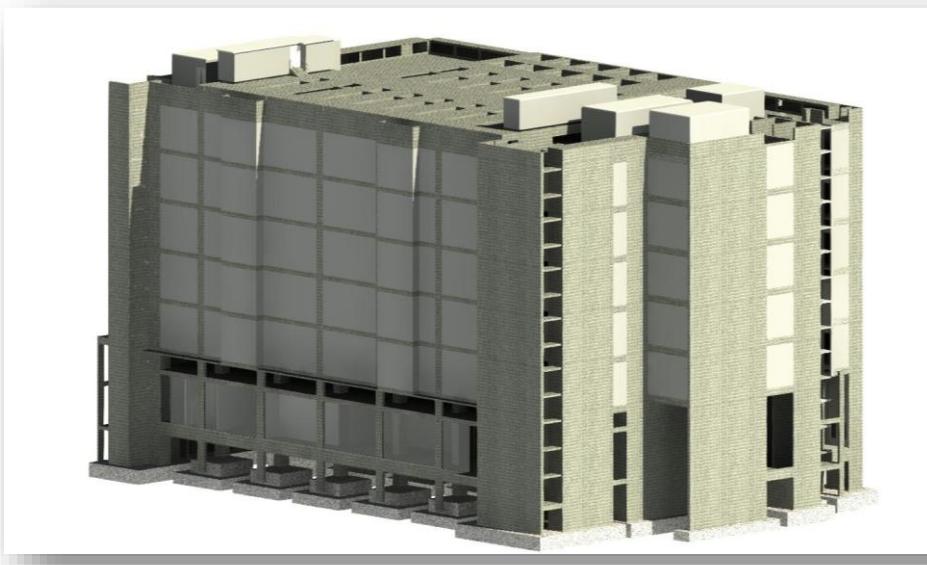
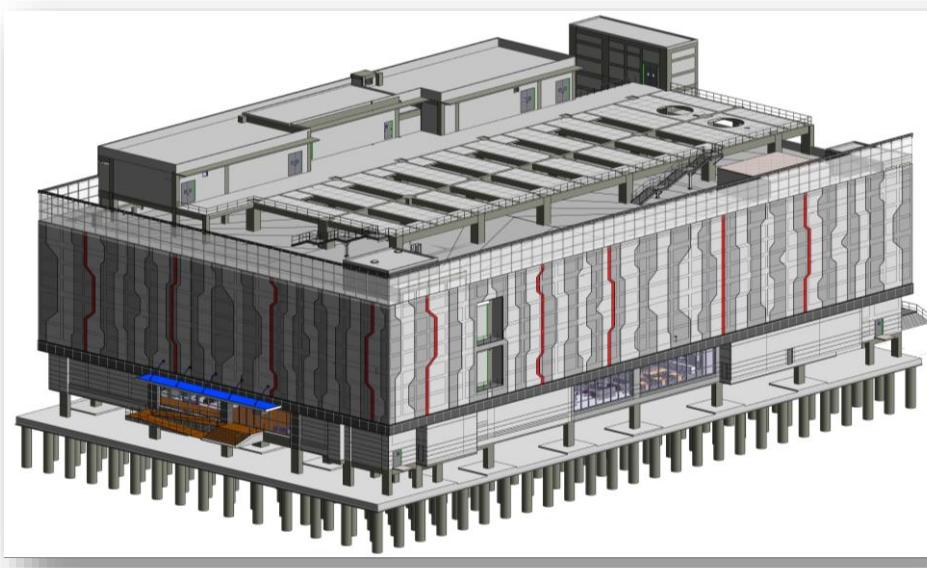
BIM adoption strategy,
implementation
roadmap, and process
standardization



STAFF AUGMENTATION

Deployment of experienced BIM professionals as integrated client resources

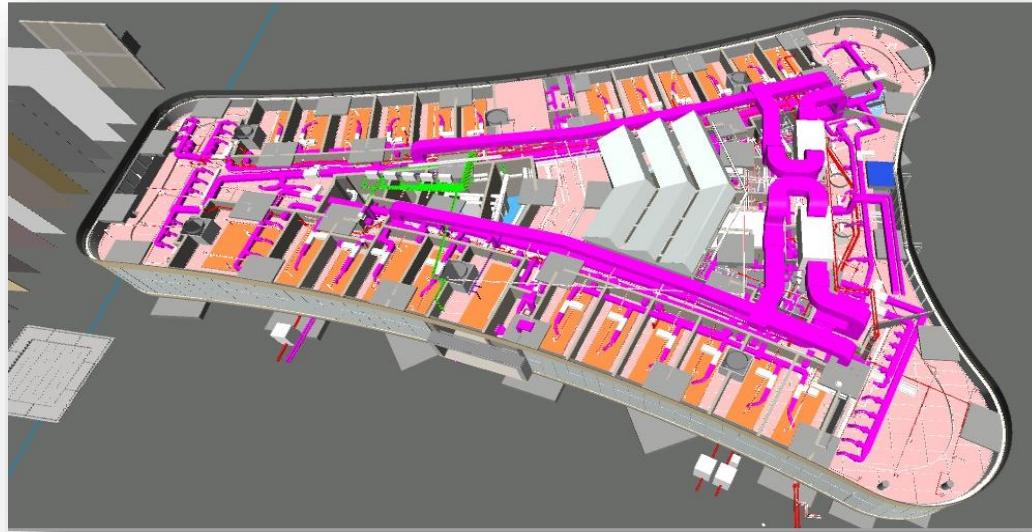
DATA CENTER PROJECTS



- Zero-clash, Construction-ready BIM models supporting fast-track delivery
- C&S, MEP, HVAC, and Fire Protection BIM services delivered
- Site support during Construction for Coordination and issue resolution
- As-built BIM models and drawings prepared post construction
- OEM documentation support for asset handover and operations



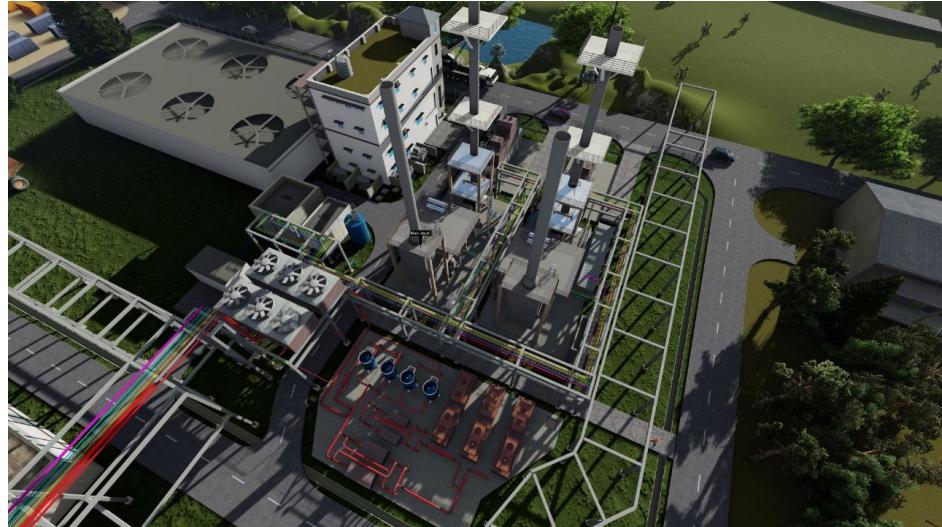
SPORT STADIUMS



- BIM support delivered for a large-scale International stadium project
- 36-week design period
- Multi-discipline coordination across MEP, HVAC, and Fire Protection systems
- Managed complex spatial and interface requirements within architectural constraints
- Delivered coordinated models meeting International standards
- Delivered sheet drawings



PERTAMINA POWER PLANT



- Industrial power plant BIM support (18-week design period)
- Process, C&S, Electrical, Plumbing, and MEP services
- 3D piping and multidisciplinary coordination
- Constructability-focused model delivery



AUTOMATED KITCHEN



- Completed LOD 500 BIM model in 2800 man-hours
- Coordinated architectural, structural, MEP, and automation systems
- Ensured clash-free, construction-ready models
- Supported precise material take-offs and scheduling
- Optimized workflow and space utilization



INSTITUTIONAL BUILDING



- LOD 300 BIM model within 2000 man-hours
- Coordinated architectural, structural, and MEP disciplines ensuring clash-free delivery
- Delivered construction-ready models supporting precise quantity take-offs and scheduling
- Optimized collaboration between design teams, enhancing efficiency and reducing rework

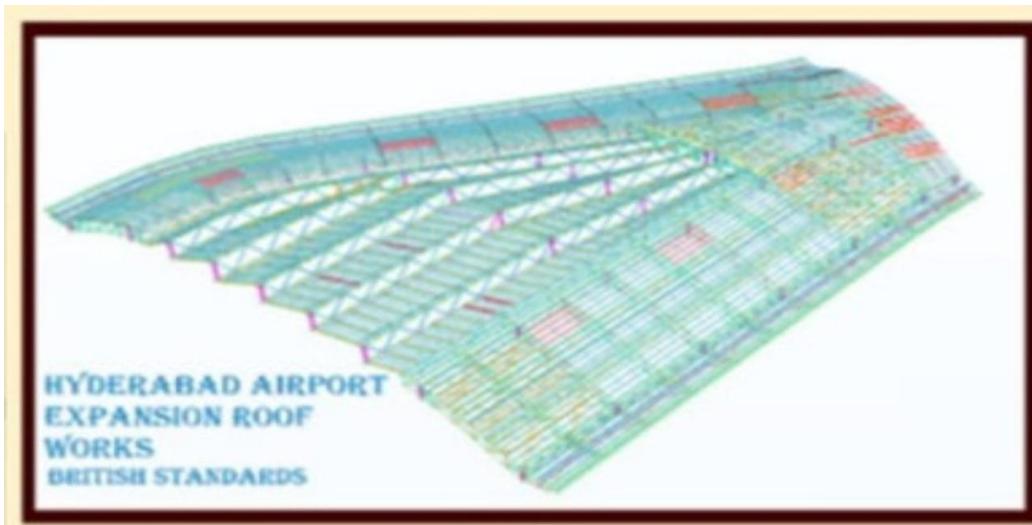
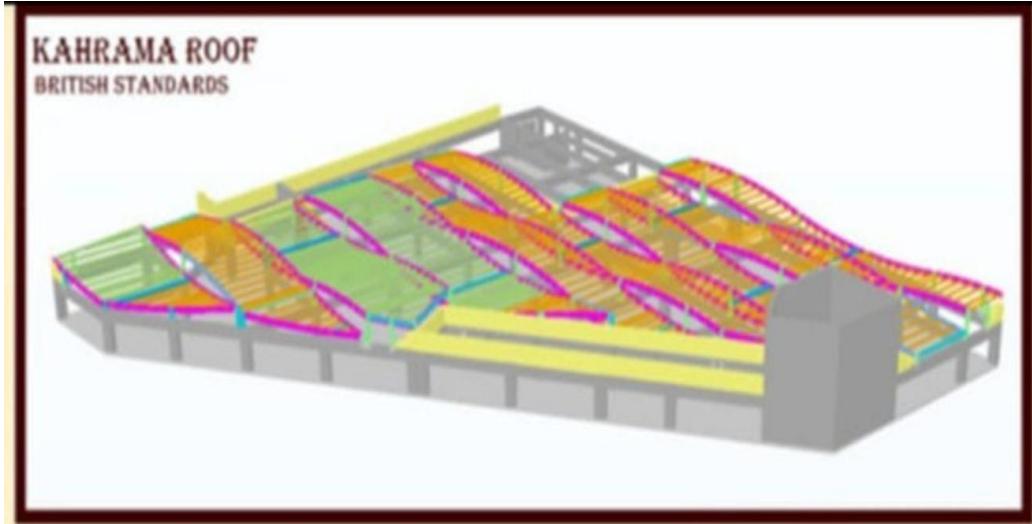
WATER TREATMENT PLANT



- Developed LOD 300 BIM model in 2000 man-hours
- Mapped complex piping and equipment layouts for operational clarity
- Streamlined coordination between civil, mechanical, and electrical systems
- Provided accurate documentation for installation and commissioning
- Enhanced plant efficiency through optimized spatial and process planning



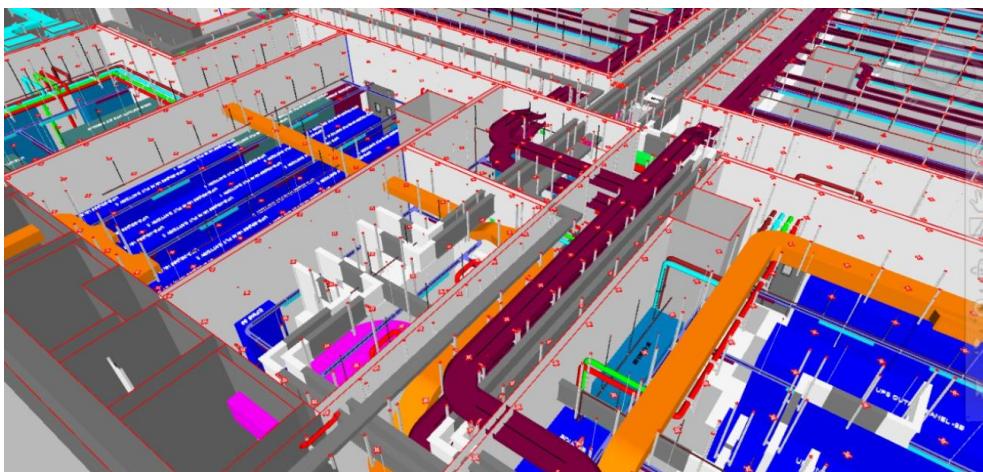
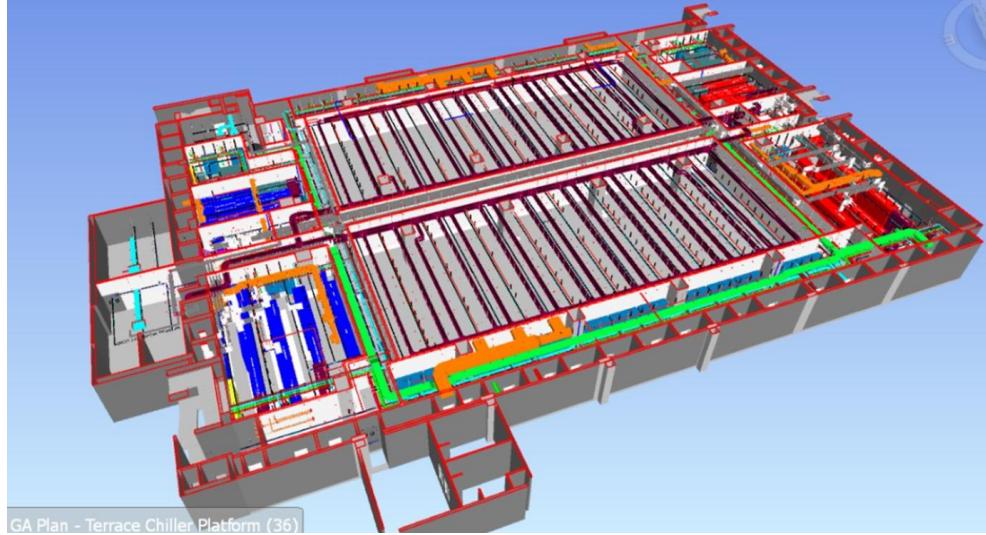
TEKLA DETAILING



- Executed detailing with 8 Tekla licenses across 12 sources
- Produced fabrication and erection drawings with precision
- Designed connections using IDEA StatiCa for structural reliability
- Developed main member designs using STAAD / ETABS
- Ensured seamless integration between design, fabrication, and construction teams



MEP COORDINATION



- Coordinated MEP drawings using Revit for clash-free integration
- Enabled seamless collaboration across architectural, structural, and services teams
- Streamlined design revisions and approvals through shared BIM workflow
- Optimized routing and space utilization for efficient installation
- Enhanced project accuracy and reduced on-site conflicts