



Architecture BIM services, Structure BIM services, Interior design & 3D BIM modeling, BIM services coordination & clash detection, Mechanical & Electrical room coordinated 3D model, Point Cloud, 3D BIM Rendering, Design Validation & Value Engineering, 2D Installation drawings, As-built drawing, Bar Bending Schedule (BBS), Quantity Take-Off (QTO) & Cad services.

7C, Dr MN Chatterjee Sarani, Narkeldanga,
Raja bazar Kol-700009, Usman Place, West
Bengal, India

info@pasmecbim.com

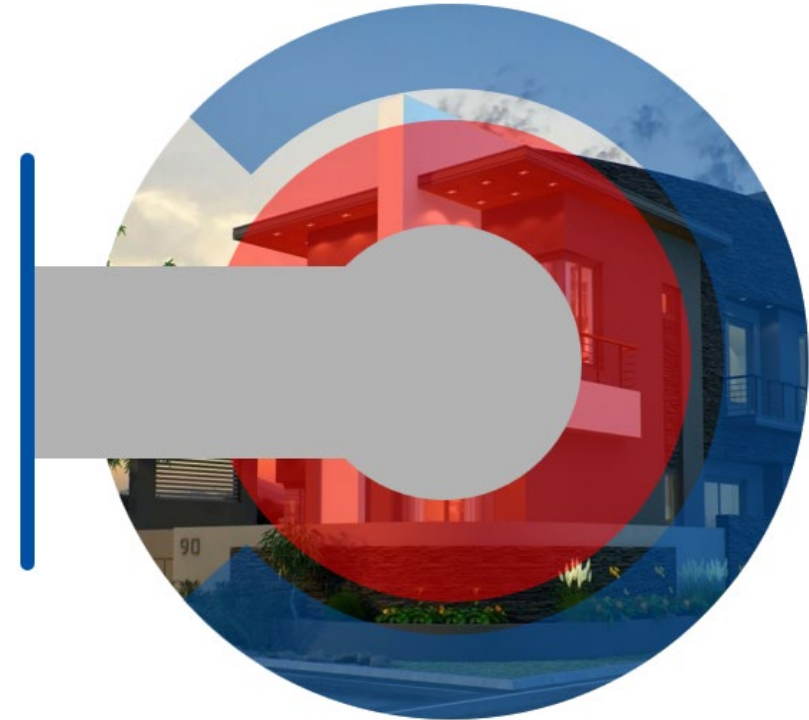
www.pasmecbim.com

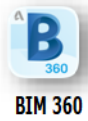
+966 54 431 4576, +966 56 671 6810



BIM & ENGINEERING CONSULTANT

PORTFOLIO



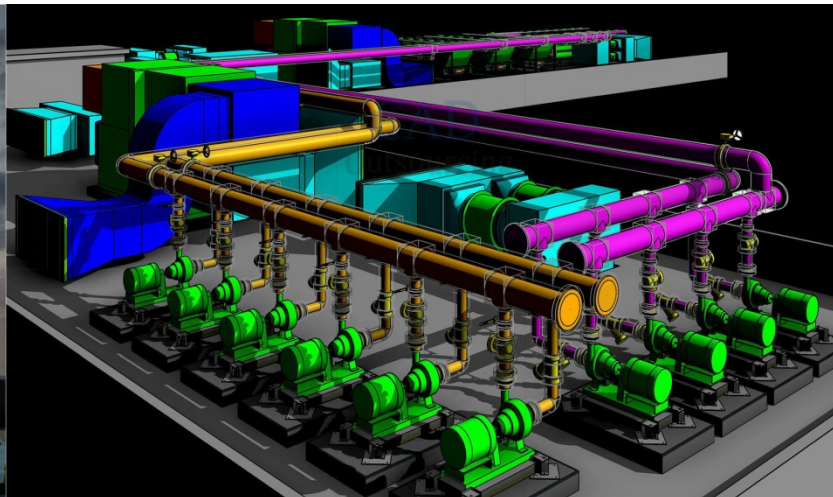


OUR CLIENTS



BIM & ENGINEERING CONSULTANT

“When you choose PASMEC, you choose a strong team of Architects, engineers and design Specialists located in the KSA, DUBAI, USA & Indian Sub-Continent, who strive to respond to a client needs & build long-lasting relationship”

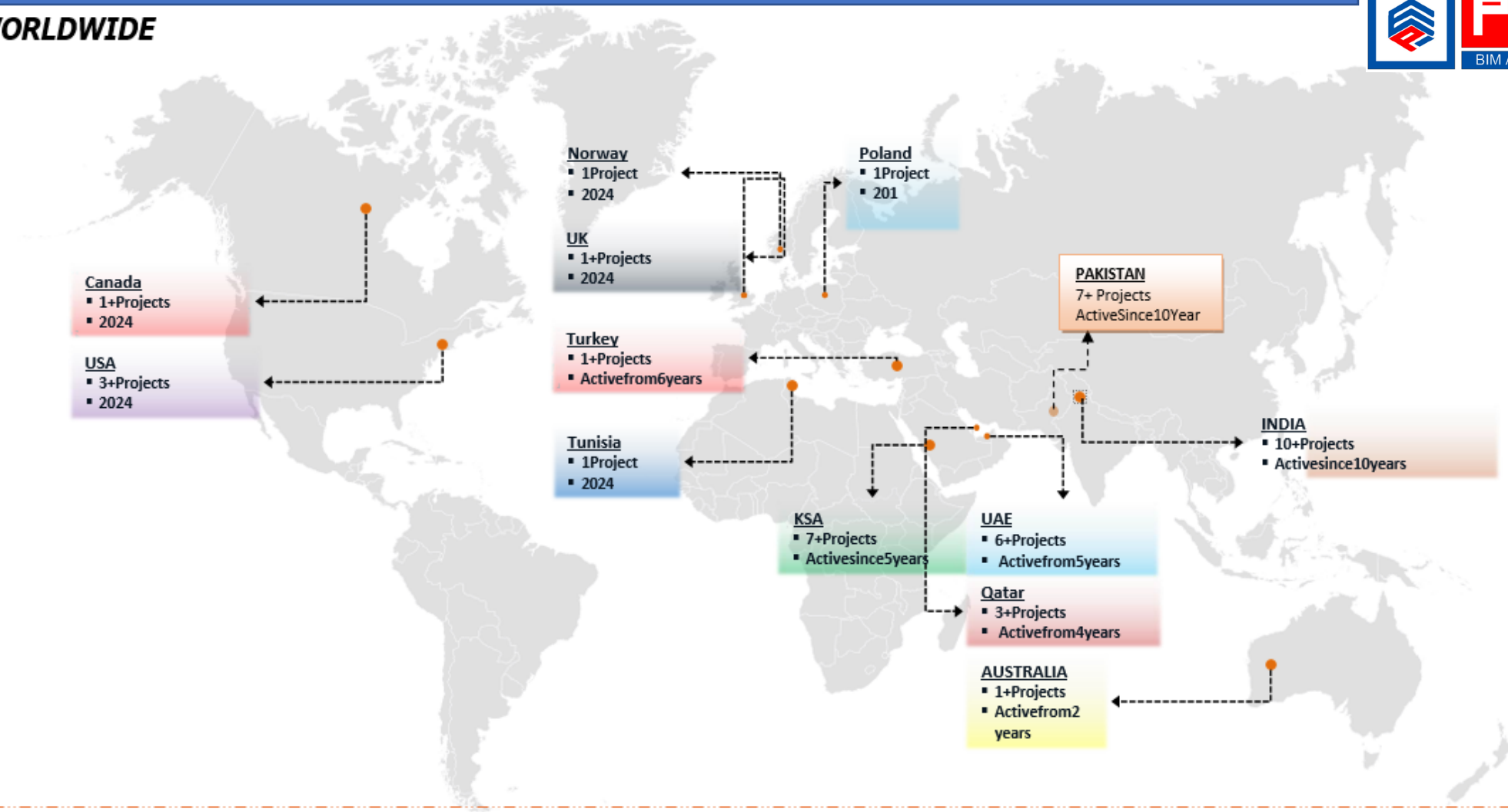


WHAT WE CAN DELIVER BEST:

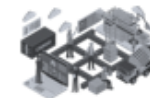
At PASMEC, we are dedicated to providing innovative, tailored BIM solutions that guide our clients from pre-concept through to final handover. With a highly qualified team of BIM Engineers, we bring extensive experience and a proven track record of successful completion of international projects, including high-rise buildings, healthcare facilities, educational institutions, and more. Our approach focuses on precision, collaboration, and delivering the highest quality services to meet the unique needs of each client. We work closely with renowned international consultants and contractors to ensure that every project is completed with excellence and integrity.

BUILDING INFORMATION MODELLING	DESIGN CONSULTANCY	SPECIALIZED CONSULTING
<ul style="list-style-type: none">• BIM TRAINING&IMPLEMENTATION• BIM MODELING (LOD100,200, 300,400,500)• BIM CONSTRUCTION DOCUMENTS• CLASH DETECTION & COORDINATION• BILL OF QUANTITIES(BOQ)• 4D& 5DSIMULATION• DRAWINGS EXTRACTION–ALLSTAGES• CONTENT/LIBRARY CREATION	<ul style="list-style-type: none">• ARCHITECTURAL• INTERIOR DESIGN• STRUCTURAL• MECHANICAL,ELECTRICAL, PLUMBING• LANDSCAPE• ROAD & SITEWIDE UTILITES• VISUALIZATION	<ul style="list-style-type: none">• GEO GRAPHIC INFORMATION SYSTEM(GIS)• FACILITY MANAGEMENT(FM)• CIVIL3D• LASER SCANNING• MANUAL BOQ• COST ESTIMATION• COBIE&AIM



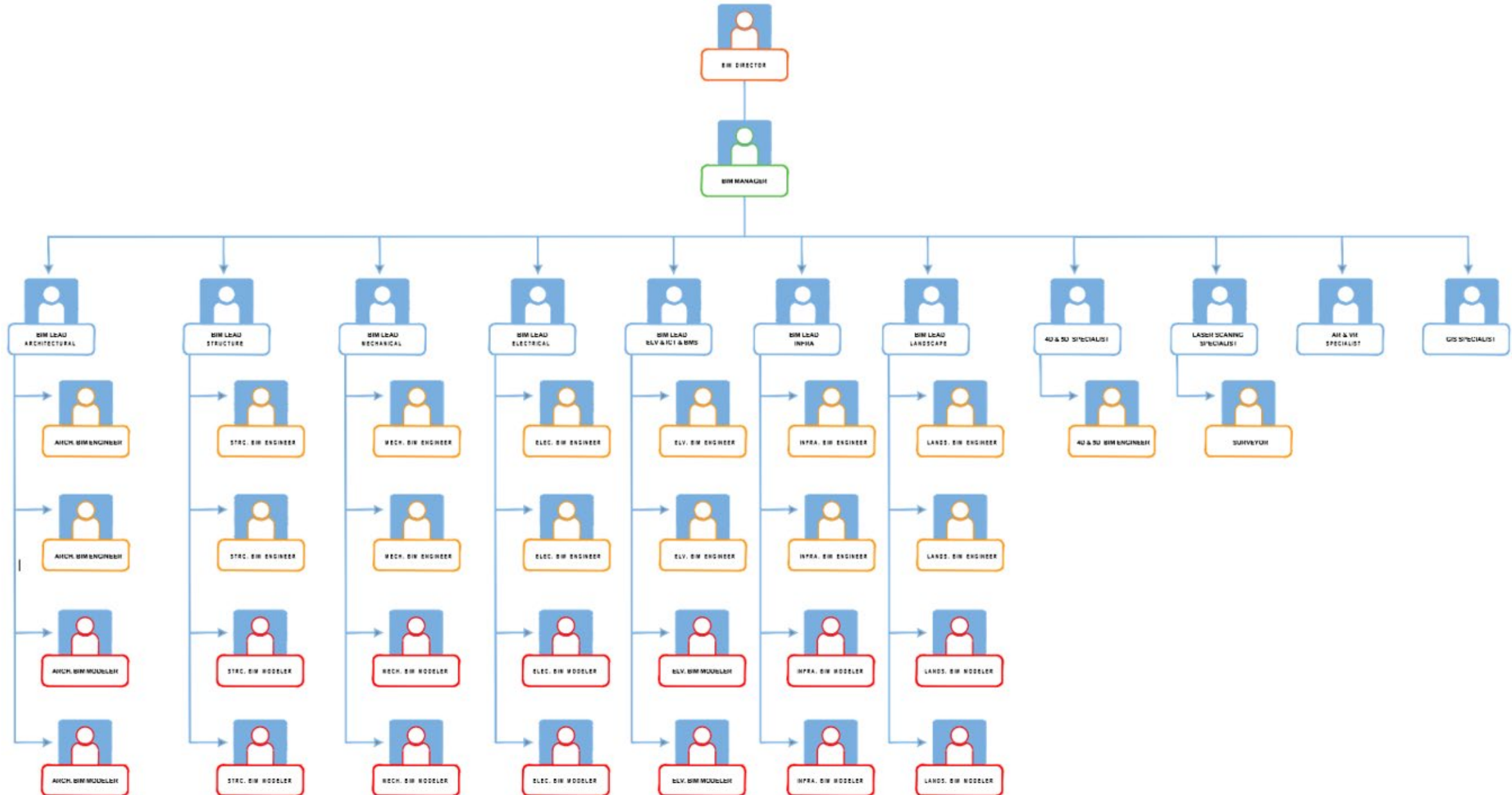
**15+**Project Completed in
Hospitals/Labs**18+**Projects completed in
Hotels/Resorts**10+**Projects completed in High
Rise & Mixed-use Sector**70+**

Technical Staff

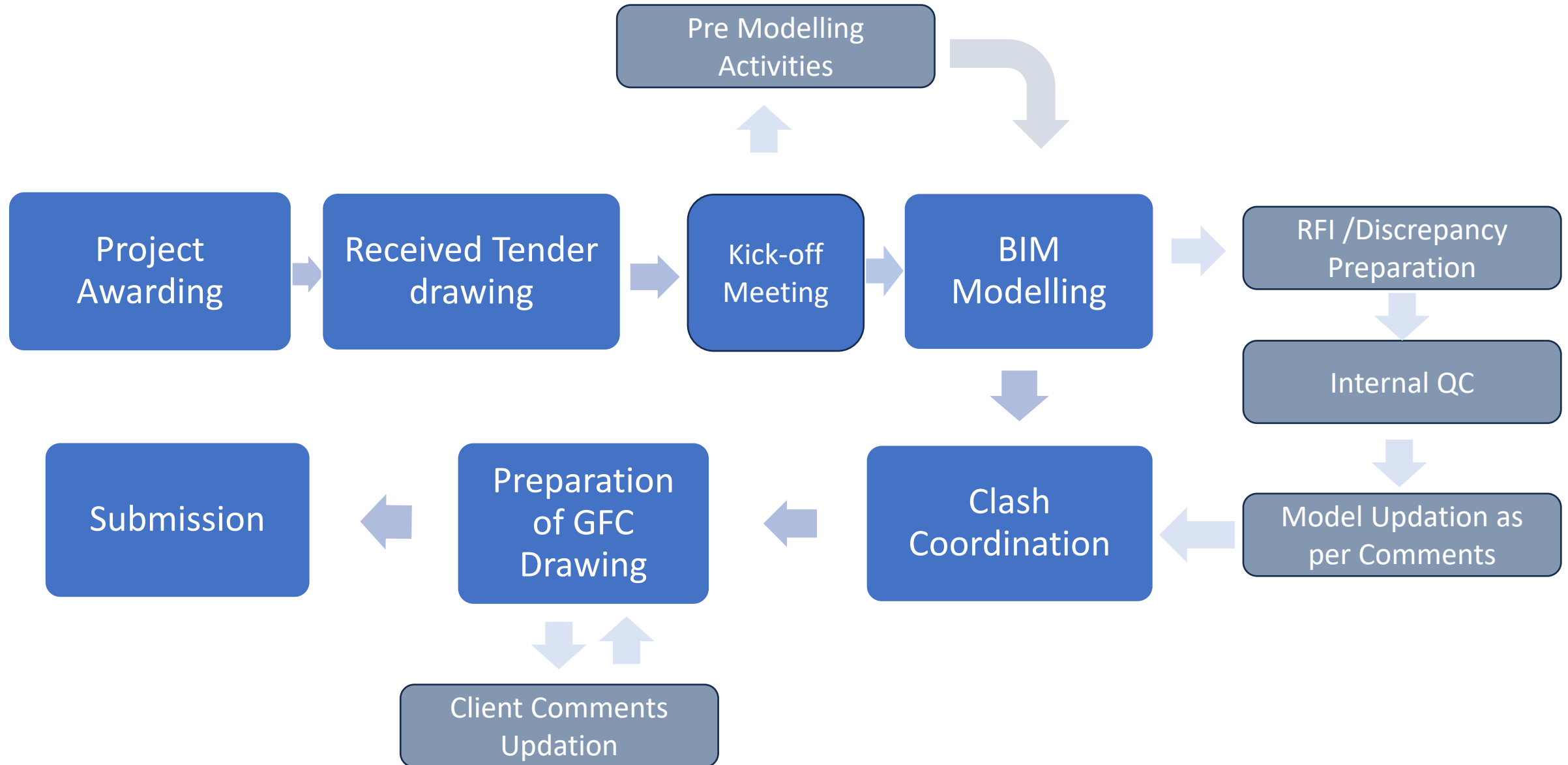
**\$8.4B**Value of Projects
Completed**43+**Design & BIM project
Experience Globally



BIM ORGANIZATION CHART:



BIM Work Flow



KEY PROJECTS:

FAKEEH UNIVERSITY HOSPITAL -UAE:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



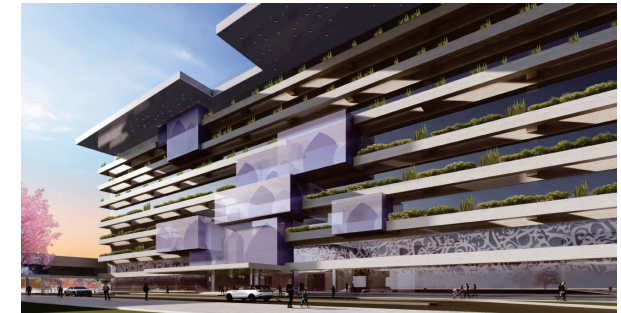
LLC HOSPITAL CLINICS-UAE:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



IMC WOMAN & BABY HOSPITAL -KSA:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



UMMAHAT ISLANDS 9.3 & 9.4 -KSA:

1. CREATE BIM MODEL FOR HARDSCAPE, SOFTSCAPE & MEP UTILITY
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



RIVERWALK RESIDENTIAL BUILDING -USA:

1. CREATE BIM MODEL FOR MEP SERVICES.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



ABK CARWASH-KSA:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



KEY PROJECTS:

HAJI PILGRIMS TOWER -KSA:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



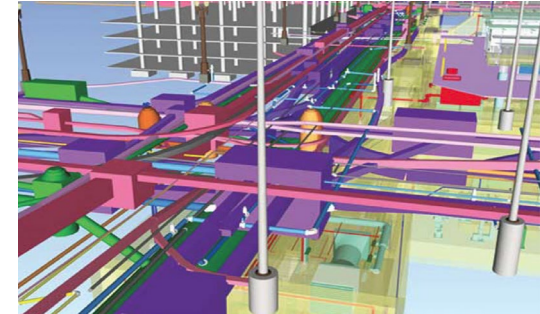
RABIGH RESIDENTIAL BUILDING-QATAR:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



QATAR INFRASTRUCTURE PROJEC -QATAR:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



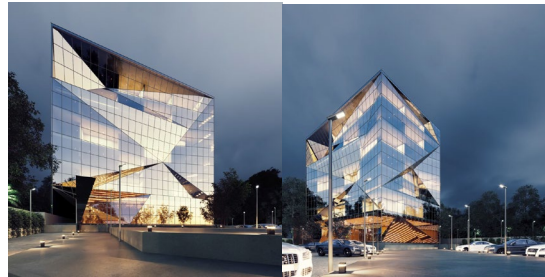
100 BED CHILDREN HOSPITAL-DUBAI:

1. CREATE BIM MODEL FOR HARDSCAPE, SOFTSCAPE & MEP UTILITY
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



EMKAYLINE OFFICE BUILDING -USA:

1. CREATE BIM MODEL FOR MEP SERVICES.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



IMC OBHUR SATELITE CLINICS-KSA:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



KEY PROJECTS:

THE INDUS HOSPITAL -KARACHI:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



THE INDUS HOSPITAL-LAHORE:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE



TAWAUNIYA CLINICS -KSA:

1. CREATE BIM MODEL FOR ARCHITECTURE, STRUCTURE, MEP.
2. SCOPE LOD 350, LOD 400 & LOD 500 PHASE
3. 4D CONSTRUCTION SEQUENCE.
4. 5D COST ESTIMATION WITH BOQ
5. DESIGN VALIDATION.
6. VALUE ENGINEERING.
7. CLASH DETECTION, COORDINATION AND RESOLUTION.
8. CREATE CONSTRUCTION SHOP DRAWINGS.
9. AIM & COBie IMPLEMENTATION.
10. AS BUILT DRAWINGS HANDOVER STAGE





Architecture BIM services, Structure BIM services, Interior design & 3D BIM modeling, BIM services coordination & clash detection, Mechanical & Electrical room coordinated 3D model, Point Cloud, 3D BIM Rendering, Design Validation & Value Engineering, 2D Installation drawings, As-built drawing, Bar Bending Schedule (BBS), Quantity Take-Off (QTO) & Cad services.

📍 7C, Dr MN Chatterjee Sarani, Narkeldanga,
Raja bazar Kol-700009, Usman Place, West
Bengal, India

✉ info@pasmecbim.com

🌐 www.pasmecbim.com

☎ +966 54 431 4576, +966 56 671 6810

