



# ZONATECH

# COMPANY PROFILE

## MIDDLE EAST & INDIA OPERATIONS

### 'ENGINEERING PROCESS OUTSOURCE PARTNERS'

*“Our commitment to excellence in providing our customers with extremely accurate, reliable and high performance products and services is the key to our success and will be the underlying tenet in all our endeavours. Innovative systems, experience and highly motivated skilled specialists ensure cost-effective, on-time solutions that maximise customer satisfaction and the value provided.”*

With prime focus on CAD/BIM Consultancy Services ZONATECH is focused on providing services in:

- ✔ **Engineering Design & Drafting Process Outsourcing (MEP, Architectural, Civil, Structural)**
- ✔ **Engineering Drafting Resources Deputation On-Site (MEP, Architectural, Civil, Structural )**

**ZONATECH** we utilize available technologies to provide our best services at the most competitive costs. Creative concepts conducive to local environments and cost-effectiveness launched by **ZONATECH** have been widely accepted by corporates worldwide. With a balanced team of Project Managers, Design Engineers, QA/QC Engineers and Industry relevant Draftsmen, **ZONATECH** has provided quality services to various industry segments. Promoted and managed by a team of experienced, skilled and dedicated professionals, **ZONATECH** provides highly professional services for complete Engineering Drafting Management requirements.

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## OUR MISSION

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### Understanding Client Requirements

With every client, we understand that a different approach may need to be employed with every project, bringing a new set of skills and technology to the table. We devote the time needed to study the objective of the project.

### Delivering Solutions

To achieve the goals of the project, our engineers adopt the most appropriate methods, outdoing themselves. Our work is to follow a system driven process incorporating the latest methods in the BIM industry which ensures projects are delivered on time and are nothing short of the highest quality.

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## OUR VISION

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- > To provide services to customers globally with cutting edge technologies and guaranteed cost savings.
- > To be recognized as a leading MEP as well world class software product / service provider delivering exemplary services.



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## CONNECT WITH US

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✉ info@zonatechdigital.com

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**Zonatech** provides a full spectrum of engineering design, drafting and support services to Construction, Infrastructure, Electric, Gas and Water/Wastewater Utilities market spaces. We are a leading provider of global workshare solutions, providing building information modelling (BIM), design documentation, CAD Drafting/Detailing and 3D visualisation support to Architecture, Engineering, and Construction industry.



## MEP

### DRAFTING

- HVAC
- Plumbing & Drainage
- Fire Fighting
- Electrical
- ELV
- CSD

### DESIGN CALCULATIONS

- Heating & Cooling Load Calculations
- Ducts & Pipes Sizing and Routing
- Static & Hydraulic Pressure Calculations
- Water Flow Calculations
- Electrical Load Estimation & Distribution
- Short Circuit, Voltage Drop & Earthing Calculations
- Lighting & Power Design



## STRUCTURAL

### RCC STRUCTURES

- Design, Analysis & Drafting
- Rebar Detailing & Bar Bending Schedules
- Foundations (pile caps, raft slabs)
- Columns, Beams & Slabs
- Stairs & Ramps
- Industrial Structures & Machine Foundations (ISMF)
- Precast

### STEEL STRUCTURES

- Drafting
- Platform Jackets
- Top-sides equipment & deck modules
- Drilling modules
- Accommodation modules
- Plating or Grating, Handrails, Stairs, Pipe racks



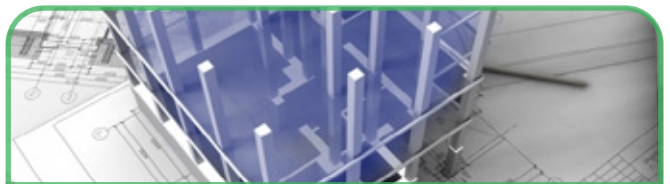
## ARCHITECTURAL

### DESIGN

To meet project goals, integrated design services lead teams are tailored to each engagement. Our multidisciplinary design teams include architects, interior designers, planners, and experienced professionals. Teams are formed at the beginning of the engagement so we can work together to solve problems and find solutions to complex architectural designs.

### DRAFTING

- Architectural detailing
- Fit-out drawings



## BIM

### MEP/ STRUCTURAL/ ARCHITECTURAL

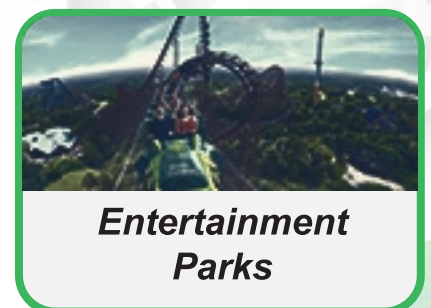
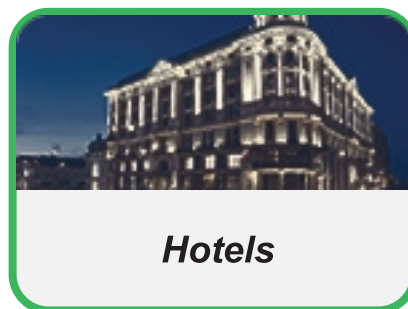
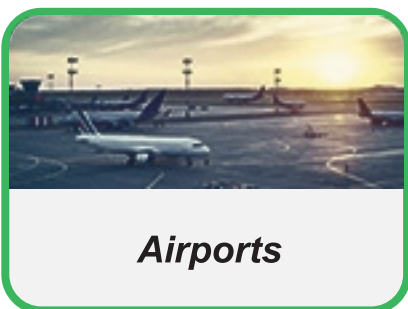
We provide BIM Modelling services for projects involving Architecture, Civil, Structure, Mechanical, Electrical, and Piping. We develop separate BIM models and one centralized BIM model for all disciplines including landscape and facades and make it information rich for effective handover across teams, enhanced collaboration, impressive 3D visualization and clear understanding, and for improved decision making.

Zonatech Middle East Operations started in 2018. With the backup of well-established technical strength in India, Zonatech/Capstone focused on the requirements of Engineering Design & Drafting Services in Middle East. Zonatech/Capstone CAD outsource services cover the entire gamut of CAD applications. Our services include Engineering Design Processes, Detailing (Structural & Piping), Preparing Shop Drawings (MEP & RCC) and Paper-to-CAD Drawing Conversion.

## **Zonatech works as outsource partners in the following areas:**

Our highly experienced teams of Engineers and Draftsmen have executed numerous large projects of preparing 3D Models and 2D Shop drawings from design drawings.

From load calculations (Heating & Cooling Load Calculations, Ducts & Pipes Sizing and Routing, Equipment Selection, Static & Hydraulic Pressure Calculations, Water Flow Calculations, Electrical Load Estimation & Distribution, Short Circuit, Voltage Drop & Earthing Calculations, Lighting & Power Design) to routing, detailing, preparing sections and coordinating all services, Models & Drawings are done to perfection!



**We provide MEP shop drawing which include:**

- 1) MEP Composite drawing
- 2) Under Ground & Above Ceiling coordination
- 3) Coordinated Shop Drawings.



## **Mechanical Drawings:**

- ✓ HVAC drawing (AC & Ventilation)
- ✓ Chilled Water Drawings
- ✓ Duct Work Drawings
- ✓ Schematic Diagram
- ✓ Fire Fighting Layout
- ✓ Detail Drawings



## **Plumbing Drawings:**

- ✓ Drainage Drawings
- ✓ Water Supply Drawings
- ✓ Storm Water Drawings
- ✓ Detail Drawings
- ✓ Schematic Diagram



## **Electrical Drawings:**

- ✓ Lighting Design & Lighting Control System
- ✓ Power layout
- ✓ Emergency Lighting
- ✓ Load Schedule
- ✓ Electrical Room Detail
- ✓ Generator Room Detail
- ✓ SLD drawing.
- ✓ Containment Layout
- ✓ Earthing Layout



## **Bim service:**

- ✓ 3D BIM Modeling :
- ✓ 3D BIM Coordination
- ✓ BIM Documentation
- ✓ BIM Quantification
- ✓ Scan / Point Cloud to BIM

## Building Information Modeling (BIM) Services

We offer Building Information Modeling Services or BIM Services to companies who are willing to upgrade themselves from traditional 2D CAD based approach to 3D based information rich process.



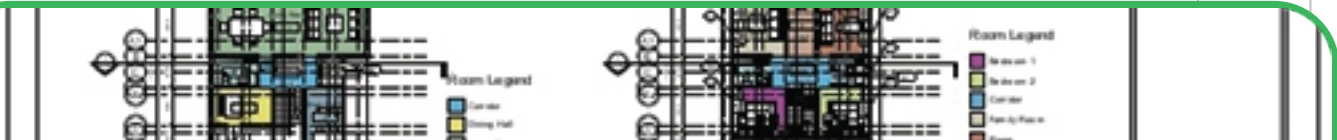
### 3D BIM Modeling :

We offer 3D BIM Modeling services using Autodesk Revit and AutoCAD for Architecture, Civil, Structure, Mechanical, Electrical, Plumbing & Fire Fighting at LOD 100, LOD 200, LOD 300, LOD 350, LOD 400 and LOD 500.



### 3D BIM Coordination:

We provide clash detection and clash resolution / rerouting for MEP cross disciplines such as ducts, equipment, cable trays & pipes Autodesk Navisworks. Our practical experience outweighs our competition.



### BIM Documentation

We offer Tendering and Construction documentation using BIM. We generate and extract working drawings / shop drawings / fabrication and spool drawings, design drawings, design options all from BIM models.



### BIM Quantification

We extract quantities and material schedules from BIM models for Architecture, Civil, Structure and MEP. Our BIM Quantity Surveying Service is used mainly by contractors which helps them in preparing accurate bids.



### Scan / Point Cloud to BIM

We create 3D as built BIM models from Point Clouds or scans for Buildings and Civil Infrastructure. These 3D BIM Models are further used as field models to verify and plan renovation projects. It saves time as several site visits are reduced due to presence of virtual 3D models.

# PROJECT COMPLETE



<b>PROJECT NAME</b>	: G+1+1P+ROOF COMMERCIAL BLDG. (PLOT NO. 621-8446) WARSAN FIRST
<b>CONTACTOR/CLINT</b>	: AZTECH MIDDLE EAST
<b>CONSULTANT</b>	: DESIGN CENTRE
<b>LOCATION</b>	: G+1+1P+ROOF SHOPPING CENTER AT PLOT 6218446, AL WARSAN FIRST, DUBAI, UAE
<b>DETAIL</b>	: BASEMENT +GROUND AND FIRST FLOOR DRAINAGE ,WATER SUPPLY AND HVAC



<b>PROJECT NAME</b>	: DRAGON CITY MIXED USED COMPLEX
<b>CONTACTOR/CLINT</b>	: ALIMOUSHA AND SONS CONTRATING /NAKHEEL
<b>CONSULTANT</b>	: DAR AL HANDASA
<b>LOCATION</b>	: UAE ,DUBAI Residential twin towers at Dragon City
<b>DETAIL</b>	: 2 RETAIL + 4 PODIUM +2 TOWER+32 FLOOR+ROOF COORDINATION



<b>PROJECT NAME</b>	: THE MARKER DISTRICT ,UAE
<b>CONTACTOR/CLINT</b>	: IMKAN
<b>CONSULTANT</b>	: RAMBOLL
<b>LOCATION</b>	: UAE,AL REEM ISLAND ABUDBABI
<b>DETAIL</b>	: ALL 7 TOWER TYPICAL FLOOR DRAINAGE,WATER SUPPLY AND HVAC MECHANICAL



<b>PROJECT NAME</b>	: PROPOSED RESIDENTIAL BUILDING (2B+G+9 TYP.) PLOT NO: 8884634 PLOT NO (MEYDAN): CP01-007
<b>CONTACTOR/CLINT</b>	: 360 DEGREE/LISTEN LIGHT ELECTROMECHANICAL SERVICES L.L.C
<b>CONSULTANT</b>	: AZIZI/ MYDAN
<b>LOCATION</b>	: SEIKH ZAYAD ROAD DUBAI
<b>DETAIL</b>	: ALL 7 PLOT BASEMENT +GROUND + FIRST FLOOR AND TYPICAL FLOOR COORDINATION



<b>PROJECT NAME</b>	: SOCIAL HOUSING PROJECT ACCOLADE PROJECT
<b>CONSULTANT</b>	: HI-TECH ISOLUTIONS LLP, AHMEDABAD
<b>LOCATION</b>	: AHMEDABAD, GUJRAT
<b>DETAIL</b>	: ARCHITECT MODLEING

# PROJECT COMPLETE



<b>PROJECT NAME</b>	: ZAKHIR PALACE ALIGN ABUDHABI
<b>CONTACTOR/CLINT</b>	: EMIRATES SYNASIX HOLDING
<b>CONSULTANT</b>	: EMIRATES SYNASIX HOLDING
<b>LOCATION</b>	: ALIGN, ABU DHABI
<b>DETAIL</b>	: BASEMENT+GROUND AND FIRST FLOOR HVAC AND DRAINAGE



<b>PROJECT NAME</b>	: AL RAHA BEACH ABUDHABI
<b>CONTACTOR/CLINT</b>	: AL MEZIN
<b>CONSULTANT</b>	: GOLDEN PLANNERS CONSULTANTS
<b>LOCATION</b>	: ABUDHABI
<b>DETAIL</b>	: COMMERCIAL BUILDING NO-224,225,226,227 HVAC AND DRAINAGE



<b>PROJECT NAME</b>	: (B+G+1) DHA AND NON DHA OCCUPATIONAL HEALTH CENTRE
<b>CONTACTOR/CLINT</b>	: EMIRATES GULF FACILITES MANAGEMENT L.L.C
<b>CONSULTANT</b>	: EMITECH
<b>LOCATION</b>	: AL QUASAIS FIRST ,UAE PLOT NO-2320546
<b>DETAIL</b>	: NURSE CALL SYSTEM



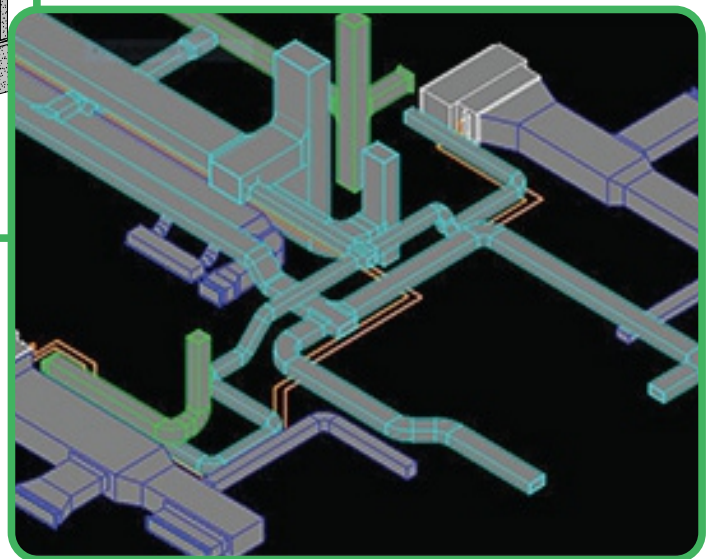
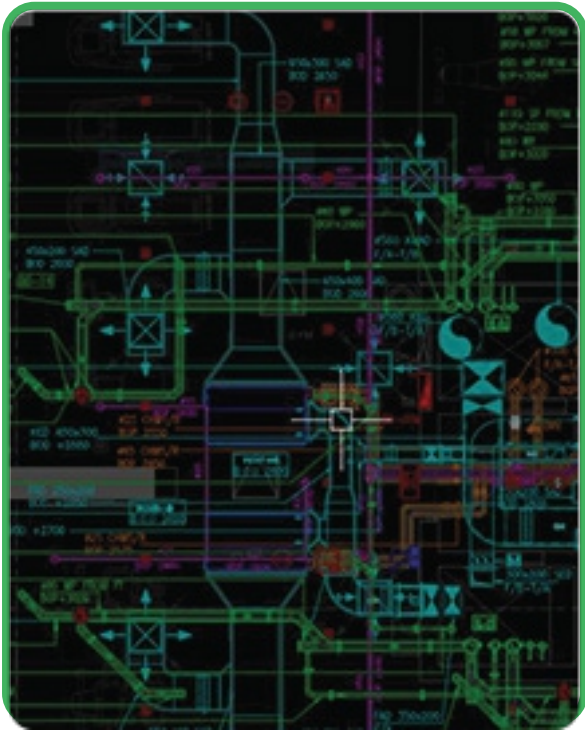
<b>PROJECT NAME</b>	: BURJEEL MED CITY
<b>CONTACTOR/CLINT</b>	: STH SOCIETY TECHNOLOGY HOUSE
<b>CONSULTANT</b>	: EMITECH
<b>LOCATION</b>	: MOHDMMED BIN ZAYAD CITY PLOT -7 SECTOR Z-9
<b>DETAIL</b>	: NURSE CALL SYSTEM



<b>PROJECT NAME</b>	: MIRDIF PRIVATE HOSPITAL DUBAI (3B+G+3F+R)
<b>CONTACTOR/CLINT</b>	: SAMI AHMED DHAEN AL QAMAZI
<b>CONSULTANT</b>	: EMITECH
<b>LOCATION</b>	: AL GOURAD DUBAI UAE
<b>DETAIL</b>	: NURSE CALL SYSTEM







# MAJOR CLIENTS



# CORPORATE BROCHURE

## TALK REALIZE

### HAED OFFICE:

Laxmi Nilayam, Patia,  
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Our Company On



[www.zonatechdigital.com](http://www.zonatechdigital.com)

## CONTACT US

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# THANK YOU