



*Imagining extraordinary, Creating enduring*

MECHANICAL, ELECTRICAL, PLUMBING & FIRE  
FIGHTING SERVICES

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# INTRODUCTION

Nurturing under the guidance of our passionate & experienced CEO's, we are independent Mechanical, Electrical & Plumbing Consulting Engineers, providing a comprehensive range of sustainable MEP engineering services.

Our success moto is client satisfaction, diverse experience, professionalism and continual focus on improvement particularly in the field of sustainable design.

Our mechanical, electrical & plumbing consulting engineers work as an integrated project team to provide complete building services solutions under one roof. Alternatively, we provide separate mechanical or electrical advice to suit our client's needs.

At JMB, the design of services system is a process beginning with ideas translated into plans, which are then carefully co-ordinate through each phase of activity to produce the desired environment and facility. In each phase of design, environment protection, energy conservation and use of new materials appropriate technologies are the guiding factors for finalization of design solution.

“Question the ordinary  
Imagine the extraordinary  
Create the enduring “

# SENIOR TEAM MEMBERS

**1) Mr. Robin**

: B.Tech (Electrical)

Experience

18 years of experience in designing of electrical works for all kinds of projects. (Government, Private, Residential, Commercial, Member of "**The Institute of Engineering and Technology**" UAE/UK/Indian projects experience)

**2) Mr. Major S**

: B.Tech (Electrical & Electronic)

Experience

23 years of experience in designing of electrical works for all kinds of projects. (Govt, Private, Residential, Commercial – National, International projects, UAE projects experience)

**3) Mr. Vivek**

: B.Tech (Electrical & Electronic)

Experience

18 years of experience core designing services of electrical services for all kinds of projects. (Govt, Private, Residential, Commercial – National, International projects, UAE projects experience)

**4) Mr. Rajinder Kumar**

: Diploma in Civil Engineering.

Experience

36 years of experience for Civil Engineering services along with coordination of MEP services. Managing design related issues, analysis of rates as per DSR etc in office.

**5) Mr. Baljeet Singh**

: B.Tech (Mechanical)

Experience

33 years of experience in designing of HVAC services for all kinds of projects. Vast experience in team build-up. Part of system planning (india, UAE and UK)

**6) Mr. Manveer Singh**

: B.Tech (Mechanical)

Experience

18 Years of experience in designing of Plumbing and Firefighting services for all kinds of projects. Specialist in highrise buildings plumbing and fire services (Govt, Private, Residential, Commercial – National, International projects, indoor/outdoor stadiums etc.)

**7) Mr. Vikas**

: B.Tech (Mechanical)

Experience

18 Years of experience in designing of Plumbing and Firefighting services for all kinds of projects. (Residential, Commercial – National, International projects, High rise buildings etc.)

**8) Mr. Anoop**

: B.Tech (Mechanical)

Experience

12 Years of experience in designing of HVAC services for Hotels, Corporate and High-rise buildings. Specialization in corporate building base built and fit-out design.

## SERVICES RENDERED:

Services are rendered from conception to commissioning stage of each project, enabling the Owner/Architect/Planner to get the Engineering services co-ordinate & integrated in the accepted Architecture/Interior design.

### **a) HEATING, VENTILATION & AIR-CONDITIONING (HVAC) SYSTEMS:**

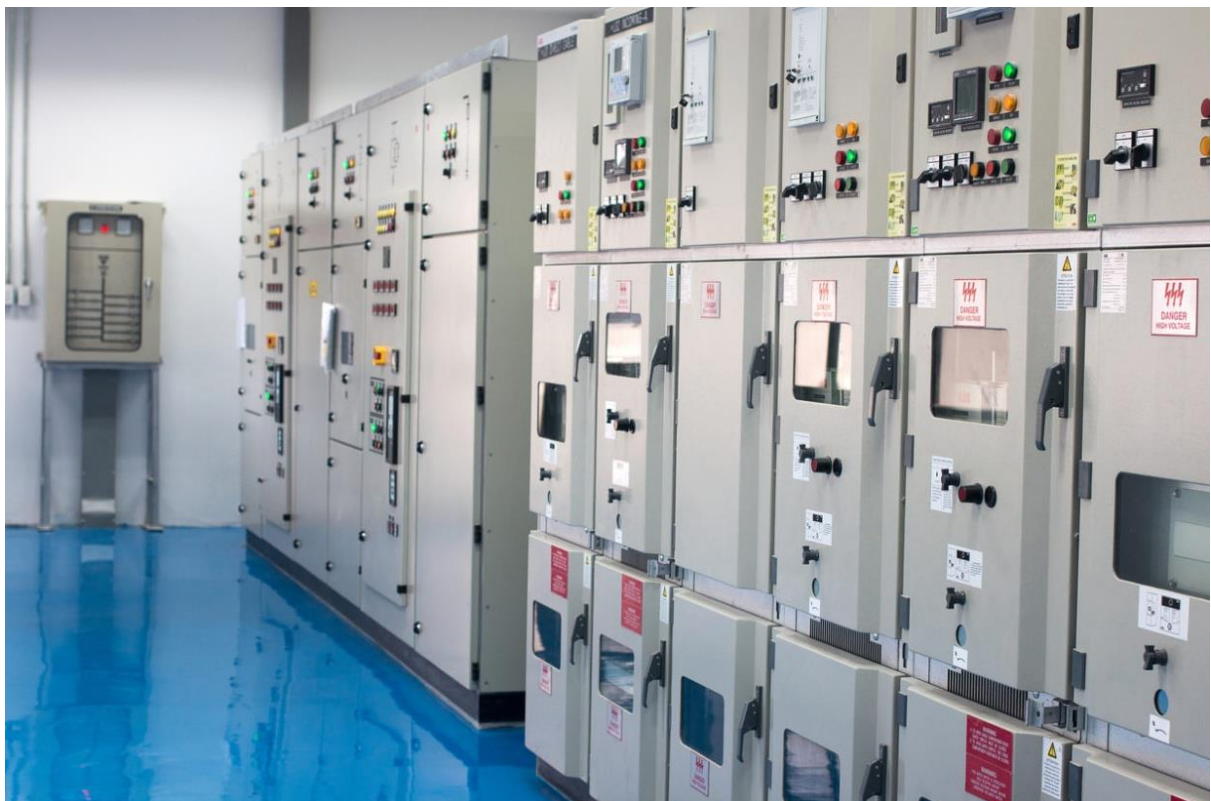
- Air-Conditioning, Heating, Mechanical Ventilation
- Refrigeration System for cold stores/deep freezers
- Clean room applications like Computer rooms, Pharmaceuticals, Testing labs etc.
- Process applications and Operation theaters
- Industrial Ventilation
- Central Evaporative Cooling & Humidification



## **b) ELECTRICAL SYSTEMS:**

Electrical installations including High Voltage/Extra High Voltage (HV/EHV) sub-stations and distribution systems, drives and controls.

- Captive Power Generation and its distribution system.
- Internal electrical system and illumination engineering.
- Communication System - Audio, Video, Data
- Entertainment Systems, Multi-Channel TV, Multi-Channel Music
- Simultaneous Interpretation/Conference Systems.
- Close Circuit Television & Security System.
- Fire Detection and Fire Alarm
- Public Address System
- AC/DC Vehicle Charging Stations
- Gas generating station and substation



**c) PLUMBING SYSTEMS:**

- Water supply, Water Treatment, Pumping, Piping and Distribution
- Soil, Waste and Vent piping.
- Disposal of Sewage and Storm Water, Effluent/Water Treatment Plants
- Central hot water generation and distribution, Water softening and treatment Plant
- Swimming pools & decorative fountains, Rain Water Harvesting.

**d) FIRE PROTECTION SYSTEM:**

- Fire suppression system
- Automatic Fire Detection System Conventional type & Analogue Intelligence System
- Automatic FM-200 and CO2 system
- Fixed Foam Installation

NOTE: - All the systems designing are as per TAC/ISI/NFPA/NBC Part IV/Local Fire Authority/DEWA/BS.

**e) SPECIAL SYSTEMS:**

- Fuel/ Storage & distribution (LPG, HSD/LDO/LSHS/FO 9/Edible oil) System.
- Steam Generation & distribution systems.
- Compressed air system, Solar Heating /Cooling System
- Heat Recovery and Energy Management
- Lifts/Elevators/Escalators, Building Automation System
- Access Control System, Software Development

**f) SCOPE OF CONSULTANCY SERVICES RENDERED:**

- Feasibility Study, Conceptual Planning
- Upgrading of the existing systems i.e. Firefighting including guiding for re-commissioning of the left over systems, which also includes the demonstration at site etc.
- Preliminary Design Report and Budget Estimate
- Detailed Planning, Working Drawings
- Specifications, Schedule of quantities
- Detailed Cost Estimates, Notice Inviting Tender
- Comparative Statement for tenders-commercial, technical, Unit rates & amounts.
- Recommendation for award, Contract Agreement
- Verification of shop drawings.
- Periodic Site Supervision, Testing and Commissioning
- Assistance with as-installed drawings, Assistance with Operation and Maintenance
- Manuals/Charts and Log books
- Design Audit



## LIST OF NATIONAL PROJECTS – COMPLETED /IN-HAND

- A) Various buildings at Naphtha Cracker Project – IOCL, Panipat
- B) Veritas office complex, Gurugram
- C) Jindal House, New Delhi
- D) EXL Call Centre, Noida
- E) Naphtha Cracker Project, Panipat, IOCL
- F) Railway maintenance sheds, Bikaner, RITES
- G) Auramaah Valley, Shimla
- H) Edo Castle Hotel, Neemrana
- I) NIIT Call Centre, G. Noida
- J) DLF Camellias, High-end Flats (Gurgaon)
- K) HIHT Engineering College, Dehradun
- L) 100 Bedded govt. hospital in Dehradun
- M) 150 bedded T.B Hospital in Haldwani
- N) Secretariat Building, Uttarakhand
- O) Uttarakhand Niwas, Chanakyapuri (GRIHA)
- P) Residences -25+
- Q) Clean Drop Fil. Inc. Factory at Badli
- R) 11 Nos. Common Wealth Stadium (New Delhi)
- S) DLF Corporate Offices (New Delhi)
- T) Emaar Corporate Offices (New Delhi)
- U) RSPL Industrial project (Indore)
- V) Desano Industrial Project (Banglore)
- W) Srijan Homes, Residential Project (Jharkhand)
- X) The World Spa, Residences (Gurgaon)
- Y) Best Agro life Industries, Surajpur, Greater Noida

## Corporates

- A) Terhan IT Park, Gurugram
- B) Veritas office complex, Gurugram
- C) Post Graduate Hostel at Dr Rajendra Prasad Medical College, Tanda H.P.
- D) Pegasus, Gurugram
- E) Jindal House, New Delhi
- F) EXL Call Centre, Noida
- G) NIIT Call Centre, G. Noida
- H) DLF Corporate Offices (New Delhi)
- I) Emaar Corporate Offices (New Delhi)
- J) HIHT Engineering College, Dehradun
- K) Secretariat Building, Uttarakhand
- L) 11 Nos. Common Wealth Stadium (New Delhi)
- M) MVL Corporate office, Gurugram
- N) DDA Training venue, New Delhi

## INDUSTRIAL PROJECTS

- A) Various buildings at Naphtha Cracker Project – IOCL, Panipat
- B) Railway repair sheds, Bikaner
- C) Clean Drop Fil. Inc. Factory at Badli
- D) RSPL Industrial project (Indore)
- E) Desano Industrial Project (Banglore)
- F) Herboveda Industries, Surajpur, Greater Noida
- G) Best Agro life Industries, Surajpur, greater Noida
- H) Dabur Research & development Centre labs, Ghaziabad
- I) Green Field Project at manufacturing facility for RAREN, BBSR
- J) Industrial Development Unit, Tangi
- K) 14 Acres of Poultry and Egg Market development, Gazipur (Re-Development of GRIHA rated poultry and egg market at Gazipur).

## RESIDENTIAL PROJECTS

- A) Residence 15<sup>th</sup> Ex-Attorney General of India, New Delhi
- B) Jindal House, New Delhi
- C) Naldera Villas, Himachal Pradesh
- D) DLF Camellias, High-end Flats Project (Gurgaon)
- E) Uttarakhand Niwas, Chanakyapuri (GRIHA)
- F) Residences -25+
- G) Srijan Homes, Residential Project (Jharkhand)

H) The World Spa, Residences (Gurgaon)

I) Dedag Villa, Shimla

### **HOSPITALS**

- A) 100 Bedded govt. hospital in Dehradun
- B) 150 bedded T.B Hospital in Haldwani
- C) EYE HOSPITAL, Baghpat, U.P.
- D) Sama Hosital, Hauzkhas
- E) Dr. Amod Uro and Gyne Hosptial, Kanpur

### **HOTELS**

- A) Auramaah Valley, Shimla
- B) Edo Castle Hotel, Neemrana
- C) The Ashok Hotel, New Delhi
- D) Samrat Hotel, New Delhi

### **COMMISSIONING/TESTING/SITE AUDIT**

- A) Papers Factory, Jammu
- B) RSPL Napkin Industry, Dhar
- C) Sama Hospital, New Delhi
- D) High-End residential, J P Greens, Gurgaon
- E) Sugar Industry, Modinagar

## LIST OF INTERNATIONAL PROJECTS – COMPLETED /ONGOING

- A) Dulwich College South, London
- B) Dulwich College North, London
- C) Runnemede Properties, UK
- D) Wilton Hill, UK
- E) Newton Road, UK
- F) United Arab Bank, Dubai
- G) (Commercial mixed used, Kinshasa), Congo
- H) Raw Bank, Kinshasa, Congo
- I) Luxury Guest House, Lubumbashi, Congo
- J) 64, Gifford House, UK (Residence)
- K) Highstreet Hampton Hill, UK (Residence)
- L) 41 Thorney Hedge Road Project, UK (Residence)
- M) 23-596 WA Project, UK
- N) Hansworth Road Project, UK (Residence)

# NAPTHA CRACKER PROJECT – IOCL, PANIPAT





## Dulwich College South/North, London



## Runnemedde Properties, UK (Amtech, Lighting calcs)



## Wilton Hill, UK



## Newton Road, UK





## Multilevel Car Parking, BKS- SN, New Delhi



## Luxury Guest House, Lubumbashi- Congo





## Uttarakhand Niwas (GRIHA rated), Chanakyapuri



## NIIT, Greater Noida



## Amerisprise Financial, Gurgaon





## 14 Acres of Poultry and Egg Market development, Gazipur



Re-Development of GRIHA rated poultry and egg market at Gazipur.



## Softwares :

Trimble - Amtech

Relux

Dialux

Hevacomp

Etap

Microstation

Bluebeam

Revit-MEP

Autocad

### **JMB DESIGN STUDIO LLP**

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**GSTIN- 07AANFJ5625M1ZU**

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