



Design Studio LLP

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

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| 1)Mr. Robin | : B.Tech (Electrical) |
| Experience | 15 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) |
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| 2) Mr. Raj Kumar | : 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) |
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| 3) 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. |
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| 4) Mr. Baljeet Singh | : B.Tech (Mechanical) |
| Experience | 33 years of experience in designing of HVAC services for all kinds of projects. (National& International projects experience) |

- 5) Mr. Manveer Singh** : B.Tech (Mechanical)
- Experience 16 Years of experience in designing of Plumbing and Firefighting services for all kinds of projects. (Govt, Private, Residential, Commercial - National, International projects, indoor/outdoor stadiums etc.)
- 6) 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.)
- 7) Mr. Anoop** : B.Tech (Mechanical)
- Experience 11 Years of experience in designing of HVAC services for Hotels, Corporate and High rise buildings.

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
- 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



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

/ INHAND

- A) Terhan IT Park, Gurugram
- B) Various buildings at Naphtha Cracker Project - IOCL, Panipat
- C) Veritas office complex, Gurugram
- D) Pegasus, Gurugram
- E) Jindal House, New Delhi
- F) EXL Call Centre, Noida
- G) Naphtha Cracker Project, Panipat
- H) Railway repair sheds, Bikaner
- I) Naldera Villas, Himachal Pradesh
- J) Auramaah Valley, Shimla
- K) Edo Castle Hotel, Neemrana
- L) NIIT Call Centre, G. Noida
- M) DLF Camilis , Highend Flats Project (Gurgaon)
- N) HIHT Engineering College, Dehradun
- O) 100 Bedded govt. hospital in Dehradun
- P) 150 bedded T.B Hospital in Haldwani
- Q) Secretariat Building, Uttarakhand
- R) Uttarakhnad Niwas, Chanakyapuri (GRIHA)
- S) Residences -25+
- T) Clean Drop Fil. Inc. Factory at Badli
- U) 11 Nos. Common Wealth Stadium (New Delhi)
- V) DLF Corporate Offices (New Delhi)
- W)Emaar Corporate Offices (New Delhi)
- X) RSPL Industrial project (Indore)
- Y) Desano Industrial Project (Bangalore)
- Z) SriJan Homes, Residential Project (Jharkhand)
- A) The World Spa, Residences (Gurgaon)
- B) Herboveda Industries, Surajpur, Greater Noida
- C) 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 (Bangalore)
- F) Herboveda Industries, Surajpur, Greater Noida
- G) Best Agro life Industries, Surajpur, greater Noida
- H) Dabur Research & development Centre labs, Gaziabaad
- 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 15th Ex-Attorney General of India, New Delhi
- B) Jindal House, New Delhi
- C) Naldera Villas, Himachal Pradesh
- D) DLF Camilis , Highend Flats Project (Gurgaon)
- E) Uttarakhnad 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

D) HAUZ KHAS

HOTELS

A) Auramaah Valley, Shimla

B) Edo Castle Hotel, Neemrana

C) The Ashok Hotel, New Delhi

D) Samrat Hotel, New Delhi

E)

LIST OF INTERNATIONAL PROJECTS - COMPLETED /ONGOING

A) Dulwich College South, London

B) Dulwich College North, London

C) Runnemedde Properties,UK

D) Wilton Hill, UK

E) Newton Road, UK

F) United Arab Bank, Dubai

G) (Commercial mixed used, Kinshasa), Congo

H) Raw Bank, Kinshasha, 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)

NAPHTHA CRACKER PROJECT - IOCL, PANIPAT



Dulwich College South/North, London



Runnemedes 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 :

Amtech

Relux

Dialux

Hevacomp

Etap

Microstation

Bluebeam

Revit-MEP

Autocad

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