

INTRODUCTION

We at Equity Corporation provide services like project management, design, drawing, energy efficiency improvement in electrical and mechanical engineering **for residential, Industrial, commercial projects as well as bungalows.**

Our services are designed with the objective to eliminate complexity from our client's projects. While we constantly provide value added services to our clients at every stage of a project.

Project management : Electrical

1. Data collection for all services including electrical, mechanical and other services in consultation with client / civil engineering / architect
2. Electrical Load Calculations, Maximum demands, rating of transformer, and DG set rating calculations etc.
3. Emergency supply calculation for residential complexes to provide DG sets
4. Engineering design of the power system, cable distribution, cable losses, cable sizing, cable lengths, panel and distribution boards and single line diagram.
5. Detail engineering layout drawings for lightening protection and earthing scheme.
6. Drawings for telephone communication, cable TV, door video, security system, PA system.
7. Lighting design for internal, street, corridor etc.
8. Planning for preparation of drawing, procurement of material, execution of

electrical activities.

9. Periodically site visit for work progress in civil and electrical work, quality of electrical work and quality of material received at site.

10. Technical and Commercial comparison of quotes for various vendor, negotiations with contractor.

11. Inspection of material ordered.

12. Check of electrical contractor's bills with respect to measurement sheet and work done.

Project management : Firefighting and fire alarm

1. To design and prepare drawings to include all aspects of fire fighting facilities such as wet riser cum down comer, hydrants, rose reel and hose box, sprinkler system, main pump, sprinkler pump, booster pump, jockey pump design, pipe sizing, under ground and overhead water storage tanks etc.

2. Planning for preparation of drawing, procurement of material.

3. Technical and Commercial comparison of quotes for various vendor, negotiations with contractor.

4. Periodically site visit for work progress in civil and work, quality of work and quality of material received at site.

5. Check of contractor's bills with respect to measurement sheet and work done.

6. To design and prepare drawing for fire alarm system with smoke detectors, heat detectors inside basement, offices, corridors, meeting halls etc.

Project management : Lifts

1. Calculation of no. of lifts required, technical specifications.
2. Planning for preparation of drawing, procurement of lifts.
3. Technical and Commercial comparison of quotes for various vendor, negotiations with contractor.
4. Periodically site visit for work progress in civil and work, quality of work and quality of material received at site.
5. Check of contractor's bills with respect to measurement sheet and work done.

Project management : Energy efficiency

1. Save energy by design and selection of lighting material, cable sizes, efficient motors, use of non conventional energy, automization of systems domestic water tank pumps, street lighting, corridor / passage lighting etc.
2. Use of energy efficient lighting, selection of water pumps for site operations.

We carry out these activities as per IS / CPWD/ NBC /NFPA norms.

We also provide compressors / DG sets on rent basis

Equity Corporation

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