



Job Specification for:

Senior Mechanical Design Engineer

General Description of Expected Roles

The Senior Mechanical Design Engineers role will be to carry out mechanical and public health design duties, oversee junior staff, provide project management and administration duties and to monitor design team costs taking into account the programme and budget provided for each of the projects.

Candidate must hold a full UK driving licence.

The Senior Mechanical Engineers role is summarised as follows :-

1. To implement company procedures policy.
2. To carry out Mechanical design and project management of various types of projects in accordance with the company aims and policies.
3. Carry out condition and feasibility surveys in various parts of England at times and produce reports.
4. To manage design team and provide Mechanical engineering support to all Electrical engineers.
5. Liaise with clients and attend meetings on all aspects of the projects.
6. Maintain and expand PinnacleESP client base.
7. Carry out quality inspections of projects.
8. Use CAD / BIM systems in line with Pinnacle company procedures.
9. Monitor financial aspects of projects.
10. Work within and be responsible for Mechanical standards within the organisation.

Experience of:

- Experience and use of Revit MEP
- Experience and use of Hevacomp/IES VE
- Experience and knowledge of current Building Regulations / Renewable technologies / IES Thermal Modelling / SAPs/ SBEM Calculations/ EPC's / BREEAM / GLA London Plan / Passivhaus Standards.
- Working in a small / medium sized consultancy
- Working for a large contractor or local authority / housing association in a design capacity
- Project management of multi-disciplinary projects
- Producing detailed specifications
- Productions of design calculations using manual and software type
- Production of detailed drawings manually. CAD experience essential
- Production of tender packages
- Carrying out tender analysis of returned tender packages
- Production of budget costings for all aspects of services
- Carry out site surveys in various parts of the UK using own car or public transport
- Carry out on-site project management
- Production of condition / dilapidation / CIF bid reports
- Production of budget estimates

Knowledge of:

- CIBSE Guides
- Building Regulation
- CDM Regulations
- British Standards
- Revit / BIM
- Energy & Sustainability Regulation & Legislation

Pinnacle Project Profile:

- Education
- Residential (New Build & Refurb)
- Commercial
- Decarbonisation
- Condition and Acquisition Surveys and Reports
- Contract Administration experience

Education

- Qualified to at least HNC or Degree Level

Computer Skills:

- Windows
- Excel/Word
- Autocad / Revit MEP
- Microsoft Project
- Hevacomp/IES VE

Must be a team player