

Job Title: Senior Public Health / Water Services Engineer

Reporting to: Associate

Place of work: Princes Risborough

Overall Purpose of the Job: To undertake the design of Public Health/Water Services Building Services, from inception to completion, for a wide variety of interesting and prestigious schemes.

Key Responsibilities:

1. When required, attend Client/Design Team briefings to establish project criteria.
2. Develop system options at design development stages in conjunction with Director/Associate.
3. Undertake initial space planning exercise for plant rooms, primary services routes, etc.
4. Prepare initial budget costings and monitor design development/cost implications.
5. Attend Design Team and Site Meetings as sole representative, if appropriate.
6. Undertake surveys of existing installations that establish condition and suitability for re-use.
7. Ability to undertake principle design calculations associated with water services and drainage (e.g. tanks, calorifiers and pump sizing etc.) using computer software packages.
8. Ability to produce Tender quality drawings in accordance with QA Procedures using AutoCAD.
9. Attend site to undertake survey of existing installed services to establish location and content (but not condition or adequacy for re-use) unsupervised.
10. Liaise with Statutory Supply Companies to obtain record information and quotations for new supplies.
11. Liaise with equipment manufacturers to obtain quotations.
12. Ability to select standard terminal devices based upon calculated loads (e.g. tanks, calorifiers, terminal fittings).
13. Liaise with Contractors to deal with minor site co-ordination queries.
14. Ability to undertake snagging of installed systems with respect to installation quality.
15. Familiarity with Design Team and Site Team Meeting format (i.e. attendance but not necessarily sole representation of SD&P).
16. Demonstrate an ability to manage own time and to prioritise. Demonstrate a pro-active approach in highlighting to Team Leader potential shortfalls in available time so that remedial steps can be taken to achieve Client deadlines.
17. Liaise with CAD and Admin. Departments to achieve drawing and document production to meet Client deadlines.
18. Familiarity with budget costing methods.
19. Demonstrate an awareness and understanding of the Practice Quality and Operational Procedures.