

BEMS & Smart Buildings Consultant

Job Description

Description of Role

The specialist Consultant will be required to work directly with clients to provide a full range of BEMS & Smart Buildings System Consultancy services. Either working alone or as part of a wider NDA team, the Consultant will be engaged in conceptual discussions, through feasibility, scheme design and detailed design, tender and implementation stages, as required by the project brief, ensuring that NDA support and add value to the projects to which they have been assigned.

Key responsibilities will include, as required but not limited to:

- Conducting System Condition surveys, producing reports and recommendations for clients.
- Completion of Feasibility Studies, Energy Management Surveys, Specification reviews & evaluation.
- Providing product, systems and application advice to clients.
- Production of Concept / Scheme designs, performance specifications and detailed design development in line with RIBA design stages and/or RIBA Smart Building design overlay.
- Engaged in Tender Management and Tender Vetting on behalf of the client.
- Production of tender technical and cost/bid analysis.
- Project Management on behalf of client to include project progress reporting and Contract Administration as applicable.
- Responsible for Commissioning Management, Snagging & reporting on behalf of client.
- Conduct system witness testing and reporting. Attendance at BMS & Smart Buildings FAT's and SAT's.
- Production of project case studies.
- Review/updating of building energy log books.
- Client systems instruction and training.
- Maintaining of personal Continuous Professional Development (CPD); sharing knowledge internally with colleagues and externally with clients.
- Capture all activity in our customer relationship management (CRM) tool to ensure collaboration and continuity of efforts across the team.

The role is based at our Head Office in Camberley, but there is a requirement to attend client sites across the UK as required.

Key Skills Required

- Technical & Commercial experience in building services industry (consultancy or contractor) to include design, installation and testing of BEMS & Control Systems and Smart Buildings systems and Control system commissioning.
- Project & programme Management.
- Strong technical & design skills in Controls, BMS / Smart Buildings/iBMS.
- Good numerical skills and attention to detail.
- Analytical skills.
- Client representation
- Excellent interpersonal skills and ability to communicate at Senior Manager / Director level, architects, M&E contractors and others.
- Tact and persuasive ability.
- Team-working skills.
- IT skills.
- Good oral and written communication skills.
- Self-motivation.
- Passion for technology and innovation in building management.
- Innovative Smart Building visioning and value centric master planning
- Smart Building & BMS specification development



- Integrated solutions technical and engineering evaluation and approval
- Building performance analysis and management

Experience

- Minimum HNC level related engineering (electrical / mechanical) qualification.
- HND or Degree level in BEMS/Smart Buildings Systems, Building Services Engineering or Electrical & Electronic Engineering (desirable).
- Excellent BEMS & Controls Systems and data integration knowledge (e.g. Trend, Tridium, Niagara, other) gained through industry work experience working for a BMS/Control systems manufacturer, as a contractor or specialist systems integrator or in a similar consultancy role.
- Recognised industry and/or manufacturers training and qualifications e.g. BCIA
- Technical and commercial experience of Smart Buildings & IoT Platforms e.g via Niagara, KODE, Vanti, Other etc, Digital Estate and Cloud Services and associated Network architectures (desirable).
- Methods of integration of Smart Building systems and available Smart Features, Functions and Services (desirable).
- Smart/Wired score accredited (desirable)
- Working within a Building Services Consultancy (desirable).
- Membership/Accreditation of CIBSE and /or IET (desirable).

About NDA

NDA Consulting Ltd is an Independent Specialist BEMS, Controls and Smart Buildings Systems Consultancy practice providing Technical Design, Project Management and FM Contract Support Services. We work with large end-user clients including various public sector clients local authorities, NHS Trusts and portfolio management companies as well as providing specialist systems technical support to a number of larger MEP (Mechanical / Electrical / Public Health) consultancies.

NDA are focused on utilising Intelligent Systems and Technology to facilitate Energy Optimisation and (carbon) reduction programmes for our clients. We promote innovative Building Energy Management Strategies and solutions, in conjunction with the introduction of Engineering and Networking standards, to provide the correct level of monitoring, control and systems integration/interoperability for the building services systems and the built environment. We also advocate usable and effective operator interfaces and automatic reporting together with a programme of “Building Performance Optimisation and Condition Monitoring” utilising BMS and intelligent systems. NDA Consulting is a member of the Association for Consultancy and Engineering (ACE) and Building Controls Industry Association (BCIA).