## Daniel Crouch MCIBSE – Freelance Electrical Engineer/Project Manager

The Brinks, Clent, Stourbridge, Worcestershire, DY9 9PE.

Phone: 07930 184836 E-Mail: decservicesukltd@hotmail.co.uk

# Personal Profile

A highly skilled and motivated Engineering professional with over 27 years industry experience. Has great business acumen and vision with a leadership style that evokes natural participation from both clients and colleagues alike. Always leads by example with integrity being a core value and a professional development combining two inseparable complimentary attributes – practical training and academic competence.

Analytical with solid technical ability in building services and LV/DNO distribution systems. Experienced in RIBA work stages/project life cycles with the enthusiasm and skillset to drive a projects team to a successful conclusion. Confident, charismatic and customer focused with a natural ability to forge strong productive relationships. Strives to achieve maximum productivity and efficiency from project resources. Always looks for a win win outcome when resolving disputes. Conversant with the latest CDM regulations and contractually aware. Happy to operate from the office or out on site.

A proven track record of project management and technical engineering ability in both building services and automation disciplines from initial enquiry to final account. A completed project portfolio of varied and prestigious high profile projects that include Albert Bridge London, Premier Inn – Horsham, several large NHS sites and Jaguar Land Rover projects.

# Key Skills

* Electrical Design - BS7671
* Amtech
* Technical Specification Development
* Project Development, Coordination & Scheduling
* Feasibility & Scope Management
* Commissioning & Handover
* Labour/Sub-contractor Management
* Health & Safety Compliance (CDM)
* Stakeholder Management
* Budgeting and cost control
* Estimating
* Project Reporting
* Procurement/Contracted Services
* Risk and Issue management
* Client Liaison/negotiation
* Microsoft Project/Office/Excel
* 4 Projects
* NEC/JCT Contract Management
* Hilton Brand Standards
* Whitbread/Premier Inn
* Vixen Accounting Software
* Quality Assurance

# Experience

## Senior Contract Manager – ECA 2017-Present

Responsible for design development and delivery of Building Services for large hotel projects from RIBA stage 3 through to completion including P&L

* Small Power & lighting/EM Lighting
* Power Distribution / Standby Generator power supplies
* DNO Substations
* Access Control Systems
* CCTV Systems
* Data/network Systems
* Security Systems
* HVAC

*Hilton Double Tree – Royal Angus Hotel - £25,000,000*

* 186 guestroom hotel over 9 floors to include Marco Pier White restaurant, bar and conferencing facilities. The development includes a new Western Power Sub-station and 150kVA standby generator set .

*Premier Inn - Piries Place Horsham - £18,000,000*

* 96 guestroom hotel over 5 floors located within a larger development. ECA went on to secure £287,000 of additional works including the installation of a UK Power Networks 2mVA substation and BNO distribution system (ECS 03-0054), Public realm lighting and small power scheme.

## M&E Project Manager – SMBC Property Services Building Consultancy 2016 – 2017

Project Manager for local government building consultancy providing turnkey construction services to public sector clients through partnership contracts (including private clients). Capital Projects include M&E refurbishments to: Schools, NHS sites, Library’s, Theatres, Council Offices and other publicly owned buildings.

* Regularly consult with clients and understand business requirements to support project development.
* Develop the clients brief and manage the design team to enable preparation/commissioning of design drawings and specifications for mechanical/electrical engineering services in accordance with best practice.
* Carry out design reviews and value engineering to meet budget requirements.
* Compile and review risk register/evaluate risks to ascertain project impact/exposure.
* Prepare / co-ordinate contract documents for the tender of works.
* Carry out post work inspections to ensure that all completed works including any variations have been carried out to the approved specifications and satisfaction of the client.
* Arrange and chair where appropriate pre-contract and progress meetings for projects and confirm the outcome of the meetings with suppliers, contractors and clients as required.
* Resolve any queries and/or disputes with contractors / partners / clients.
* Monitor and control expenditure on programs of work and projects in line with approved estimates.
* Manage SHE requirements for projects ensuring CDM compliance - Principle Designers, Pre-construction Information, Construction Phase Plan, Health and Safety File are in place and updated.
* Appoint specialist Asbestos Contractors to carryout R&D surveys and procure reports.
* Review KPI’s to track performance and highlight potential issues.

Project Values - £30,000 - £3.3m

## M&E Project Manager – Envirotec Building Services 2015-16

Lead project team from contract award to final account. Reporting to the Financial Director.

* Procurement of sub-contract resources.
* Preparation of works packages for sub-contracted work.
* Review and evaluate returned tenders including any qualifications.
* Manage site set up and ensure Principle Contractor responsibilities are met where necessary.
* Management of both direct and sub-contract M&E teams to insure Construction Program and key milestones are met.
* Attend site meetings and report on progress/raise any points of concern/issues.
* Carry out monthly valuations and agree payment applications.
* Health & Safety compliance.

Project Values - £250,00 - £1.5m

## Lead Engineer/Project Manager – Site Services Capital Project Team, Jaguar Land Rover 2013 - 2015

Working in the Facilities and Site Services department covering JLR’s two design, development and HQ sites Gaydon and Whitley and JLR’s Technical Training Academy. Full responsibility for managing the design and delivery of Capital Projects.

* Responsible for the day to day management of M&E projects team including Electrical Refurbishments, HVAC, BMS and PLC projects.
* Liaising and advising maintenance teams on specialist M&E engineering and BMS services.
* Developing project designs and energy saving schemes, specifications and scopes of work for contractors.
* Management of suppliers and subcontractors for multi discipline projects, including technical compliance, programme, cost, H&S, company standards and contract conformity to ensure efficient completion of projects.
* Develop and present the business case for capital projects at monthly Engineering Technical Services board meetings for evaluation and funding acquisition.
* Assist with the development and implementation of JLR’s Workshop Standards Document.
* Develop the JLR Electric Vehicle charging standard through and roll out across sites.

Project Value £40,000 - £1.5m

## Project Engineer - Interserve Site Services, 2009 – 2012

* Coordinate site activities on various projects from the implementation phase to handover ensuring project schedules where adhered to and milestones met. Managing multiple sub-contractors, identifying, costing and processing any contract variations, raising RFI’s , plant and materials acquisition, writing detailed and summarised progress reports, preparation of risk and method statements, attend weekly site meetings, witness testing /commissioning.

Project Value £500,000 - £7.5m

## Electrical Contractor - DEC Electrical 2002-2009

* Extensive experience in the commercial, industrial, automation/PLC systems with both commercial and private clients. Managing large installation teams, setting budgets and agreeing project time scales, scope definition, electrical design and specification, tender documentation, health and safety compliance, maintaining client relationships.

Project value £5000 - £12m

## JD Cooper, 1990 – 1995

Completed a 5 year electrical apprenticeship.

# Qualification’s and Training

* Corporate member of the Chartered Institute of Building Service Engineers
* Currently obtaining CEng status (technical report route through CIBSE)
* NEC 3/4 ECC – PST/Faithful & Gould 2017
* Introduction to BIM – PST 2016
* APMP – Project Management Professional – JLR - Warwick University, 2014
* Introduction to Auto C.A.D – JLR, 2013
* Asbestos Awareness - JLR, 2013
* Legionella Awareness - JLR, 2013
* ABB Sub-station Awareness – JLR 2013
* Site Safety Supervisor Certificate – Level 3 - Construction Skills, Cannock Chase, 2009
* City and Guilds BS 7671 17th Edition Update – Level 3 - Stourbridge College, 2011
* Electrotechnical Services – NVQ Level 4 - Stourbridge College, 2002-2003
* City and Guilds 2360 16th Edition – Level 1/2 - Stourbridge College, 1990 -1994
* JIB - ECS Managers Card
* CSCS Card Holder