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CONSTRUCTION CIVIL ENGINEER / AUDITOR

◆ Project Management, Quality Management ◆

Accomplished in all aspects of the construction process, commercial functions and optimizing team potentials. Possessing over 10 years experience in managing staff and completing significant civil engineering projects in the UK. These have included major projects for the: East London Line; M25 Motorway Widening; Refurbishment of London Underground stations and various other civil works including a telecommunication project and a major renovation of a commercial building. I am now looking to make a continued significant contribution within a similar major project.

PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS

AUDITOR

Jun 10 - Present

Project: Highway Infrastructure; M25 Widening – section 1 from J16 to 23 /

Employer: Balfour Beatty Civil Engineering.

- Planning internal audits and regularly monitoring the main road conditions.
- Analysing outstanding material applications, planning and monitoring their approval.
- Carrying out thorough Quality Record Audits.

COORDINATION MANAGER

Dec 07 – Jun 10

Project: East London Line / Employer: Balfour Beatty Civil Engineering.

- Oversaw the design and execution of civil and building works.
- Carried out site inspections for clarifying and detailing the work's scope, plus condition surveys of residual assets and designed remediation works.
- Sourced approvals from Local Councils for enabling works.
- Planned, controlled and reported on repairs of 100 civil structures.
- Solving technical problem for securing concrete elements during installation.

SITE MANAGER

Jan 05 – Dec 07

Project: Metronet 7.5 year programme for refurbishment of London underground stations /

Employer: Balfour Beatty Civil Engineering.

- Site Mobilisation and daily operations management. Control Quality and Programme for multiple disciplines.
- Ensure the Construction paper work, procedures, permits and records are in place.
- Complete refurbishment of two stations, one of them is with heritage status.
- Liaise with LU on daily bases to ensure safe and non-interrupted opening of the stations for the public.
- Prepare calculations for a steel roof structural for an equipment room.
- Work to higher quality and safety standards.

IMPLEMENTATION MANAGER

Feb 02 – Jan 05

Project: Telecommunications / Employer: Leadcom Integrated solutions

- Briefed the Telecommunication Team on the construction process and practices, types of steel structures, equipment shelters, access roads and power supply.
- Carried out technical site surveys and made feasibility judgments, selected structures and provided construction costs. Iterate solutions with designers and acquisition contractors until achieve Approval for Construction.
- Carried out regular Quality Checks on behalf of the Client.
- Extended the initial order from 16 to 60 telecommunication stations. Find technical solution for modification of steel structure for better flexibility and reduced long term cost. Join similar project in Ethiopia as a subcontractor of Nokia.

SITE ENGINEER

Jun 01 - Feb 02

Project: Building renovation of Office and Shopping Centre.

Employer: Inos-1 Ltd.

- Interface between Client and Designer for materials approval process. Control installation of services in respect of structural fixings, penetrations and Fire stopping. Supervise site works.
- Investigate an entire building for residual defects of Fire Precautions and agree remediation works.

CAREER FUNCTIONS

Engineering Knowledge:

- Industry standards and codes of practice: steel, concrete, timber and brick structures; lifting operations; covering, coating and protective treatment, finishing works, temporary works, earth works.
- Specialist knowledge: materials' specification, fire performance of materials, drawing with AutoCAD.
- Corporate/industry standards: London Underground, Network Rail, Specification for Highway Works.

Problem Solving examples:

- Modifying steel towers design for flexibility and long term cost reduction.
- Utilising soil nailing for securing pre-cast concrete elements during installation.

Construction Methods:

- Selection of steel structures and design brief for telecommunication sites.
- Author Method Statements for assembly and lifting of steel towers. Author and review Method Statements for building works. Author of technical diagrams to illustrate sequence of works.
- Investigating residual services, identifying and providing solutions for rectification.
- Condition surveys for remediation works.

Control of Performance and Resources:

- Managing multidisciplinary staff; Liaising with Quantity Surveyors and Planners; Summarising subcontractors' reports and preparing site progress reports.

Planning and Organisation:

- Coordinating and executing designs. Planning and overseeing maintenance and repairs; Mobilising, establishing sites and briefing subcontractors; Project Management standards.

Quality Management:

- Facilitating and monitoring approval process of Inspection and Test Plans (ITP).
- Author ITP.
- Carrying out Quality Checks on behalf of main contractors.
- Collating and checking handover documentation.
- On-site audits.

Control of Performance and Resources:

- Managing multidisciplinary staff; Liaising with Quantity Surveyors and Planners; Summarising subcontractors' reports and preparing site progress reports.

Communication:

- Liaison with Clients in respect of works scope, requirements and approvals; Liaison with Local Councils and Authorities regarding approvals and permits; Interface between contractors and designers.

Health & Safety:

- Awareness in CDM.
- Establishing site rules and enforcing safe systems of work.
- Working in 'live' environment with higher safety risks.
- Dealing with residual hazardous materials: lead and asbestos. Preparing risk assessments.

Environment and sustainability:

- Liaise with Environmental Advisor with regards to Section 61 application; Control on site Waste disposal

PROFESSIONAL DEVELOPMENT

Eur Ing	European Federation of National Engineering Associations	2006
MSc	University of Architecture Civil Engineering and Geodesy	2001
Diploma	College of North West London	1994

EXTENDED TECHNICAL AND IT OVERVIEW

- Wider computer knowledge: networking (Comptia certificate), programming - procedural and object oriented, two operating systems – Windows(NT Administration certificate) and Unix/Linux, use of most popular office suits, use of Autodesk products, Relational Databases, mathematical software.
- Awareness in modern computational methods and statistical tools: use of matlab.
- Creativeness: drawing talent and eye for preparing visual materials – diagrams, reports etc.

References available on request.