**SUBRATA ****

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**CIVIL ENGINEERING PROFILE**

*Cost-conscious and analytical with history of success optimizing quality and progress in fast-paced construction environments*

Achievements

Developed client relationship through sincere effort to achieve proper quality, progress and scheduled projects completion. Focussed on optimization of resource usage, organisation’s profitability, execute job ‘first-time-right’. Identified and advised Client suitable and economic options, opportunities for improving safety standards. Excel at completing projects accurately, on time and within budget. Possess ability to properly communicating, problem solving and building relationship-management skill.

***Areas of Expertise***

**I have more than 33 years’ professional experience (21 years in UAE) in Construction Management and Construction Supervision in the following fields.**

**Marine – Roads & Bridges - infrastructure - Oil & Gas - High-rise residential towers - Mega shopping complex - Major industrial projects.**

**PROFESSIONAL EXPERIENCE**

CH2M (Halcrow) May/2006-Present

Infrastructure Engineer – Dubai Canal Project, Dubai / RTA

The landmark project comprises of construction of high-end finish 4.0 Km long Boardwalk infrastructure works including installation of planters, paving tiles, utility works, signage, handrails on both side of canal.

Resident Engineer - Al Marjan Island development, Ras Al Khaima / Al Marjan Island

The project involved construction of 2.8 Km long crest wall and flood protection works including under-layer and armour rock revetment works, Construction of 500 meter long 40.0 mtr. wide flushing channel including rock revetment, construction of channel crossing including road diversion, piling and construction of new roads.

Resident Engineer - Ajman Port Container Terminal Refurbishment – Ajman Port & Customs / HAJT

The project included construction of a 130 m X 55 m X 18 m (H) temperature controlled warehouse, a 2-storied RC Dormitory building, Ancillary buildings and modification of existing 275 m X 175 m Container yard.

Resident Engineer - Lamprell Development, Hamriyah Free Zone, Sharjah / Lamprell

The project comprised of development and construction of 250,000 m2 ship yard repair facilities located in the inner harbor in Hamriyah Free Zone, Sharjah.

Resident Engineer - Desalination Plant capacity increase project, Dubai / Dubai Aluminium Company

The project covered construction of 26,000 m3 capacity additional sea-water basin including Civil and piping works.

Project Coordinator - Tilal Golf Resort, Ras Al Khaimah / EHDC

The project comprised of construction of Golf resort and facilities including Civil and structural steel works.

Resident Engineer - Dubai Marina Phase II, Dubai / EMAAR

The project involved construction of 900 mm thick diaphragm wall prior to construction of 4 nos. 4B + 4L car park + 20 storied towers.

Resident Engineer - Sharjah Arts Academy Phase III / University of Sharjah

Resident Engineer - Sharjah Cement Factory (expansion jobs) / Sharjah Cement Factory

Resident Engineer - Hamriya Free Zone Ammonia Plant Project / Greendom Petrochemicals

As Resident Engineer, I have performed following assignments:

* Contract administration and managing a site team of civil and MEP engineers.
* Coordination with client and main office design team and advise Client regarding progress of works and ways to mitigate delays.
* Monitoring construction progress, review of submittals (shop drawings, material submittals, technical queries etc.), certifying quantity of contractor’s interim valuation.
* Conduct weekly progress and safety meetings and preparation of monthly reports and minutes of meetings.
* Preparation of basic structural concrete foundation designs, detailing of block works and finishes etc., preparation and review of BOQ for Civil and structural items for multi-disciplinary structures.
* Coordination with local government authorities regarding Building permit, NOC and building completion certificates.

Robert Mathew Johnson-Marshal (RMJM) May/2004 – April/2006

Resident Engineer - Jumeirah Beach Residence, Sector 7, Dubai / Dubai Properties

The package included Design and Supervision of Civil, Architectural, MEP, Landscaping works for construction of 3 Nos. multistoried residential towers and podium. Responsibility included Co-ordination with main office design team, review of submittals, on-site inspection and testing, certifying quantity of contractor’s interim valuation, monitoring progress, attending progress co-ordination meeting, safety meeting, design co-ordination meeting, MEP progress meeting.

Higgs & Hill LLC July/2002 – April/2004

QA/QC Engineer - Jebel Ali Desalination Plant ‘L’ station, Dubai

PM/Consultants - FISIA ITALIMPIANTO / Lamyeher

The package included civil works for construction of Breakwater, Water intake channel, Trash rack and Outfall structure.

QA/QC Engineer - Bur Juman Centre Expansion Project, Dubai

PM /Consultants - Innotech / Dar Al Handasah

The package included finishing works to four level basement car parks (each floor having an area of approximately 20,000 m2) e.g. Blockwork, Plastering, Kerbstone installation, Painting, Traffic Coating, Fire rated doors and Iron mongaries, Steel Bollards, Corner Guards, Tile fixing, False Ceiling, Aluminium Partition works etc.

QA/QC Engineer - Construction of new staff villas for British Embassy, Dubai

Client /Consultants - British Embassy, Dubai

The project included construction of 6 nos. luxury villas including civil structural and finishing works. It was a column and beam framed structure with slope roof, hollow-core roof slabs and non-load bearing thermal insulated block walls. Finishes included Block work, Plastering, Floor Tile and Roof Tiling works and other interior decoration works.

My assignment included:

* Implementation of project QA system, coordination with main contractor for day to day site inspection and testing, material receiving inspection,
* Preparation of project specific QA/QC forms, Quality Plan, Method Statement and implementation of quality system as per specification requirement.

**Skanska Cementation International Ltd.** Feb/2001 – June/2002

Project QA Manager - Bur Juman Centre Expansion Project, Dubai

PM /Consultants - Innotech / Dar Al Handasah

The package included construction of 4 Basement (each floor having an area of approximately 20,000 m2) including Post-tensioning work, Water proofing, Hydro demolition works.

Responsibilities included preparation, implementation and monitoring of Project QA system to ensure the compliance with Contract Specification and Company Standard Procedures (prepared based on Quality Management System ISO 9000: 2000).

Preparation of Inspection and Test Plans (ITP), Work Procedures, Site specific Formats, Method Statement, issuing Non-conformance reports and following up for closing out NCR etc.

Carrying out Internal, External and follow-up audits of all departments, Subcontractors and Suppliers to verify compliance with Project specific Quality Plan.

Liaison with Consultant, Independent Testing Agency and Subcontractors regarding effective implementation of QA system, attending Internal meeting with Departmental Heads etc.

**Intermass Engineering & Contracting Co.** May/2000 – January/2001

QA/QC Engineer - Mega Mall Project, Sharjah

Client /Consultants - Projacs / W S Atkins

The project was construction of 2 Basements and 3 retail levels (each floor having an area of approximately 8,000 m2) shopping complex including Post- tensioning work, Water proofing, Finishing works (Blockwork, Plastering, Aluminium Partition works, Accoustic False Ceiling and other architectural finishes).

Campenon Bernard SGE & Six Construct Joint Venture April/1999 – April/2000

QA/QC Engineer - Abu Dhabi Trade Centre, Abu Dhabi

Client /Consultants - H.E. Sheikh Suroor / Cansult

The job included construction of Mega Shopping Complex consists of 3 Basements and 5 levels Retail Podiums (each floor having an area of approximately 12,000 m2).

**Arabtec, Dubai** Feb/1998 – March/1999

QA/QC Engineer - Al Maha Desert Resort

Client /Consultants - Emirates Airlines / S & P Consulting Engineers

The project was construction of 2-storied Reception Building & Pool Bar Building including Substructure, Superstructure & Finishing works.

**Philipp Holzmann & Balfour Beatty Joint Venture, Abu Dhabi** April/1997 – Jan/1998

QA/QC Engineer - Construction of New Zadco-Gasco Headquarters

Client /Consultants - ADNOC / DMJM

The job included construction of 2 nos. 20 storied towers and 3 storied Car Parks.

As QA/QC Engineer, my responsibility included:

* Preparation of Quality Plan, Method Statement and implementation of quality system as per specification requirement.
* Carrying out on-site inspection, testing and liaison with Consultants and Subcontractors regarding implementation of QA system, maintaining Quality System records and Documentations.
* Preparation of Inspection Test Plan (ITP’s), method statement and final construction Dossier in line with ISO 9002 Quality System and Procedures.

**Granite Construction Company, Abu Dhabi** March/1995 – March/1997

Construction Engineer - Construction of new Mess Sub-station at Bu Hasa

Client - ADCO

Construction Engineer - Additional works at Ruwais Refinery

Client – ADNOC

Construction Engineer - Construction of 7 nos. 33/11 KV Sub-Station at Liwa

Client /Consultants - W.E.D. (Water & Electricity Department)

Construction Engineer - North Gas Injection Project at Buhasa

Client /Consultants - Babcock Contractors Ltd, U.K. / ADCO

My assignment included:

* Supervision of construction activities including civil, Structural and high level finishing jobs e.g. Fire proof block work, Fire rated doors, Water proofing, Raised flooring, Suspended ceiling and Teak veneer wall paneling etc.,
* Correspondences with main contractor regarding Quality records, Documentations and handing over formalities.
* Preparation of QA/QC Documentation including ITPs, Non-Conformance Reports & Corrective Action Registers, initiates & executes all corrective actions.
* Liaison with Client regarding all aspects of Quality Control and preparation & submission of final dossier.

**IFB Industries Limited, India** Dec/1992 – Feb/1995

Assistant Manager (Projects) - High Rise Tower Construction

Client - State Bank of India

**Larsen & Toubro Ltd, ECC Const. Group, India** Oct/1988 – Nov/1992

Engineer (Civil) - 1.8 Million Ton per Year Capacity Cement Plant

Client /Consultants - L & T Cement

**Bridge & Roof Co. (India) Ltd., India** July/1983 – Sept/1988

Assistant Construction Engineer – 750 TPD Hetauda Cement Project, Nepal

Assistant Construction Engineer – LPG Project

Client /Consultants - Oil & Natural Gas Corporation (ONGC)

Assistant Construction Engineer – 8 x 10,000 M3 Crude Oil Storage tank Project

Client /Consultants - Oil & Natural Gas Corporation (ONGC)

Assistant Construction Engineer – Butwal Spinning Mill Project, Nepal

Client /Consultants - Government of Nepal

Supervision of construction activities related to cement project, Coal Mill Building, Gypsum Crusher house, Secondary Crusher, Blending & storage silos by slip form shuttering method, Pipe Sleepers including laying of 1500mm diameter Oil pipeline including Civil & Steel Structural works, Fabrication & Erection of 8 nos. 32m diameter, 14m high Floating Roof Crude Oil Steel Storage Tanks, Spinning Mill Building, Yarn Dyeing Building and Sub-station Building, Storm Water Pond, 65m high Stack Foundation and Weigh Bridge Platform.

Tendering, Project planning and Preparation of Invoices.

Personal details Date of Birth: 7th January 1962 Marital Status: Married

Nationality: Indian Driving License: Valid UAE DL

Educational

Qualification Degree: B. E. (Civil Engineering) Institution: NIT, Durgapur

Year of Passing: May, 1983 Class: 1st Class

Professional

Membership Member, Society of Engineers – UAE

Member, American Society of Civil Engineers (ASCE)

Member, Institution of Engineers (India), Chartered Engineer (India)

Professional

Course Internal Quality Management System Auditor (ISO 9000:2000) course by Bureau Veritas.

**Computer**

**Knowledge MS Excel, MS Word, MS Access, MS Project & Primavera (basic knowledge)**

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