

PANKAJ DEKA

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Aiming for challenging senior level assignments in Large Real Estate Urban Development / Mega Infrastructure projects

PERSONAL DOSSIER

Date of Birth : 30th April 1971
Current Address : Flat-44, Building 1582, Road -2118, Block 325, Manama, Kingdom of Bahrain
Permanent Address : -Harmony Lifestyles, Ghodbunder Road, Thane- 400601, Maharashtra, India
-House-23, Sibanath Gogoi path, Panjabari, Guwahati-37, Assam
Languages Known : English, Hindi, Arabic (basic), French (Basic), Assamese, Bengali
Passport Details : F 8673302; Valid Till 2017
Health Status : Non-Smoker with Excellent Health

PROFESSIONAL SNAPSHOT

- ⇒ A result oriented PMP certified Project Management professional offering **24 years** of cross-cultural experience in **Mega Real Estate Master Plan Development and large Infrastructure projects** in India, Oman, UAE and Bahrain.
- ⇒ **Expertise in Planning, Design, Construction, Project Management & Maintenance** of Multi-storied building works, Land Development, Township development, water front master plan development, major Highways & major Bridges, Hard Landscaping works, Utility works, MEP works and Marine works. Experience in Building works includes Commercial complexes, Residential multi-storied /High rise buildings, Luxury Residential Villas, Community Facility buildings, Large Cultural Auditoriums, Hospital building works, Hotel building works, Utility buildings, 66 KV/11KV Sub center buildings, Underground /Overhead Elevated Water Tanks/Foul Pumping stations etc. Well versed with latest International standard interior fit out /Finishing works. Major Highways including 6 Lane Expressways with Asphalt wearing course, Dense Bituminous Macadam, Wet Mix Macadam, Granular Sub base works & Sub grade works, major Bridges including Pre-stressed girder, Pre-stressed voided slab & box girder Bridges with Well foundations & Pile foundations and Minor Highway structures including RCC slab culverts, Hume pipe culverts, box culverts, Camel underpasses & Minor RCC bridges with raft foundations. Utilities including – Potable & Irrigation water Supply Distribution Networks, Gravity & Pressure Sewerage Networks, storm water Networks, Vacuum Sewerage Network & Vacuum Stations, Foul water & Irrigation Pumping Stations, Sewerage Treatment Plants, Electrical Mains & Substation Buildings (66 KV & 11 KV), Telephone Ducts & Chambers Installation and Basic Mechanical, Electrical, Plumbing, HVAC, Fire detection and Fire protection installation works, Hard Landscaping works including driveways, walkways, Plazas, sports ground facilities, public Beach park etc., and Marine works including Dredging & Reclamation works, Rock revetment works, Quay wall constructions, Concrete jetty works, Slip ways, Lagoon Construction and break waters etc.
- ⇒ Adept in planning, executing and spearheading projects involving engineering, resource planning, budgeting, project progress tracking, negotiations, arbitration, contractual management, tendering and documentation.
- ⇒ Involved in Conceptualize, Finalize and Development Plans, Master planning & Design developments, Develop Cost Budgets and Fund flow requirements, develop project specification and Bid documents, Award of Contract & Contract management, Value Engineering, Project schedule & Planning of time & Resources, Vendor selection & management, Monitoring Progress, Approval from Local Authorities and Statutory Bodies, Reporting to Top management, identifying internal resources, identifying risks, to ensure Project is executed & delivered within the time setline & meet the highest Quality standard.
- ⇒ Over all responsible for Planning & Implementation of Quality, Health, Safety & Environment of different projects. Completed IRCA certified Lead Auditor course (ISO 9001) from BSI Management System, UK. Responsible for periodic Internal Quality & Safety Audit of different Atkins projects (High Rise buildings, Roads/Bridges & other Infrastructure projects) in Bahrain and reports to QSHE Head.
- ⇒ Verifiable track record for the successful completion of Multi-Crores Dollars projects through developing partnerships, building a positive rapport with architects, engineers, vendors & clients and maintaining costs.
- ⇒ Flair for adopting modern construction methodologies / techniques in compliance with International quality standards. Well versed with the developments in international construction as well as international quality standards.
- ⇒ Well versed with various latest engineering tools, techniques and standards; in-depth knowledge of modern construction techniques and modern equipment's & machinery.
- ⇒ Strong leadership, planning, coordination, negotiation & interpersonal skills with demonstrated success at relationship building and cross functional coordination.
- ⇒ High level of integrity, drive and result oriented. Ability to work under extreme pressure and deadlines.

CORE COMPETENCIES

Project Management

- Responsible & involved for Overall Project Management – Concept Design, Detailed Design, Value engineering, Cost Estimates, Teding, Vendor management, Project planning & schedules, Commencement of project, Cost & Time management, Quality & Safety management, Contract Management, Vendor Management, Execution of works as per drawings & Specifications, As Built Drawings & Operation Maintenance Manual, Handing over of works, Defect Liability Certificates, Completion of Project etc.
- Preparing the Project budgets and schedules; implementing various value engineering and cost control measures during

various stages of the project thereby achieving cost and time benefits. Review of project progress.

- Working in close coordination with Consultants, Contractors and clients for gathering insight on design details; also coordinating with Utility Services like Electrical, HVAC, Fire Systems, IBMS, Plumbing, etc.; obtaining statutory approval from Municipality and Govt. Agencies.
- Preparing monthly progress reports; conducting progress review meetings with internal engineering, Contractor, consultant & procurement groups.
- Project risk assessments and to assist in mitigating risks & issues.

Design Management

- Involved in Concept Design, Detailed design, Design review of Infrastructure & building works of large master Plan Development projects. Co-ordinates with Design section and External Design Consultants for Design related issues.

Site & Construction Management / Resource Planning

- Planning & budgeting, preparing the Master Schedule and different histograms. Finalizing the construction methodologies for each project.
- Anchoring on-site construction activities to ensure completion of project within the time & cost parameters; inspecting site for Civil, mechanical, electrical & plumbing works and air-conditioning systems.
- Planning and allocating manpower, equipment's & material and controlling inventory; undertaking site investigation and estimating cost; checking the work for conformance to the construction criteria.
- Obtaining samples of Soil & Rock at different depths across sites; testing samples to determine strength, compressibility and other factors that affect the behavior of Soil & Rock when a structure is imposed and determining the safe loading.

Contracts Administration & Management/Cost Management

- **Pre Contract work**-Preparing technical & commercial proposals and handling tender/contracts and negotiations.
Preparation of Contracts/Purchase orders as per scope of works, selection of Vendors/Contractors for different works. To develop & maintain relationship with key Vendors & Contractors.
Handling procurement, inviting quotations and stacking/storing raw materials to ensure uninterrupted supply; liaising with Sub-contractors to ensure the interrelated activities for smooth progress of work.
- **Post Contract work**-Controlling the contract in terms of deviations at execution stage. Estimation, Analysis of rates, Tender preparation, Cost forecast, Cash flow analysis, Project budget/cost control, preparation of Contract documents, Valuation-Certification of payment works, Variation order etc.
Well versed with FIDIC Conditions of Contract.

Quality Assurance/Quality Control

- Maintaining and controlling Project quality standards as per given specifications; examining & verifying the methodology for a particular operation and maintaining all quality records, MIS pertaining to QA/QC.
- Process Contract drawings & Specifications and to ensure that works are carried out in accordance with these documents.
- Overall responsible for Project Quality ,Quality records, preparation & Implementation of project Quality Management Plan align with ISO:9001-2000 requirements, corrective improvement & prevention measure, Identification of Borrow Areas and Quarries, Material approvals, Testing of Materials, Analysis of Test Results and their Interpretation, Quality assurance & Quality Control of Materials and Completed Works, Calibration Of Laboratory Testing Equipment and Concrete and Asphalt Batch Mix Plants, Quality Monitoring of Crusher Plant, Concrete and Asphalt Batch Mix Plants.
- Preparation & Approval of Method Statements, Internal Test Plan (ITP), Check lists, construction Quality plan and Work Programmed, Design of Bituminous and Concrete Mixes, Recommendation for Acceptance or Rejection of Materials or Any Part of Completed Works, Issuing Site Instruction, issue of Non Conform Reports (NCR's) etc., Quality and safety internal & external Audits, QA/QC meeting with Contractor, Continual improvement of Quality etc.
- Well versed with British Standards, AASHTO standards, Indian standards (IS codes, IRC codes, MORTH specification, CPWD, PWD specifications & standards) and Middle East standards (As per Ministry of Buildings, Roads, Sewerage, Potable & Irrigation water, Electrical Directorate etc.-Oman, UAE & Bahrain Ministry).
- Checking finished activities on daily basis and conducting technical audits at site; inspecting and monitoring the activities for maintaining the required quality norms; verifying materials quality received at site. Carry out Final Inspection and handing over of works

Health, Safety & Environment (HSE)

- Ensure that Contractor has adequately planned to execute the works in a safe manner. Ensure that health, safety, environmental measures on site are adequate. Conduct and document weekly or monthly HSE tours. Advise the Contractor on items are found to be substandard in respect to HSE.
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SELECTED EXPERIENCE

Since March, 2015 working with Dar SSH International Engineering Consultant, Bahrain as Resident Engineer

Project

1. Construction and Maintenance of Primary Infrastructure works including Primary roads, Hard landscaping, Storm, Sewer, Potable, Irrigation, Electrical, Telecom, Utility building works and Street Lightings on island 13 and 14 at Al Madina Al Shamalia
2. Design and Construction of Vehicular Bridge and Pedestrian Bridge between Island 13 and 14 at Al Madina Al Shamaliya.-Post tensioned voided slab Vehicular Bridge of 108 meter length and Post Tensioned Box Girder Pedestrian Bridge of 108 Metre Length.
3. Design and Supervision of Secondary Infrastructure , Irrigation tank and Pumping stations, Substations and Utility building works of Asset 13A , Diyar Al Muharraq

Client : Ministry of Housing, Strategic Projects, Bahrain
: Diyar Al Muharraq
Role : **Resident Engineer /Project Head**
Reporting to : Operation Manager

Responsible for Design review, Project management, Contract management/Administration, Quality Assurance & quality Control, HSE management, Progress monitoring, Cost management, Cost/Budget control, Valuation, preparation of Tender documents ,Comparison of tenders ,coordination of Interface issues with other Contracts-Microtunnelling Contracts and Housing Contracts under Ministry of Housing ,liaisoning with Statutory Authorities, construction supervision of the works utilizing the SSH site inspection team & to ensure that all part of the works are constructed in accordance with Drawings & Specifications , Review of drawings prior to issue to contractor, Design change of roads, Bridges, Buildings, storm water & foul water networks as per site condition, Estimation works, Cost forecast, Approval of Planning works, Rate analysis, Checking of all Major Structural Elements prior to covering, Checking & Approval of Contractor's Method of Statement, Approval & Implementation of Checklists & ITPs,Checking of Shop Drawings, Drafting Site Instructions, Assisting Engineer's Representative in responding to Site Queries/Request for Information's from the Contractor, keeping detailed records of Progress, Project Monthly Reports & Completion of QA documentations, Approval of Contractor's AS BUILT drawing and Operation & Maintenance Manuals, issue of Taking Over Certificates & End of defect liability period certificates,Liasion with client & local Authorities , QA QC Audit of contractor's works & to ensure that Health ,Safety & Environment requirements are Complied with.

Jan, 2013 –October, 2014 worked with Lulu Tourism Company (JV between Al Mouwad Real Estate Group & Bahrain Government)-(Master Developer for Reef Island Project, Bahrain) -Projects Manager /Project Director-EPC division

Project Executed

Title: Reef Island Project, Bahrain is a US \$2.0 Billion master plan water front mixed used Development includes Business, Hotel, Retail & Residential areas, all designed to create a coherent and integrate Community. Area of the Township-167 Acre (approx.)

Role : Projects Manager (Client's Representative)-EPC division

Reporting to- Chairman ,Reef Island/Director-Projects

Responsibilities : Responsible for Design review & approval, Preparation of Contract & Specification for different projects, Project cost budgets, Selection of Contractors & Vendors, selection & co-ordination with External Consultants, Liaison with different Authorities-Municipality, Electricity and water Authority, Batelco etc,Liasion with Internal departments-Legal, Marketing ,Facility Management, Accounts, HR etc. .Project management, Contract management, Quality Assurance & quality Control, HSE management, Progress monitoring, Cost/Budget control, Valuation, construction supervision of all activities of numerous Residential Multistoried Buildings and Luxury Villa Construction Contracts of the large township.

At present Responsible for following Buildings & Infrastructure Contracts in the Township:

High rise Building works (Amber Building): The Building is constructed with High class International standards finishing works .Total Built up area of the High rise building(G+9) is 1.5 Million sq ft,each apartment size varies from 1500 sqft to 3000 sqft Pent Houses. Curtain walls/ Glass claddings, Aluminum composite panels, Granite stone claddings are being used in the building. Number of units/Flats delivered-36.

Third Party Developers-Responsible for the approval of drawings as per the Master Plan, issue of No objection certificates , supervision/monitor of the execution of the High rise buildings (G+8 to G+ 51)& Residential Villas by third party developers as per norms & regulation of the Master Developer.

Liaison with Municipality for the approval of the drawings, Building permits, modification of the Master Plan etc. Responsible to ensure that all projects are constructed as per the Master Plan.

Luxury Villas: Area of Residential Luxury Villas-8630 sqft (5 bed rooms) includes teak wood wooden deck terraces, a gozebo, and artistic water features, one swimming pool tiled in Mosaic and surrounded by sun deck.

On the interior of the buildings/Villas, marble flooring is used in living spaces; parquet flooring is used in the bed rooms.

Lagoon Beach & Marina works: construction of the Lagoon Beach (Total surface area of lagoon-72000 sqm, Beach area-30,000 sqm With a Floating Restaurant in middle)-Beach works, Restaurant works, Quay Walls, Jetty, Slipway construction etc.

Club House & Banquet Halls: pre Contract works-Tender /Contract preparation, Liaison with Consultants, drawings reviews, award of Contracts (Total Built up Area-30,000 sqm, Value-10 Million Bahraini Dinar) ; Execution stage-Structural works ongoing (G+4 with Basement Parking);

Ten Villas Projects-Value Bahraini Dinar 2 Million, 10 number Luxury Villas of Built up area each 400 sum; Structural & Civil works in progress

Five star Resort projects – responsible for Civil/structural /finishing works of the remaining works.

Staff & workers Accommodation works: Single storey Accommodation works with Kitchen /Dining Facility (Total area-2000 sqm) with all utility works.

Commercial Areas-Restaurants (French Resturants, Labanese Resturants, Italian Restuarants, Fish Market, Shisha shop, Fish Market, Cofee shop) - Interior fit out works & MEP works

Up gradation of the Sewerage Treatment Plant (MBR & FMR type)-Capacity-3000 cum per day

Up gradation of the Vacuum Sewerage Stations

Facility Management-Responsible for Maintenance works of the Island for road, Buildings, Landscaping, all services as required on daily basis through Team of Facility Management.

Overall responsible for execution of Civil,Architectural,Finishing,Electrical,Mechanical,Plumbing,HVAC,BMS system,Lift,Cradles,Fire detection & Protection works etc. of the Projects through Sub Contractors.

Since Sept, 2006 to January, 2013- with WS Atkins, Bahrain as Resident Engineer

Project Executed

Title: Bahrain Bay Development Project, Bahrain Bay is a US \$4.0 Billion master plan water front development which forms a Man made island in the Persian Gulf connected to the city Manama by two road Bridges. The mixed Development includes Business, Retail & Residential areas, all designed to create a coherent and integrate Community. Total land area of the development is 450,000 sqm and total gross floor area is 1.45 million sqm.

Client : Bahrain Bay development

Role : **Resident Engineer**

Reporting to- Senior Resident Engineer/Site Operation Manager

Responsibilities : Responsible for Design review, Project management, Contract management, Quality Assurance & quality Control, HSE management, Progress monitoring, Cost/Budget control, Valuation, construction supervision of all activities of the building works & Infrastructure development of the large Man made Island international Standard water front mega Township development.

Building works includes a large Bank Head Quarter building with all amenities of 4850 Sq m building plinth area and 39900 Sq m site areas. The building structure consists of two structures, an Office Tower with basement Parking Garage and a Mosque. The office block is a total of 6 stories above grade (excluding the mechanical penthouse) with a height of approximately 41m and total area of about 40,000m².the parking Garage is approximately 20,450m²and has the capacity to contain about 525 passengers cars. Construction is a hybrid of concrete and composite. The mosque is a two level structure with approximately 750m² situated within landscape and framed by a perimeter sky light. Responsible for all Civil /Structural works, Interior Finishing works and MEP works (Plumbing works, Fire Detection & Protection works,HVAC works and Electrical works).The Building were constructed with Glass Cladding walls/Curtain Walls, Aluminum composite Panels, Parquet /Granite/Marble floorings, gypsum ceilings, Acrylic Emulsion paintings, International standard sanitary fittings etc.

The Infrastructure works includes three numbers Post tensioned Box girder major Bridges (Total length -120 m,span -40 m,PTFE type bearings, Elastomeric & Metal combined Expansion joint, Rapid curing & liquid spray deck water proof membrane, Special coat painting on exposed concrete surfaces, installation of utilities on the Bridges –Electrical HV & LV cables, Telecom ducts, Potable ,Irrigation & Sewerage line)over RCC bored Pile foundations (Pile diameter -1.2 m,length-20 m) over Sea bed, Quay Wall ,Rock revetments, Beach works, Asphalt road works as per Ministry of Road ,Bahrain standard(4 Lane & 2 Lanes with Asphalt wearing course, Asphalt base course, Sub base & Sub grade materials)), storm water networks(PVC /GRP pipes 200mm to 900 mm diameter, Manhole up to 6 m depth), foul water networks(Gravity line with PVC/GRP pipes 200mm to 900 mm Diameter ,Pressure line GRP pipes up to 350mm diameter, Manhole up to 7 m depth), irrigation networks(HDPE pipe 150 mm diameter with Butterfly/Gate Valves/Air Valves), potable water networks(HDPE pipes 150 to 350mm diameter with Gate/Butterfly/Air Valves ,Fire Hydrants)& Telecom networks (4 way 100mm

PVC ducts with chambers) ,11 KV & LV cable laying ,2 nos 66 KV Primary Sub station building works & five nos 11 KV substation buildings, Fire protection and Fire detection works,HVAC works,2 nos Foul Water underground pumping stations & 2 nos Fire & Potable underground water tanks(Capacity 6000 Cum),structural steel works including fabrication and erection of steel for the water tanks & the building structures.

Title: Water Reservoirs & Pumping Stations at Bahrain Financial Harbour, Bahrain - The objective of the project is to establish a Water Distribution Station (WDS) for the developments of Bahrain Financial Harbour, Lulu Island (now called Reef Island), Al Futtaim (City Centre) Mall, Bahrain Bay Development and potentially for other future developments, yet to be conceived. The water storage on the site was in an underground reinforced concrete service reservoir with a capacity of about 23 million litres with a pumping station delivering water, into an elevated steel tank with a capacity of about 6 million litres. The elevated reservoir is an iconic 'fluted' shape. The station was connected to the Central Water Control Centre at Umm Al Hassam by SCADA / telecom system utilising the existing fibre optics network .It was an EPC Contract.

Client : Electricity and Water Authority (Ministry of Electricity & water), Bahrain
Role : Resident Engineer /Project Head

Project was completed & handed over to Client. Was responsible for Design review, Project management, Contract management, Quality Assurance & quality Control, HSE management, Progress monitoring, Cost/Budget control, Valuation, construction supervision of all activities of the water station. The works included RCC pile works, raft foundation,RCC structures ,structural steel works (welding, fabrication & erection of the overhead water tank of 48 m height, painting etc.) ,MEP works, DI pipe works, roads etc.

Project Executed

Title : Durrat Al Bahrain Resort Project, Bahrain a high value Resort Project involves in Construction of 13 Manmade Offshore Islands on a plot of 25 sq.km.It will host 2000 beautiful Residential Villas, 3600 executive apartments and Offices, Luxury Hotels & Spas, Parks & premiere retail Malls and restaurants, a 400 berth Marina and 18 hole championship Golf course. ATKINS is responsible for the Design, Construction Supervision & project management of all the Infrastructures & Building works including roads, Bridges, reclamation works, Marine Structures, Utility Services, Landscaping and 2000 villas /Community Centre buildings & other amenities.

Client : Durrat AL Khaleej of Bahrain (DKAB)

Responsible for Design review, Project management, Contract management, Quality Assurance & quality Control, HSE management, Progress monitoring, Cost/Budget control, Valuation, construction supervision of all activities of the Bridges, Infrastructure Works, buildings & Marine works.

Bridge, Buildings & Infrastructure works includes:

- Residential/Community Facility building works-Commercial complexes, Residential Villa construction work, club houses etc., sports ground facilities and public Beach & park facilities at each Island.

The Residential spacious Villas are constructed on a plot size of 740/1000 sqm with rear Sea views ,a private garden with Swimming pool provided on the rear side of the plot, the front side being dedicated to Villa entrance, garage, services access, front garden etc. Number of Villas delivered-120 numbers

The Residential Villas/Community center buildings/Commercial complexes are constructed with International standards- External glazings,External paints with smooth & textured emulsion paint, Metal works –high quality finished Aluminum section windows, External doors –Quality finished Aluminum section with fully glazed shutters,40mm thick painted semi solid doors; Internal finishes- floors with ceramic /Marble tiles, Ceiling with skimmed & painted gypsum boards, walls – plastered ,skimmed & painted and skirting with Ceramic/Marble tiles.

- Construction supervision of 13 numbers Pre stressed voided slab Bridges (Pre-cast pre stressed voided deck slab) with RCC pile foundations(diameter 1 m,Length 25 m) over Sea bed (Maximum Length of the Bridge -500 m, Maximum Span-70 m,Elastomeric bearing, Asphalt plug joints, Deck water proof membrane) connecting the man made islands
- Involved in Design works of roads, Buildings, Storm Drainage Networks, Waste water drainage Networks and Potable water Networks. Responsible for approval of Shop drawings as per site conditions /bar bending schedules for structure works.
- Installation of water Supply Distribution Network including Ductile Iron Pipe laying of dia 150 mm to 600 mm & construction of chambers -Sluice valves,Washouts,Gate valves & Butterfly valves. (As per Ministry of Electricity & Water directorate, WDD, Bahrain).
- Installation of Foul Sewerage networks –Gravity lines of 150 mm dia PVC pipes, Pressure lines of 150 mm to 400 mm dia GRP pipes & construction of chambers – Access chambers, Washouts and construction of Foul water Pumping station. (As per Ministry of Works, Powers & Water, Road & Sewerage Directorate ,Bahrain)
- Vacuum Sewerage networks including lying of HDPE pipes with Electro fusion welding joints, installation of Vacuum chambers & construction of Vacuum Station building.
- Installation of irrigation water Network including laying of HDPE Pipes of dia 200mm to 500 mm dia with butt weld joints ,construction of chambers- Sluice valves,Washouts,Gate valves & Butterfly valves & construction of Irrigation water pumping station,
- Lying of Electrical Mains, Construction of Electrical Substation & Switching station Buildings. (As per Ministry of Electricity & Water directorate, EDD, Bahrain).
- Installation of Telecom PVC Ducts of 96 mm & 38 mm dia and Junction box Chambers (JB 23, JRC 4, JRC 12 & JRC 14). (As per BATELCO ,Bahrain standard)

- Installation of Storm Water drainage networks including PVC Pipe lying of 300mm dia, Manhole constructions of 1500 mm dia with GRP liner & installation of gully chambers. (As per Ministry of Works, Powers & Water, Road & Sewerage Directorate ,Bahrain)
- Road & Hard Landscaping works including Asphalt roads (4 Lane road) & Paving Block Roads (Residential road), driveways, walkways & plazas .All roads are constructed as per Ministry of Works & Housings, Road Directorate, and Bahrain.
- Installation of Infiltration Gallery & Sea water intake pumping station

Marine works includes:

- Jaw jetty works includes Dredging & Reclamation, construction of Pre-cast concrete jetty works, break waters, Rock revetment works, slipways etc.
- Durrat Marina & Golf course works includes Dredging & Reclamation works of three man made islands , Monitoring testing & quality of rocks & quarries ,construction of Rock revetment works , quay wall (total height 7 m)constructions , Beach creation works. Total dredging & reclamation volume of works is about 3 million cubic meters. All testing of dredging & reclamation works such as Particle size distributions, Total suspended solids, Cone penetrometre testing (CPT), bore holes, settlement monitoring, surcharging etc. carried out & monitored as per specification. For Quay Wall construction pre-cast concrete blocks used.

Responsible for Concept Design, Design review, Project management, Contract management, Quality Assurance & quality Control, HSE management, Progress monitoring, Cost management, Cost/Budget control, Valuation, construction supervision of the works utilizing the ATKINS site inspection team & to ensure that all part of the works are constructed in accordance with Drawings & Specifications , Review of drawings prior to issue to contractor, Design of roads, Bridges,Buildings,storm water & foul water networks as per site condition, Estimation works, Cost forecast, Approval of Planning works, Rate analysis, Checking of all Major Structural Elements prior to covering, Checking & Approval of Contractor's Method of Statement, Approval & Implementation of Checklists & ITPs,Checking of Shop Drawings, Drafting Site Instructions, Assisting Senior Resident Engineer in responding to Site Queries/Request for Information's from the Contractor, keeping detailed records of Progress, Project Monthly Reports & Completion of QA Documentations, Approval of Contractor's AS BUILT drawing and Operation & Maintenance Manuals, issue of Taking Over Certificates & End of defect liability period certificates,Liasion with client & local Authorities , QA QC Audit of contractor's works & to ensure that Health ,Safety & Environment requirements are Complied with.

Additional responsibility as internal quality & Safety Auditor – Responsible for internal quality & safety audit of different Atkins projects in Bahrain & reports to Quality Health & Safety Head, Atkins Bahrain.

May'04 – Sep'06 worked with Halcrow International as Assistant Resident Engineer/Civil Engineer

Project Executed

Title : Al Qadisiah/AI Azra Area Foul Drainage, Sharjah, UAE
Client : Sharjah Municipality
Role : Assistant Resident Engineer / Civil Engineer
Reporting to : Resident Engineer

Scope Construction supervision of a foul drainage network system with pumping stations serving the existing and proposed plots to eventually discharge to Sharjah Sewerage Treatment Works. The objective is to construct a foul drainage system serving the existing and proposed plots to eventually discharge to Sharjah Sewerage Treatment Works. The works includes construction of following:

- PVC-U gravity line of dia 150mm to 400 mm
- GRP gravity line & Pressure line of 400mm to 600 mm
- Manholes with GRP liners of ID 1200/1500 mm
- Inspection Chambers
- Foul Water Pumping Station
- Reinstatement of Asphalt & Paving Block Roads.
- Micro Tunneling & Thrust Boring works.

Responsible for Inspection of Pipeline & Manhole Construction Works Testing of Materials & Compaction Test of Backfill Material & Different Pavement Layers, Also to monitor various tests conducted for gravity & Pressure lines like Mirror Test, Mandrel Test, Air Test, Pressure Test & Infiltration Test, Review & revise Design on site to match with existing site condition. Monitoring Contractor's Safety Performance & Providing Advice assist in preparation of Monthly Progress Reports, Final Inspection of Works, and issue of Taking over Certificates & Defect Liability Certificates. Preparation of project Quality Plan of Halcrow International, review of project Quality and Safety Plan ,Check lists,ITP,Method of Statement submitted by Contractor.

Project: Sharjah – Ras-Al-Khaimah Alternative Route Expressway Project

The Works includes construction of 62 km dual three lane road with four major Grade separated Intersections/Viaduct Bridges (Span -60 mX5,PTFE bearing, strip seal expansion joint)& 21 numbers of camel under passes. Responsible mainly for Reinforced Concrete Structural Works & Post tensioning & grouting works of four numbers Pre stressed Box Girder Bridges & 21 numbers Camel Underpasses.

Client: Ministry of Public works & buildings, united Arab Emirates

Responsibilities:

- To monitor quality of day-to-day site works .To supervise contractor's works at site especially responsible for Post tensioning works & Reinforced Concrete Structural Works including 4 numbers Pre stressed Box Girder Bridges & a no of Camel Underpasses.
- Approval of Bar Bending Schedule & Working Drawings submitted by Contractor.
- Review of Contractor's material approval, Design mixes etc.
- Overall responsible for Structure works including Bridges, Camel under passes.
- To monitor various Tests conducted at site & Field Laboratory for Road Works and Concrete Works. Responsible for Checking, Approval & Implementation of Contractor's Method of Statement, Checklists & ITP (Interim Test procedures) of the Project.
- To monitor contractors safety performance at site.
- To prepare snag list at the time of handing over of the projects

-Additional responsibility for weekly Quality & Safety audit of Contractor's work of selected Halcrow projects at Sharjah.

Since Jan, 98 –May, 04(Excluding June, 01-Dec, 02) working with Intercontinental Consultants & technocrats (ICT) pvt Ltd, India as senior manager (Highways/Bridges/Quality)

Projects:

- April 2002 - May 2004 Project: Construction Supervision of Four Lining and Strengthening of NH-2 Project from Agra to Etawah (World Bank Funded Golden Quadrilateral Project). The contract was based on FIDIC Conditions of Contract as per International Contract Bidding (ICB) procedures.
- Jan 2003 – April 2003 Project: Flyover from Arrival to Departure at Terminal two of Indira Gandhi International Airport, New Delhi - Independently responsible for Estimation of Quantity, Rate Analysis, Cost Estimate ,Preparation of BOQ, Preparation of Project specifications & Preparation of Contract Documents of IGI Airport flyover project.
- Jan 2001 – June 2001: Secondment to Louis Berger international Inc, USA Project: Construction Supervision Halol to Godhra Road, Gujarat State Highway Project, World Bank funded. The length of this road is 48 km.
- July 1998-Jan2001 Secondment to Kampsax- Hyder Joint Venture, Denmark Project: Construction supervision of Four Laning and Strengthening of NH-9 project from Nandigama to Vijayawada section in Andhra Pradesh (Asian development Bank Funded).
- Jan 1998 – Jul 1998 Project: Planning and Detailed Engineering of Roads (about 750 km) and more than 200 bridges in Assam (World Bank Funded) - Responsible for Conducting Soil and Subsoil Surveys and Identification of Borrow Areas, Material Survey and Identification of Quarry Sites, Laboratory Testing of Materials and Analysis of Test Results, Sub Soil Investigation for Roads and Foundations of Bridges, Etc.

Since Jun, 01 –Dec, 02 worked with Galfar Engineering & Contracting LLC, Muscat, Oman as Senior Project Engineer

Project: Construction of Alansab Cement Factory Road Project (with flexible pavement) included Eleven number of RCC box culverts.

Client : Muscat Municipality

- Responsible for Planning & Programming of Works, Allocation of Resources, Execution, Financial & Health & Safety Aspect of the Construction Works, Implementation of QA/QC programme. Was also responsible for liaison with client Muscat Municipality, Muscat for approval of various activities relating to the Project Road.

PRECEDING ASSIGNMENTS

Nov'96 – Dec'97 with Assam valley Construction, India as Project Engineer – Civil

Project: Construction of Sub centre Hospital Buildings, World Bank funded-13 numbers in Sibsagar, Jorhat and Dibrugargh district in Assam Client: Assam Area Project (IPP-IX)

Project: Construction of Multi-storeyed Residential Buildings(G+10 Storied), Three star Hotel construction works, Machine Foundation for Incinerator, Water Supply & Sewerage, Internal Roads and building of Jorhat Civil Hospital Client: Public work Department, Assam

Responsible for preparation of Tender Documents of various projects, Estimations, rate analysis, Execution of Multi-storeyed Building Works, Resource & manpower management, Liasoning with Clients, Vendor Management, Tendering, Billing, Quality Control, Financial Control, Project Budget, Cost Forecast, Cash flow & cost control, Progress & Timely Completion of the Projects.

Feb'94 – Nov'96 with Bass Forum, India as Assistant Engineer

Project: Responsible for execution of bored cast in situ RCC pile works & execution of Large ITA Cultural Auditorium Building works. Client: Indian Tea Associations (ITA). Responsible for execution of bored cast in situ RCC pile works, execution of large ITA Cultural Auditorium Building works and execution of residential multistoried buildings (G+7Storied), supervised construction of Hotel buildings (G+10 storied). Responsible for preparation of Tender Documents of various projects, Estimations, rate analysis, Execution of Roads & Multi-storeyed Building Works, Resource & manpower management, Liaisoning with Clients, Vendor management, Tendering, Billing, Quality Control, Financial Control, Project Budget, Cost Forecast, Cash flow & cost control, Progress & Timely Completion of the Projects.

SCHOLASTICS

- **Bachelor of Civil Engineering** from National Institute of Technology, Silchar in 1993.
- **Master of Civil Engineering** (Soil mechanics & Foundation Engineering) from Assam Engineering College, Gauhati University in 1997.
- **Project Management Professional (PMP) certification** from Project Management Institute, USA
- **Executive Professional Development Certificate in Project Management** from Indian Institute of Management, Rohtak
- **Post Graduate Diploma in Business Administration** from IMT, Ghaziabad (Pursuing)
- **Graduate Member, Institute of Civil Engineer, UK**
- **Member, Project Management Institutions ,USA**
- **Life Member, Indian Road Congress**

QUALITY AND SAFETY COURSES

- Completed IRCA certified Lead Auditor Course (ISO 9001) From BSI Management System, UK
- Completed Certificate Course in Construction site Safety, Basic & Advanced First Aid from Euro Safety, UK.

KNOWLEDGE OF COMPUTERS

MS OFFICE, PRIMAVERA P3, MS PROJECT, AUTOCAD, STAAD 3 (BASIC)

COUNTRIES OF WORK EXPERIENCES

India, Sultanate of Oman, United Arab Emirates, Kingdom of Bahrain