

CONSTRUCTION MANAGER-Utilities/Roads /Infrastructure

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CAREER SUMMARY

A seasoned PMP, P3O, RMP, UPDA, SCE, LEED AP BD+C and IOSH certified post-graduate engineering professional with nearly 13 years of experience in Utility, Drainage, Infrastructure, Roads, Tunnels, Bridges, Underpass, Airports, Substation, Pump Stations, piping networks, water treatment and management facilities, huge attenuation tanks, treatment chambers, Ponds, Culverts, Discharge Structures, Rising Main /Force Main, micro tunneling, Mass grading, Bulk earth works Projects.

I have successfully delivered multidisciplinary projects encompassing, over 110 Km of Foul Sewer, 95 km of Storm Water, water treatment, 50 km of TSE, 40 KM of Irrigation line, 100 km of Potable water line, 2 Pumpstation, 25 km of tunneling and 54 substations, 110 km of Roads and pavement: both as a contractor and PMCM consultant, demonstrating a strong track record in delivering projects ahead of schedule.

My expertise in the seamless integration of EPC management, site management, civil/mechanical construction management, testing commissioning and handing over, interface management and stakeholder engagements had always met beyond clients' expectations. My versatile expertise spans project planning, execution, monitoring, controlling, and handing over projects to prestigious clients, including NWC, SBF, AMANA, QIDDIYA, ASHGHAL, KAHRAMAA, CRA, QNBN.

ACADEMICS

- Masters in mechanical engineering (CAD/CAM), Anna University
- B.Tech (Mechanical Engineering), University of Kerala
- MBA (Production & Operations Management), Alagappa University
- Advanced Post-Graduation (Oil and Gas Engineering), EduQual-UK

CERTIFICATIONS/MEMBERSHIPS

- Saudi council of engineering **SCE- Mechanical Engineering Technologist** (989347).
- **PMP, RMP** from PMI.
- **P3O** Foundation & Practitioner by Axelos Peoplecert.
- **LEED green associate, LEED AP BD+C** by USGBC
- Diploma in PPM (Primavera P3, P6 - MSP).
- NDT ASNT Level II (PT, MPT, UT, RT).
- Diploma in Process Piping Design & Engineering (ASME B-31.3).
- Diploma in HVAC Design and Drafting.

PROJECTS SUMMARY

- King Abdulaziz Underpass Infrastructure-SBF, KSA (acting CONSTRUCTION MANAGER)-MAR 2024- till date
- Sports Boulevard Foundation- The PNU Internal Loop (BP6E), KSA (SENIOR ENGINEER)-MAR 2024-JUN 2024
- Uptown South Mass Grading Bulk Earthwork, KSA (CONSTRUCTION MANAGER) NOV 2023-FEB 2024
- Road & Infrastructure in Semaisma Package 02, QATAR (CONSTRUCTION MANAGER) JUN 2020 – NOV 2023
- Hamad International Airport western taxi way & stand development, QATAR (PROJECT ENGINEER) MAY -JUN 2020
- Road & Infrastructure in west of Al Meshaf P 04, QATAR (PROJECT ENGINEER) FEB 2013-JUN 2020
- Road & Infrastructure in west of Al Meshaf VORF 17, QATAR (PROJECT ENGINEER) AUG 2017-DEC 2018
- Road & Infrastructure in west of Al Meshaf P 03, QATAR (SITE ENGINEER) JUN 2015- AUG 2017
- Road & Building construction for Green valley luxury villas, India (PLANNING/SITE ENGINEER) MAY 2012- JUN 2015
- Road & Building construction for GMART Shopping complex, India (SITE ENGINEER) MAY 2012- JUN 2015
- Road & Building construction for Nippon Toyota Automobile show room, India (SITE ENGINEER) MAY 2012- JUN 2015

ACHIEVEMENTS

- Successfully commissioned Ground Water and Surface Water Pumpstation and 52 Substations.
- Successfully delivered massive Treatment Chambers, Attenuation Tanks, Chambers, Discharge Structures, Ponds, Culverts.
- Successfully delivered more than 110 Km of Foul Sewer, 95 km of Storm Water, 45 km of TSE, 40 KM of Irrigation line.
- Successfully delivered more than 90 km of Potable water line, 110 km of Roads and Pavements, 25km of micro tunnelling.

- Successfully delivered Rising/Force Main Pipes for surface water and Twin Rising Main for sewer.
- Accelerated project completion 4 months ahead of schedule.
- HSE Best Performer 2024 (01 million manhours without LTI)
- Best Safety Conscious Person, 2019 (02 million manhours without LTI)
- Best Contributor to Zero Harm Policy, 2016.
- Best Performer of the Year 2014

DUTIES AND RESPONSIBILITIES

- Successfully led multidisciplinary project teams of engineers and supervisors during the planning, design, and execution phases of utility /infrastructure projects, ensuring alignment with client objectives, regulatory requirements, and industry standards.
- Oversaw the construction activities (Mechanical, Civil/Structural) for excavation, pipe laying, testing of Utility, Pump Stations, piping networks, water treatment and management facilities, huge attenuation tanks, treatment chambers, washout chamber, flow meter chambers, distribution chambers, air valve chambers, isolation valve chambers, Ponds, Culverts, Discharge Structures, Rising Main /Force Main ,micro tunneling and regularly evaluated construction progress and made informed recommendations to maintain project timelines and budgets.
- Seamlessly integrated EPC management, site management, civil/mechanical construction management, rigorous testing and commissioning protocols, and comprehensive handover processes.
- Coordinated effectively with stakeholders, including clients, contractors, regulatory authorities, and consultants, to facilitate seamless communication and collaboration throughout the project lifecycle.
- Regularly evaluated construction progress and made informed recommendations to maintain project timelines and budgets.
- Provided technical oversight and guidance during construction activities, conducting regular site visits to monitor progress, quality, and compliance with engineering specifications.
- Implemented rigorous quality assurance and control measures, promptly identifying and addressing any deviations or discrepancies to uphold the highest standards of construction excellence.
- Reviewed engineering designs, drawings, and technical documentation prepared by internal and external teams, ensuring accuracy, feasibility, and compliance with project requirements.
- Offered technical support to project teams, resolving complex engineering issues and optimizing design solutions to enhance overall project performance.
- Supported contract management teams in reviewing claims and payment certificates.
- Identified, assessed, and mitigated project risks related to construction activities, safety hazards, and environmental impacts, implementing proactive measures to minimize potential disruptions and ensure a safe working environment.
- Ensured compliance with relevant health, safety, and environmental regulations, promoting a culture of safety awareness and accountability among all stakeholders.
- Cultivated strong relationships with clients, understanding their needs and proactively addressing concerns to enhance satisfaction and foster long-term partnerships.
- Developed specific goals and plans to prioritize, organize, and accomplish work on time.
- Estimated resource requirements, including quantities and costs, to ensure efficient project execution.
- Coordinated across various departments, including QA/QC, planning, procurement, and HSE, to ensure project objectives were met efficiently.
- Monitored compliance with applicable standards, practices, and policies throughout the project lifecycle.
- Performed ongoing quality control, reported on project status, and managed construction activities to meet budget goals and critical milestones.
- Ensured the effective implementation of company and client policies and procedures, including labor relations policies.

CURRENT WORK EXPERIENCE

Company: **WSP middle east, Riyadh, KSA**

Role: **CONSTRUCTION MANAGER**, Client: **(SBF) SPORTS BOULEVARD FOUNDATION**, (MAR 2024 – till date)

Project: **BP08-KING ABDULAZIZ UNDERPASS INFRASTRUCTURE-SBF**, Project value: **1,199,769,639 SAR**

PROJECT DETAILS 1: The objective of this bid package is to execute and provide at the current at-grade intersection between MBS Road and King Abdulaziz Road an underpass 380km that crosses under the existing metro station. The execution includes civil/structural/MEP and safety facilities like emergency exits, ventilation, firefighting systems, stormwater pump station, sanitary networks, potable water network, Treated Sewage Effluent (TSE), Irrigation, telecommunication, and lighting, adhering to local and international standards. Roads, bridges, wet and dry utilities, pavement soft and hardscaping.

Project: Sports Boulevard Foundation (SBF) - The PNU Internal Loop (BP6E)

PROJECT DETAILS 2: Sports Boulevard Foundation (SBF) - The PNU Internal Loop (BP6E) includes providing a route that allows for walking, cycling and equestrian sports. The Cycle track will be facilitated with way finding signage and street lighting. The PNU loop allows a space within the existing university corridor to cycle around. The route passes alongside the anticipated main attractors to allow for accessibility with the means of cycling. The project covers road network, cycling stations, cycle paths, equestrian, cycle interface with all associated access roads, parking, and pedestrian paths. approximately 22 km.

PAST WORK EXPERIENCE- I

Company: MASCO, Riyadh, KSA

Role: CONSTRUCTION MANAGER, Client: QIDDIYA INVESTMENT COMPANY, (NOV 2023– MAR 2024)

Project: Uptown South Mass Grading Bulk Earthwork Package, Project value: 208,000,000 SAR

PROJECT DETAILS: Bulk earth work and grading of upper plateau- excavation, haulage, crushing of 2500,000 cubic meters of earth and perimeter fence and new jersey barriers of 22km, including the access roads and gate.

PAST WORK EXPERIENCE- II

Company: Al Jaber & Partners Construction & Energy Projects WLL, QATAR

Role: CONSTRUCTION MANAGER, Client: ASHGHAL (June 2020 – Nov 2023)

Project: Road & Infrastructure in Semaisma Package 02, Project value: 320,000,000 QAR

PROJECT DETAILS: WET UTILITIES: Execution of FOUL SEWER (GRP, RC pipes, dia 200,400- 22 KM, STORM WATER networks including manholes, gully connections ,catch basins (300,400,500.600,700,800,1000,1200,140,1600,1800 mm GRP,RC,DI pipes-26 KM,TREATED SEWAGE EFFLUENT networks including valves, chambers, fittings and accessories (HDPE125, 180,250,315 mm pipes) -12 KM ,IRRIGATION networks including valves, chambers, fittings and accessories and cables. (UPVC 100,50mm) 12KM.POTABLE WATER and Firefighting networks including valves, chambers, and fittings (100,150,200,300,400 mm DI pipes) and house connections. 24 KM. MICRO TUNNELING: foul sewer line 4.8 km.DRY UTILITIES: CRA, ITS, MOI-SSD, UGN network including joint reinforcement chamber and ducts. Excavation and installation of street light foundation, ducts and cables LV/MV cables. ROAD & Pavement: main carriage way, arterial roads (22 km), interlock pavements (parking and shared paths) 40 km, Speed Humps /Speed Table, Roundabout and Traffic Islands. Construction of STROM WATER PUMP STATION, PONDS & OUT FALLS, RAISING MAINS.

PAST WORK EXPERIENCE- III

Company: InfraRoad Trading & Contracting Co. LLC, QATAR

Role: Project Engineer, Client: Hamad International Airport, Project value: 3,000,000,000 QAR

Project: Hamad International Airport (HIA EP 0012)-western taxi way and stand development

PROJECT DETAILS: The scope of works involves the construction of approximately 2 million square meters of airfield pavement including: taxiways, aircraft holding bays, runway connections, existing road tunnel – strengthening & extension, taxiway & road bridges, remote fully active aircraft parking stands including infrastructure, aircraft ground lighting, substations, utility diversions, perimeter security fence/systems and roads. and construction of utility systems, encompassing water supply, wastewater treatment, stormwater management, and electrical distribution, Pump Stations, piping networks, water treatment and management facilities, huge attenuation tanks, treatment chambers, washout chamber, flow meter chambers, distribution chambers, air valve chambers, isolation valve chambers, Ponds, Culverts, Discharge Structures, Rising Main /Force Main, micro tunneling.

PAST WORK EXPERIENCE- IV

Company: BIN OMRAN TRADING & CONTRACTING L.L.C (BOTC), QATAR

Role: Project Engineer, Client: ASHGHAL (Feb 2018 – June 2020)

Project: Road & Infrastructure in west of Al Meshaf P 04, Project value: 261,200,000 QAR

PROJECT DETAILS: WET UTILITIES: Execution of FOUL SEWER (GRP, HDPE, RC, VC pipes, dia 200,300,400,500,600,800 mm), STORM WATER networks including manholes and gully connections (300 mm VC, HDPE pipes, dia 315,560,800 mm SDR 17), TREATED SEWAGE EFFLUENT networks including valves, chambers, fittings, and accessories (200,400,600 mm GRP, HDPE125, 180,250,315 mm pipes), IRRIGATION networks including valves, chambers, fittings and accessories and cables. (UPVC 100,50mm). POTABLE WATER and Firefighting networks including valves, chambers, and fittings (100,150,200,300,600 mm DI pipes) and house connections. MICRO TUNNELING: foul sewer and ground water line 12km. DRY UTILITIES: CRA, ITS, MOI-SSD, UGN, QAF network including joint reinforcement chamber and ducts. Excavation and installation of street light foundation, ducts, and cables LV/MV cables. ROAD & PAVEMENT: main carriage way, arterial roads (22 km), interlock pavements (parking and shared paths) 12 km, Speed Humps /Speed Table /Speed Breakers.

PAST WORK EXPERIENCE- V, Company: (BOTC), QATAR

Role: **Project Engineer**, Client : ASHGHAL(Aug 2017- Dec 2018)

Project: **Road & Infrastructure in west of Al Meshaf P 03 extension VORF 17**, Project value: **128,200,000 QAR**

PROJECT DETAILS: WET UTILITIES :Execution of FOUL SEWER (GRP, HDPE, RC, VC pipes, dia 200 ,400, mm)- 8KM. STORM WATER networks including manholes and gully connections (300 mm VC, HDPE pipes, dia 315,560,SDR 17)-6 KM, TREATED SEWAGE EFFLUENT networks including valves, chambers, fittings and accessories (200,400,600 mm GRP, HDPE125, 180,250,315 mm pipes)-3 KM, IRRIGATION networks including valves, chambers, fittings and accessories and cables. (UPVC 100,50mm). POTABLE WATER and Firefighting networks including valves, chambers and fittings (100,150,200,300,600 mm DI pipes) and house connections- 4KM. Micro tunneling: foul sewer and ground water line 3 km.. DRY UTILITIES: CRA, ITS, MOI-SSD, UGN, QAF network including joint reinforcement chamber and ducts. Excavation and installation of street light foundation, ducts and cables LV/MV cables. ROAD & Pavement: main carriage way, arterial roads (22 km), interlock pavements (parking and shared paths) 8 km, cycle track -2KM, Speed Humps /Speed Table /Speed Breakers.

PAST WORK EXPERIENCE- VI, Company: (BOTC), QATAR

Role: **Site Engineer**, Client: ASHGAL, (June 2015- Aug 2017)

Project: **Road & Infrastructure in west of Al Meshaf P 03**, Project value: **518,600,000 QAR**

PROJECT DETAILS: WET UTILITIES: Execution of FOUL SEWER (GRP, HDPE, RC, VC pipes, dia 200,300,400,500,600,800 mm), STORM WATER networks including manholes and gully connections (300 mm VC, HDPE pipes, dia 315,560,800 SDR 17), TREATED SEWAGE EFFLUENT networks including valves, chambers, fittings and accessories (200,400,600 mm GRP, HDPE125, 180,250,315 mm pipes), IRRIGATION networks including valves, chambers, fittings and accessories and cables. (UPVC 100,50mm). POTABLE WATER and Firefighting networks including valves, chambers, and fittings (100,150,200,300,600 mm DI pipes) and house connections. Micro tunneling: foul sewer line 4 km.. DRY UTILITIES: CRA, ITS, MOI-SSD, UGN network including joint reinforcement chamber and ducts. Excavation and installation of street light foundation, ducts and cables LV/MV cables. ROAD & Pavement: main carriage way, arterial roads (45 km), interlock pavements (parking and shared paths) 87 km, SPEED HUMPS /SPEED TABLE /SPEED BREAKERS, ROUNDABOUT AND TRAFFIC ISLAND works. GROUND WATER pumping station and SUBSTATIONS.

PAST WORK EXPERIENCE- VII

Company: **Raja Builders & Developers**, Role: Planning /Site engineer (May 2012- June 2015)

PROJECT DETAILS:

Project #1 : **Green valley luxury villas** ,Client : **Acon Homes**, Project value: 7 Crore INR (1400000 USD)
Project details: Villas (2 BHK + 2BH, 11 Villas+ Park +landscaping + fountain + MEP works+ roads and pavement)
Project #2 : **Shopping complex** , Client : **G-Mart**, Project value : 4 Crore INR (800000 USD)
Project details: building (7 storied +lift +escalator + cellar parking+ MEP),
Project #3 : **Automobile show room** , Client : **Nippon Toyota**, Project value : 2 Crore INR (400000 USD)
Project details: building (1 Storied + landscape+ cellar car parking +glass facade+ MEP works pavement and road works)

IT Skills

Primavera (P3, P6), MSP, AutoCAD, ANSYS, FEMAP, Inventor, SolidWorks, MS-Office, Aconex