

**SHIVENDRA KUMAR AGARWAL**

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**Total Experience: 32 +Yrs. : International Experience: 12+Yrs**

**Current CTC: 65 L/A [Consultant] + F.F. A+ Vehicle : Position: Chief Resident Engineer/Tunnel Cons. Cum Geo-Tech**

**Expected CTC:80 L/A [Consultant]+ F.F.A+ Vehicle (N/A) Reporting Team size; directly [200] Nos.**

**Project cost: USD 400 Billion Notice: 30 Days/Negotiable. Date of Birth; 16.06.1967**

**Current location: Katra to Dharam section of USBRL Tunneling/ 61-91 DDC T-14 & T-15 Tunnel New BG Railway J&K**

**Top Management**

**Urban Infra-Tunneling/Railway/ Metro-Railway/ Mega High-rise / Expressway/NH/ Automated Township**

**Industrial Infra- Words Largest Refinery/ Oil & Gas/Power &Energy /Marine / Hydro /Solar**

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| ***Construction Management~ Project Management Business Development ~ Contract & Procure Management***    Full P&L responsibility, Leadership, Techno-commercial, Leading a large multi-discipline experienced engineering team for ensuring timely preparation of Technical, as well as Commercial aspects for various contracts/PO, received for execution & operation, Interfacing, operation, managing revenue of multiple mega Projects, Strategic and business planning for growth, operational performance, Head construction activities of multiple projects from start to finish, Manage Review, Cost & Effort Estimation, Selection/Approval of contractors/vendors for optimum utilization, resource planning, construction scheduling, supervision including quality assurance, monitoring progress, submission/certification of interim & final payment certificates, settlement of disputes, claims, goals, encouraging and maintaining high standards of HSE. Proven man and multi-project management skills Currently Associated as TL/ Chief Resident Engineer/Tunnel Construction cum Geo-Tech Expert with D2Consult International Gmbh-PEMS JV at IRCON International / Northern Railway project.  **Mission: Deliver defined project outputs on time, within budget, and with quality results**  **Team Leadership and Management:** As a Head, I will oversee a team of engineers and technical specialists responsible for reviewing and ensuring the quality of technical documents, reports, and deliverables  **Collaboration and Communication:** I will foster internal collaboration between the various regional teams, project teams, and other departments. Ensure clear communication regarding technical requirements, review findings, and any necessary revisions  **Strategic Planning and Development:** Involvement in developing and implementing strategies to improve the efficiency and effectiveness of the business function internally. Involve staying updated on industry best practices, adopting new technologies for document review, and identifying areas for improvement  **Job Responsibilities**: Making strategic decisions and providing leadership and direction to project managers to implement those decisions. Responsible for overall management of the projects including liaising with the donor, coordinating and leading partners, supervising project team members, and overseeing project implementation, financial and administrative oversight, reporting, and monitoring and evaluation of the projects.Devising cost-effective plans to enable effective project completion.Managing risks to avoid delays or reputational damage. Managing project Managers and allowing them to supervise and manage their teams. Coordinate and plan field assignments for project management activities; Responsible for one or more projects / one or more clients;Issue the documents and instructions for the project execution from the planning to the invoicing of the services;Plan and schedule the workload of field personnel, ensure that the assignment requirements are understood and met by field personnel;Assist field personnel in the execution of their assigned responsibilities;Evaluate field personnel performance;Ensure that all data entry into systems is performed under the agreed systems and procedures;Ensure that all assigned activities are executed following the Quality Management System;Support and participate in the organization’s environmental and safety program to conform to ISO 14001 and ISO 45001 requirements; Comply with HSE Policies, Procedures, and Guidelines;Responsible for waste disposal as per the guidelines of the organization;Be aware and understand the Quality Policy;Ensure that all assigned activities are executed following the QMS;Be aware of the quality of his own work and its impact on service delivery and contribute to the QMS improvement according to his role; Ensure services are supplied to requirements and within margin and project targets Cooperate with Business Development function in commercial activities up to order Intake;Arrange and attend meetings (both kick-off and periodical) with customers; Collect customers’ satisfaction and letter of reference at the end of the project; Review the invoice before submittal to submittal to the client to ensure Correctness.  **]Competencies**   * **PROMOTE SUSTAINABLE DEVELOPMENT** - Promote commitment by keeping promises as a Role Model * **MANAGE EMOTIONS** - Recognise one's and other's emotions and express and regulate one's reactions * **PIONEER CHANGE** - Actively embrace change and benefit from the new circumstances * **BUILD NETWO**RK - Forge trust relationships, across departments, and outside the organization * **MAKE EFFECTIVE DECISIONS** - Structure activities according to priorities, actions, resources, and constraints. * **ADDRESS THE WAY** - Have a big picture of different situations and reinterpret it in a perspective way * **THINK FORWARD** - Capitalise on experiences and translate them into action plans for the future * **CLIENT INTIMACY** - Embrace internal and external client needs, expectations, and requirements to ensure maximum satisfaction * **EARN TRUST** - Take everyone's opinion into account and remain open to diversity   **Key Tasks and Responsibilities:**  Construction and design, Supervision of NATM/TBM Tunnels, Major/Minor bridges, ROBs, RUBs, interchanges, culverts, VUPs, and PUPs for Major high way/Expressway projects, Viaduct construction for the Metro project, including launching of complex bridges by using modern construction equipment, Review of designs and drawings of all Major, Minor bridges, CD works, ROBs, interchanges, and RUBs from an execution point of view.Identifying problematic activities in advance, suggesting corrections, and generating rate GFC drawings.Day-to-day monitoring and implementation of approved methods of work at the site.Ensuring execution of works as per approved designs and drawings. Ensuring quality of work at the site as per standard practices.Ensuring adherence to safety standards at the site.Execution of project as per applicable laws, rules, policies, and guidelines. Review as-built drawings prepared by the Contractor. Review of the adequacy of the various geotechnical investigations. Review of the Detailed Feasibility and Engineering Report (DFER) prepared by the Design Consultant for the design standards and parameters adopted in technical specifications. Review of rehabilitation measures proposed by the concessionaire for existing structures.Review of identification of opportunities for optimizing the cost, without diluting the quality of materials and works.Reviewing the implementation schedule of construction of the project section submitted by the Contractor and taking corrective measures. Complete responsibility for the management of all phases of very large and complex EPFC, and EPC projects. Has bottom-line responsibility for the financial and technical success of the project. Review and approve project expenditures, costs, estimates, budgets, financial forecasts, and project schedules.  **Multidimensional Portfolio [Projects / Sites Worked at]**  **Oct’2021 to still Cont. D2 Consult. Gmbh-PEMS JV TL /Tunnel Const./CRE Cum Geo-Tech Expert (NATM)**  **J**an’2021 to Sep’2021 ICTAIAPL-JV LLP TL/RE Cum Tunnel Excavation Expert (NATM)  July 2018 to Jan 2021 Sai -Typsa JV DTL /TL[Interim]  Apr 2018 to July 2018 Alfara’a Infraprojects Pvt. Ltd Project Director [Operation]/CPM  Aug’2017 to Feb’2018 EGIS Consulting Engineers Pvt. Ltd. Chief Resident Engineer  Apr 2014 to March 2017 Reliance Industries Ltd RCP Mumbai Team Leader/PD  Dec’2011 to Apr’2014 Metrostroy-Era JV Project Manager/Team Leader  May 2009 to Dec 2011 Afcons Infrastructure Limited Chief Project Manager  Apr 2006 to May 2009 Dynamix Engineers Infratech Ltd GM-Projects/ Project Head  Mar’2004 to Apr’2006 Shriram Consolidated I Ltd GM-Projects  Jan’2001 to Oct’2004 KSHI Delhi Metro-JV Chief Project Manager  Jan’1990 toJan’2001 PUNJ Lloyd Ltd New Delhi Sr. DGM/Project Manager  **EDUCATION**  **Master of Business Administration [MBA-Ahmadabad: IIM-A 2000. [Regular]**  **M. Tech Structural Engineering – Specialized in Building Science and Technology (SUBJECTS – ADVANCE DESIGN OF CONCRETE STRUCTURE, EARTHQUAKE DESIGNING) from IIT Rourke in 1990 - [REGULAR]**  **B.E [Civil] -1988: MBM Engineering College Jodhpur Rajasthan][Regular]**  **Diploma In CIVIL Engineering 1985: Govt. Polytechnic Kota [Tech Board Rajasthan, Jodhpur] [Regular]**    **Advanced Technical Construction Training**  Program on LNG terminal & Process Plant: Enron Corp Dabhol Gujarat  Program on Pre-Stressed Concrete: KASHI METRO JV –DELHI  Program on Construction Management: IIM Ahmadabad  Program on Time Management/Finance Management: IIM Mumbai  Program on Health Safety and Environment: Alstom University London UK  Program on Visible Felt Leadership: DU Pont  Program on Hazard Identification &Risk Assessment: DU Pont  Job Safety Analysis & Safety Task Analysis& Safety Task Assignment: DU Pont   * Proficient in MS Office application /SAP module * Establishment of Unique Credentials – Track Works” in SBU – Transportation, in recognition of the valuable contributions made in the growth of Strategic Business Unit – Transportation   **Membership in International Professional Associations and Publications**:   * Fellow of the Institute of Engineers (India) * Member of the Indian Geotechnical Society * Member of Applied Mechanics Society (IIT- R) * Member of the American Society of Civil Engineers |

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| **Professional Synopsis** |

**1. Current Company: D2 Consult Gmbh -PEMS JV From 1.10.2021 to cont. Posted as TL/Chief Resident Engineer Cum Geo-Tech Expert**.{ **Detail Design Consultant & PMC**}[NATM]

**Reporting Manager**: **CGM/GM IRCON/Northern Railway** **Reporting Team size; Directly, indirectly 100 No’s**

**Project cost; USD400 Million. Position Held: TL/ Chief Residential Engineer/Tunnel Construction cum Geo-Tech Expert**

**Contractor: AGE PATEL JV Employer: IRCON International Limited**

**Client: Northern Railway**

**Project:** Detailed Design Consultancy, 3D monitoring, and Construction Supervision of Tunnel T-14 (Between Km. 70+651 to Km. 76+920) & T-15 (Between Km 77+019 to Km 86+848) and associated works in connection with the Construction of Katra to Dharam section of Udhampur-Srinagar-Baramulla New BG Railway Project (Package: USBRL/ 61-91 DDC T-14 & T-15)

**JOB ROLES**: Project Execution:P & L responsibility with associated commercial and financial accountability including revenue delivery, margin and overhead management, budget and forecast determination and attainment, risk and opportunity reviews, cost controls, accounts payable/billing, and cash collection

* Contributes to and reviews the project proposal and plan to determine the timeframe, procedures for accomplishing the project, staffing requirements, and allotment of available resources to various project phases. Contributes to setting project evaluation parameters
* Negotiates changes to project scope or specification with the customer. Follows the Change Management process to identify and approve modifications to scope, cost, schedule, and quality, Pursue and develop opportunities for innovation, such as digitalization and technology use, work share, and high-value engineering centers, to bring value to the customer.
* Establishes project procedures and leads production of a project execution plan including the scope of work, deliverables list, master schedule, budget, org charts, risk register, etc • Regularly reports project progress to senior management and the customer
* Responsible for delivery of agreed schedule and financial performance, proactively intervening to avoid slippage
* Ensures competence of project team members to carry out assigned work
* Leads ongoing focus on risk identification and mitigation during project execution
* Responsible for the project HSSE leadership, ensures a program of initiatives and auditing schedule is established and that HSSE and quality management issues are proactively addressed
* Guides and directs a multidiscipline project team, which may include external specialists and involve staff from multiple offices and sites.Responsible for ensuring project team members are competent to carry out assigned duties
* Promotes and sets up performance improvement culture and actions on complex projects and into their supply chains
* Facilitates the set up of information management systems/applications as applicable to suit various life phases of projects and manages information management, project team
* Participate in assurance activities and peer reviews

**Leadership**

* Is a champion and role model for ethical behavior and compliance with applicable laws and policies
* Oversees proposals and call-offs (may be individual projects) within the delegation of authority, ensuring compliance with contracting policy and standards of ethical conduct. • Coaches, mentors, and empowers others to make decisions within established parameters
* Coaches, mentors, and empowers others to make decisions within established parameters

 Deliver the project successfully. Following up on the Project strategy by the Management Board of the JV Steering Committee.

• Interface with the Employer. Be the reference of the whole team and lead by example. Represent the project in stakeholder, community, and client forums. Ensure the organizational structure is appropriate and functional for the various phases of the project.

• Ensure the right resources are provided at the right time. Ensure regular and effective communication between the project’s functional areas. Instigate effective reporting and control across the project, covering cost, time, and performance against the Project Objectives.

• Ensure the Management Team works as a team. Overall responsibility for management, coordination, and execution of all activities per project and plans. Establish a safe work environment and drive a culture of working safely throughout the project organization. Establish the project organization and delegate appropriate authority to each member of the project team.

• Continuously carry out a risk assessment of the project in conjunction with the Construction Manager, the Design Manager, as well as other involved parties. Responsible for the overall contact with the Client and his consultants and supervisors.

• Take care of the daily communication with the client's representatives, take care of the external communication, and ensure that the communication plan is prepared. Ensure that quality checks are carried out and documents examined before shipment to the Client.

• Ensure that an Audit plan is elaborated and executed Establish and maintain the time schedules of the total project in cooperation with the construction manager. Support the QHSE organization and make required resources available to ensure that tasks are being carried out and to ensure work environmental regulations are adhered to. Ensure that interfaces, both design and construction-wise, are defined and handled.

**Project Management Support:** Prepare and implement coordination procedures, Advise and assist in preparing the procedural system, and Interact with designated officers and staff regularly. Attend review meetings and be available to attend meetings and make use of MIS in carrying out its assignment Assist the Employer in coordination with different agencies, Prepare and implement project control procedures, implement document control procedures

**Contract Management Support:** Support preparation of correspondence to contractors, Manage claim control, Manage change control, and Issue the relevant certificates as may be required in the DB works contracts documents and available and cooperate to the full extent of familiarity with the DB contract during DAB meetings, arbitration proceedings, and other hearings held by the statutory and legal bodies.

**Programme Management:** Review a master project program, Review contractors' programs and associated progress, Monitor the overall construction schedule and evaluate the progress of overall construction work, recommend the countermeasures, and Direct the Contractor to take necessary steps to maintain the rate of progress of work. If the Contractor fails to achieve any of the Project Milestones, the PMC shall identify the causes of delays, and review the Program submitted by the Contractor. Identify the reason for the delay, review the project completion schedule, and assess compensation to the Contractor, if the works are suspended for reasons not attributable to the Contractor. Determination of the disposition of any time extensions requested by the Contractor with their reasonableness.

**Project Budget and Cost Management:** Review project budget and cost plan, Estimate overall project cost, Assess the financial position and project long-term financial statement. Certify all contract payments and satisfy in monitoring the same, Make fair and reasonable assessments of the payment requests by the Contract, and certification of full or partial payment, depending on its assessment of the Contract payment request. Determination of the disposition of any cost proposals submitted by the Contractor with their reasonableness.

**Communication Management:** Internal Communication, Communication with Clients, Communication with Contractors, Coordination with Clients, Coordination with respective HQs and divisions of Zonal Railways and Regional / Site Offices. Pay the most attention to close coordination with the Client in the performance of all services. Responsible for Inception Report, Daily Report, Weekly Progress Report, Monthly Progress Report, Quarterly Report, Completion Report, and Any Other Reports as sought by the Employer from time to time &Recommend acceptance or rejection of completed work, Verify the measurement of the quantity of work executed and check the payment certificate, Prepare integrated periodical reports

**Responsibilities: TL/Chief Resident Engineer Cum Geo-Tech Expert at project site throughout construction supervision services and oversee** construction supervision of the project stretch and shall coordinate with all other experts of the project. Shall be directly responsible for regulating the construction process. Assisted by Tunnel Engineers, Tunnel Lining Experts, and Expert and other support engineers/personnel. Deal directly with the tunnel engineers/experts and other support staff attached with close contact to ensure that the construction process is well controlled as per established specification controls to avoid later quality control stage problems. Review of tender design/drawings along with specifications for the procurement of civil-related components. Proof-checking geotechnical reports/data, providing the technical inputs for design, etc. Proof checks the technical civil works proposals, drawings of civil works such as structures, foundations, stations, tunnels, viaduct special spans, piers, casting yard, segmental girder inclusive of all enabling works, BG Railway Ballast less track, E & M Works Lining, NATM Mining, etc.  Ensure that the recommended design complies with tender requirements, enactments, codes, and regulations relevant to the Civil Works and has taken into consideration the construction methodologies, associated Temporary Works and Contractor’s Equipment, and available resources.  Any other roles and responsibilities required to be performed to complete the project and assigned by the CGM IRCON/NORTHERN INDIAN RAILWAY

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**2. ICT-AIAPL [Inter Continental Consultants & Technocrats Pvt Ltd.] from 17.01.2021 to 01.07.2021as** **TL/Resident Engineer Cum Excavation Expert {PMC}[NATM]**

**Reporting Manager: GM /NHIDCL Reporting Team size; Directly, indirectly 100 No’s**

**Project cost; USD700 Million. Position Held: TL/Residential Engineer cum Excavation Expert**

**Name of Contractor: Megha Engineering Infrastructures Ltd. Name of Client: NHIDCL**

**AUTHORITY ENGINEER: ICT AIAPL -JV Client: NHIDCL [National Highways & Infrastructures Development Construction Ltd.**

**Project Feature & Name-Consultancy services as Authority’s Engineer for Supervision of “Construction of (i) Connecting road from Z-Morh Tunnel (Two Tunnel 432 M,2400 M Tunnel]to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh”,**

**Roles and Responsibilities:** TL/RE at the project site throughout construction supervision services and oversee construction supervision of the project stretch and shall coordinate with all other experts of the project. Shall be directly responsible for regulating the construction process. Assisted by Tunnel Engineers, Tunnel Lining Experts, Tunnel ventilation Experts, and other support engineers/personnel. Deal directly with the tunnel engineers/experts and other support staff attached with close contact to ensure that the construction process is well controlled as per established specification controls to avoid later quality control stage problems. Review of tender design/drawings along with specifications for the procurement of civil-related components. Proof-checking geotechnical reports/data, providing the technical inputs for design, etc. Proof check the technical civil works proposals, and drawings of civil works such as structures, foundations, stations, foundations, tunnels, viaduct special spans, piers, casting yard, segmental girder inclusive of all enabling works, etc.  Ensure that the recommended design complies with tender requirements, enactments, codes, and regulations relevant to the Civil Works and has taken into consideration the construction methodologies, associated Temporary Works and Contractor’s Equipment, and available resources.  Any other roles and responsibilities required to be performed to complete the project and assigned by the PD/Client.   The expert shall be responsible for checking and verifying the excavation plan and methodology submitted by the Contractor. Monitor the tunnel excavation activities including blasting, and also monitor the tunnel lining activities including installation of waterproofing layers. Be required to be fielded throughout the Currency of the project, thoroughly familiar with various standards/specifications, contract procedures, Primavera or other project management software, designed quality control, etc. In addition, responsible for tunnel work during the Operation and maintenance period of the

* TL/RE is responsible for the overall management of the Authority Engineers, and services, and ensuring that the design and supervision of the construction of the road tunnel and other related works are carried out smoothly without undue time and cost overruns. The TL/RE will undertake, but is not limited to, the following:
* Set up an effective organizational structure. Prepare and implement all administrative systems and procedures needed to ensure the effective design and supervision of the contract works by the scope of work and with acceptable international standards; maintain proper filing and reporting systems. Coordinate with the Employer on Management Information System (MIS) procedures, website information, and records maintenance;

**3. SAI-Typsa JV Project Management Consultancy Bhaupur -Khurja Section of Eastern DFCC Project APL1, 351.8 KM [from 23.07.2018 to 2.01 .21. as Project Director/Team Leader [Acting]**

**PMC; [SAI-Typsa- JV] Funded By: World Bank Funded**

**Project cost; USD975 Million. Position Held; Acting Project Director/ Team Leader**

**Reporting Manager: Team Leader Expat Reporting Team size; Directly, Indirectly 200 No’s**

***Project Feature & Name- Contractor; Tata-Aldesa -JV [CST CONTRACTOR]***

**A. Design and construction of civil, Structures and Ballast Track Works for double line, Railway involving formation in embankment /cuttings, ballast on formations, Track Works, 200 Elevated Structures, Road Works parallel to railway line Major/Minor Bridges, Major/Minor RUB, RFO, Station Building, Level Crossing, including, testing and commissioning on Design-Build, Lump sum contract for Bhaupur- Khurja Section of Eastern Dedicated Freight [351.8 KM,** **Contract package LOT-101,102,103].**

**Achievement: Hand over Lot 102 &103 Client [EDFCC]**

**Salient Feature:** Axle Load 25Tonnes, Track Loading Density12T/M, Max Speed 100KM/H, Grade1 in 200, Curvature upto2.4 degree, Traction Electrical [25 KV at Feeding], Station spacing40 KM, Signaling Automatic with 2 km spacing, Communication Mobile Train Radio, Height5.1,7.1 M, Width 3660mm, Container Stack Double Track, TrainLength1500M, Train Load1300KM, CompletelyMechanised Track Laying by using a New Track Construction Machine for the first time in INDIA, Higher Axle load of 32.5TN at 100KM/H, Head hardened Rail use din TOS for longer life and lesser maintenance, mechanized Circular Foundation for the Mast Implemented for the first time in India, Using Concrete Train for OHE foundation. Executed 142 nos. Major Bridges, Minor Bridges, RUB, ROB, BOX CULVERT.

***B. Project Feature & Name -Contractor; ALSTOM [ASIPL-SYSTEM CONTRACTOR] USD900MILLION***

**Eastern Dedicated Freight Corridor Contact Package, System Works package CP-104**

**ALSTOM[ASIPL] Design, Construction, Supply, Installation, Testing, and Commissioning of 2x25kv, AC50Hz, Electrification, Signaling and Telecommunication and Associated Works of Double Track Railway lines, Construction on a design Build Lump-sum basis for Bhaupur- Khurja Section**.

**Job Description:** Review of basic detailed designs, plans, layouts, and managing resources to ensure execution of projects within time and budgeted parameters. Executing projects from Concept to Launch with a focus on Project Scope, rendering end-to-end solutions, and managing multi-skilled teams. managing and executing Railway track work and civil works, Mechanized Track laying by NTC, flash butt welding, yard construction, DE stressing, Installation of Advanced Thick web canted Turnout with weldable CMS (Cast Manganese Steel) crossing with back drive system Manage large teams of Civil and Electro-Mechanical Engineers. Manage Projects as well as achieve year-on-year growth in business and revenue targets. Accomplish organizational goals with responsibilities for the overall execution of the Projects, Strategy Planning, Budgeting, and Contracts Management. Play the chief role in establishing Facilities with tasks including feasibility studies, necessary management approvals, and approvals of Govt. Authorities, Managing contracts, Techno-Commercial Functions. Provide dynamic and strategic leadership to multi-disciplinary teams, for implementing projects. Effectively interact with statutory authorities to obtain necessary Approvals. Adopt modern methodologies and systems in compliance with quality standards. Guide swiftly ramping up projects with competent cross-functional skills and on-time execution **of Railway Track Linking and Design / Ballastless Track Design / Testing and commissioning / Tendering / Budgeting / Costing / Project Management**.

**Project Management Support:** Prepare and implement coordination procedures, Advise and assist in preparing the procedural system, and Interact with designated officers and staff regularly. Attend review meetings and be available to attend meetings and make use of MIS in carrying out its assignment Assist the Employer in coordination with different agencies, Prepare and implement project control procedures, implement document control procedures

**Contract Management Support:** Support preparation of correspondence to contractors, Manage claim control, Manage change control, and Issue the relevant certificates as may be required in the DB works contracts documents and available and cooperate to the full extent of familiarity with the DB contract during DAB meetings, arbitration proceedings, and other hearings held by the statutory and legal bodies.

**Programme Management:** Review a master project program, Review contractors' programs and associated progress, Monitor the overall construction schedule and evaluate the progress of overall construction work, recommend the countermeasures, and Direct the Contractor to take necessary steps to maintain the rate of progress of work. If the Contractor fails to achieve any of the Project Milestones, the PMC shall identify the causes of delays, and review the Program submitted by the Contractor. Identify the reason for the delay, review the project completion schedule, and assess compensation to the Contractor, if the works are suspended for reasons not attributable to the Contractor. Determination of the disposition of any time extensions requested by the Contractor with their reasonableness.

**Project Budget and Cost Management:** Review project budget and cost plan, Estimate overall project cost, Assess the financial position and project long-term financial statement. Certify all contract payments and satisfy in monitoring the same, Make fair and reasonable assessments of the payment requests by the Contract, and certification of full or partial payment, depending on its assessment of the Contract payment request. Determination of the disposition of any cost proposals submitted by the Contractor with their reasonableness.

**Communication Management:** Internal Communication, Communication with Clients, Communication with Contractors, Coordination with Clients, Coordination with respective HQs and divisions of Zonal Railways and Regional / Site Offices. Pay the most attention to close coordination with the Client in the performance of all services. Responsible for Inception Report, Daily Report, Weekly Progress Report, Monthly Progress Report, Quarterly Report, Completion Report, and Any Other Reports as sought by the Employer from time to time &Recommend acceptance or rejection of completed work, Verify the measurement of the quantity of work executed and check the payment certificate, Prepare integrated periodical reports

**Project/Physical Progress**: Coordination with client team members to speed up the execution of projects. Planning (activity /Resource) monitoring through MSP. Identification of critical path /resource proper arrangement. Monitoring /review of plan on a daily /weekly /monthly basis. Maintaining committed profitability. Timely reporting of the project process to the management.Planning and procurement of required material for the execution of project timely billing to the client. Managed all aspects of business development including identifying prospects meeting pre-qualification norms for large complex projects, JV, and consortium formation contracts. Listing with nodal agencies DFCC, and Indian Railways. Represent the company in the infrastructure and construction sector at conferences, pre-bid meetings, and Seminars to get the information required for business. Preparing financial and technical qualification documents for projects. Site survey for the raw material costs leads, specific conditions prevailing at the site, and applicable tax requirement of the tender. Demonstrated experience in implementing/ using project management processes, resource planning, scheduling, cost controls and budget monitoring, variance controls, implementing BMS processes; and the ability to foresee the problem and take proactive decisions/ actions.

**Commercial management/**: Budgeted revenue /client billing /collection from client /cash flow /budget /cost reeducation /vendor billing subcontractor management Understanding of different types of contracts, assessment of contract risks, implementation of risk register and risk management plans, contractual documentation requirements such as EOTs, protection against LDs and scope changes and liabilities   
**People engagement:** Annual/Projects recruitment plan / Demobilization plan /Training & development of all team members. statutory compliance Ability to engage with the staff, be effective in communication, promote PRIDE values, inspire professional excellence, ability to build large teams at sites, promote a safety culture and ethical behavior, staff development and implementing training needs,

**Human Resources/Performance Management;** Provide leadership & and motivation to the team through goal setting, capabilities development, performance feedback, and career planning, helping recruit and retain competent and high-performing staff to enhance their performance and capability to deliver on functional goals and targets. Implementing a mechanism for reward and recognition, being accessible and visible to staff. Project Planning Support in the project concept finalization process, provide inputs to ensure the project concept is in line with the target customer expectations, develop a detailed project plan, coordinate with various functions to ensure timely availability of all required resources, circulate project plan to all concerned to ensure timely support during project execution to ensure the development of a rigorous project plan.

**Procurement and Contract Management**: Budget control through procurement annual /projects budget plan and monitoring. Complete purchase requisition through SAP. Vendor assessment and development. Interaction with finance for the development of PO to get maximum tax benefit, claim management, implementation of SOP claim, and correspondence to client and vendor on contract matters. Coordinate with project's procurement and contracting function to ensure timely central procurement of material and contract finalization & and administrate contracts for assigned projects, oversee to ensure all regulatory compliance related to contracting for the project to ensure timely, efficient, profitable, and cost-effective procurement and contracting of activities.

**Safety Management:** Development & and complementation of work methodology & and safety check identification of hold points. Identify risk areas and take proper precautions. Development of a safety plan for a different type of work.

**Quality Management:** Development & and implementation of work methodology & and quality check. Identification of hold point. Development of a Quality plan for different types of work.

**Interface Management:** Interface with the client, designer, contractor, and subcontractor and resolve the issue.

**Managing External relationships**: Manage relationships and liaison with local and central government authorities / relevant organizations for project-related approvals and compliances, resolve compliance issues and disputes with external authorities to expedite project execution and ensure smooth execution of processes  
**4. Alfara’s Infraprojects Pvt. Ltd. from 16.02.2018 to 23.07.2018 as** **Project Director [Operation] Maha Metro** **Railway Project Corridor– 2** {**9 no’s Station Vanaz, Anand Nagar, Ideal Colony, Nal Stop, Garware, Deccan, ZimKhana, Samhaji Park, PMC /Viaduct/Elevated Metro Line****}[NATM/TBM]**

**Reporting Manager; Chief Operating Officer Reporting Team size; Directly, Indirectly 75 No’s**

**Project cost; 10000 CRs. Position Held; Project Director/ Head of Project**

**Funded By: 50% Central Govt. and 50% Maharashtra Govt.**

**Main project features:** Construction ofElevated Metro Viaduct,Route length 31.515 KM [with 5.019 KM Underground], No of stations30[with UG 6], Axle Open foundations, and underground section with Tunnel Boring and station in underground station cut and cover. Load 16Tons, Gauge 1435mm, Max Speed 95KM/H, and Traction Electrical [25kvacFeeding], overhead current collection, Cab signaling and continuous automatic train, Train information system, Control telephones, and Centralized Clock System**.** Automatic Fare collection system with POM and Smart card etc. Control with Automatic Train Protection (ATP) Integrated System with Fiber Optical cable, l SCADA, Train Radio, PA system, etc.Elevated viaduct consisting of prestressed concrete “Box” shaped Girders on a Single pier with the pile.

**Job Description**: Design, Execution Construction. Schedule the project in logical steps within the time frame & and cost requirements to meet deadlines. Develop project baselines, monitoring & and controlling projects concerning cost, resource deployment, time over-runs, and quality compliance to ensure satisfactory execution of projects Interface Management: Interface with the client, designer, contractor, and subcontractor and resolve issues Formulate operating budgets and manage overall operations for executing the projects within cost & time norms. Evaluate project specifications and determine the viability based on the technical, financial & and economic parameters Metro **Railway Track Linking & Design / Ballastless Track Design / Testing & Commissioning / Tendering / Budgeting / Costing / Project Management** Coordinate with clients or external agencies for techno-commercial discussions, changes required in the tender/contract documents, and cost estimates, including billing, variation/deviation proposals, claims, and so on Interpret the contractual obligations and the rights and evaluate technical/financial problems for the management reporting Leading a team of professionals; ensuring suitable deployment and timely availability of Engineers

**Key Responsibilities:{**

**A. Financial:** Responsible for all aspects of EPC to execute projects within approved cost & and timeline with the highest standards of quality and safety. Monitor, evaluate, and proactively take corrective steps to work within target cost & and timelines. Adherence to project completion schedules/ performance LD clause, Achieving targets, cash realization, and profit margins.

**B. Operational:** Review and institute operational policies, procedures, and systems to enhance productivity, efficiency, and effectiveness to achieve operational excellence. Establish world-class practices in achieving the highest safety, quality, and customer care standards. Ensure automation and IT deployment in all operations to enhance efficiency. Ensure Legislative, Statutory, Environmental, Commercial, and Financial clearances and approvals for timely implementation of Projects Responsible & and accountable for regular updating, corrections, and sanctity of database in various systems about his Project/ Function.

**C. Customer:** Maintain effective strategic relationships with key stakeholders Project financers/funders, vendors, Customers, Partners, Government Officials, Bureaucrats, and all related local/ regional regulatory/ statutory government authorities Achieve a high level of customer care and satisfaction in line with the organizational objectives and achieve the target client rating.

**D. People:** Responsible for Talent acquisition, development, and retention in respective projects/functions. Develop leaders and foster team culture in line with the Organizational values and maintain a team spirit within groups. Nurture talent and foster meritocracy to achieve high performance, productivity, and employee engagement levels.

**JOB ROLE:**

**Project Management Support:** Prepare and implement coordination procedures, Advise and assist in preparing the procedural system, and Interact with designated officers and staff regularly. Attend review meetings and be available to attend meetings and make use of MIS in carrying out its assignment Assist the Employer in coordination with different agencies, Prepare and implement project control procedures, implement document control procedures

**Contract Management Support:** Support preparation of correspondence to contractors, Manage claim control, Manage change control, and Issue the relevant certificates as may be required in the DB works contracts documents and available and cooperate to the full extent of familiarity with the DB contract during DAB meetings, arbitration proceedings, and other hearings held by the statutory and legal bodies.

**Programme Management:** Review a master project program, Review contractors' programs and associated progress, Monitor the overall construction schedule and evaluate the progress of overall construction work, recommend the countermeasures, and Direct the Contractor to take necessary steps to maintain the rate of progress of work. If the Contractor fails to achieve any of the Project Milestones, the PMC shall identify the causes of delays, and review the Program submitted by the Contractor. Identify the reason for the delay, review the project completion schedule, and assess compensation to the Contractor, if the works are suspended for reasons not attributable to the Contractor. Determination of the disposition of any time extensions requested by the Contractor with their reasonableness.

**Project Budget and Cost Management:** Review project budget and cost plan, Estimate overall project cost, Assess the financial position and project long-term financial statement. Certify all contract payments and satisfy in monitoring the same, Make fair and reasonable assessments of the payment requests by the Contract, and certification of full or partial payment, depending on its assessment of the Contract payment request. Determination of the disposition of any cost proposals submitted by the Contractor with their reasonableness.

**Communication Management:** Internal Communication, Communication with Clients, Communication with Contractors, Coordination with Clients, Coordination with respective HQs and divisions of Zonal Railways and Regional / Site Offices. Pay the most attention to close coordination with the Client in the performance of all services. Responsible for Inception Report, Daily Report, Weekly Progress Report, Monthly Progress Report, Quarterly Report, Completion Report, and Any Other Reports as sought by the Employer from time to time &Recommend acceptance or rejection of completed work, Verify the measurement of the quantity of work executed and check the payment certificate, Prepare integrated periodical reports

**5.** **MMRCL Line 3 Metro UGC-03 Maple GC [Egis Rail] from 21.08.2017 to 15.02.2018 as CRE/ Team Leader with { PMC}[TBM]**

\*Manage 5 simultaneously (500CRs each project] Station with Tunnel from BD to completion \*Drive growth from current to 2500CRs by 2018 1. Mumbai Central -500 CRs 2. Mahalaxmi station - 500 CRs 3. Science Museum -500 CRs 4. Worley Station-500 CRs 5. Acharya Atre-500CR

**Reporting Manager; Project Director/ Project Manager Reporting Team size; Directly, Indirectly 75 No’s**

**Project cost; 2500 CRs. Position Held; Chief Resident Engineer**

**Funded By: JAPAN INTERNATIONAL CORPORATION AGENCY [J ICA]**

Project Details: [Maple], JICA UGC-03Length 5KM, Cross-section Area of Tunnel 36.31SqM & Dia of Tunnel 5,8 M,6.8 M] Line3 project - A 33.5 Km. long corridor running along COLABA-BANDRA-SEEPZ envisages decongesting the traffic situation in Greater Mumbai. Mumbai Metro Rail Corporation Limited is the nodal agency responsible for the implementation of the Mumbai Metro Line–3 project. It has been constituted as a JV of the Govt. of India & (GOM) on a 50:50 sharing basis.

**Overall Project Management**: Design. Review, Execution of Underground Structures and Shafts, Caverns, Temporary Support Systems, etc overseeing ensuring that all projects are completed as per the planned and prescribed specifications and standards, within deadlines and without cost overrun, Manage multiple concurrent projects from project conceptualization to completion of construction. Maintaining aggressive control of budget, schedules, and quality along with managing Architects, Contractors, Statutory Authorities, and other vendors. Prepare a Detailed Project Implementation Plan and Budget, Own the Responsibility for the Implementation of the above Plans and budgets, and create a Team to Implement the Project successfully, own the Responsibility for the Successful Implementation of the Project in the Pre-defied Time, Cost, and Quality. Create and manage All Relevant Systems, Structures, and Processes for his Department, prepare a Detailed Implementation Plan with Milestones, Tasks, Activities, and resource requirements, and prepare a Critical path for implementation. Continuously Monitor the entire Project Implementation and ensure all Time, Cost, and Quality parameters, Liasoning, and coordination with All External Agencies and Statutory Authorities, Architects, Consultants, Suppliers, Contractors, and Service providers to ensure successful implementation of the project. Well, conversant in the latest International Standards and codes, like IRC, BS, Australian, AASHTO, EURO, PIARC, ASTM, etc., related to Underground Structures, Tunnel Construction and rock Mechanics, etc. conversant with NATM Construction and Design Systems. Specialized in Design software for Tunnel design and Underground Designing. Proficient in the use of Microsoft Office software. Leadership ability, with good communication skills. Responsible for heading the Tunnel Design team, Reviewing and finalization the Preliminary and Detailed Design for Civil and E&M works. Collection and review of Surveys, Geotechnical Investigations, and Data before submission to Competent Authority; and also Field Inspector's Reports, QA/QC Reports, etc.; and suggest Value Addition. Value engineering. Review the Construction Cost w.r.t. bidding and assist the contractor in the Cost Optimization area. Coordinate with the Designers, Proof-checking Consultant, the Authority’s Engineer, and the Authority on the issues of Design and drawings. Evolve a System approach with a Proof-check Consultant/ Authority Engineer, to minimize the time required for approval and issue of construction drawings. Submission of various Reports and Tunnel Designs following the construction plan, and in line with the agreement. Reviewing Project Scope of work, Strategies, execution plan, Constructing Strategies, etc.

**KRA: PART I: General Tasks throughout Service Period: Project Management Support -** Prepare and implement coordination procedure, Advise and assist in the preparation of the procedural system, interact with designated officers and staff regularly, attend review meetings & available to attend meetings with JICA missions, make use of MIS in carrying out its assignment, Assist the Employer [MMRC] in coordination with different agencies, Prepare and implement project control procedures, Prepare and implement document control procedures

**Control Management Support** - Support preparation of correspondence to contractors, Manage Claim Control, manage change control, and Issue the relevant certificates as may be required in the DB works contracts documents. Available and cooperate to the full extent of its familiarity with the contract during meetings, arbitration proceedings, and other hearings held by the statutory and legal bodies.

**Interface Management: Interface with the client, designer, contractor, and subcontractor and resolve the issue.**

**Program me Management** - Establish a master project program, Review contractors' programmed and associated progress, Monitor the overall construction schedule and evaluate the progress of overall construction work, recommend the countermeasures, and Direct the Contractor to take necessary steps to maintain the rate of progress of work, Prepare consolidated program me / progress report, In case the Contractor fails to achieve any of the Project Milestones, the PMC shall identify the causes of delays, and review the Program submitted by the Contractor, Identify the reason of the delay, review the project completion schedule and assess compensation to Contractor if the works are suspended for reasons not attributable to the Contractor, Determination the disposition of any time extensions requested by the Contractor with their reasonableness.

**Project Budget and Cost Management** - Assess the financial position and project long-term financial statement, certify all contract payments and satisfy in monitoring the same, make fair and reasonable assessments of the payment requests by the Contract, and certification of full or partial payment, depending on its assessment of the Contract payment request, Determination the disposition of any cost proposals submitted by the Contractor with their reasonableness maintain cash flow management.

**Monitor Safety, Health, and Environment** - Establish requirements for SHE, ensure compliance with the SHE plan submitted by the Contractor, and Notify the Contractor forthwith that the whole or part of the work is to be suspended, if the Contractor has not made adequate arrangements to ensure the safety of workers and users and other legal and statutory objections mentioned in the contract

**Monitoring and Supervision of the Implementation of the Updated Environmental Management Plan** – Assist in taking necessary action about various environmental aspects and monitor the progress in these matters.

**Quality assurance and Quality Control** - Implement a QA system, Overview the contractor's activities, Review and approve the QA program submitted by Contractors, implement an integrated QA program for the Project, and Issue the manufacturer's authorization for procurement of major items.

**Communication Management** – Establish and pursue Communication Procedure (Additional) - Internal Communication, Communication with Clients, and Communication with Contractors

**Coordination with Client** - Coordinate with HQ and Coordinate with respective HQ and divisions of Zonal Railways and Regional / Site Offices, Pay the most attention to close coordination within the performance of all services.

**Coordinate with Contractors (Additional) -** Give consent to Key position CV to be provided by the contractors as per the provision of the contracts.

**Support training of personnel** - Establish requirements for training, Overview the contractor's activities for training of personnel, and Support Technical Assistance Consultants to plan and design the training module in cooperation with manufacturers/suppliers, in the operation, maintenance, and repair of various equipment and plants, Support Technical Assistance Consultants to plan and design the training module in operation, maintenance, and repair of the system, Coordinate, review monitor efforts of the contractors for the training of personnel., Review training modules for the personnel including operating and maintenance staff and assist in organizing training within and outside India

**Reporting** - Inception Report, Daily Report, Weekly Progress Report, Monthly Progress Report, Quarterly Report, Completion Report, Any Other Reports as sought by Employer from time to time

**PART II:** **Design Review Phase: Head** the detailed design plan and profile drawings of the metro track including the depot track and tunnel from the construction and safety point of view and provide comments to GC and contractors.  Reviewing of contractor's as-built record drawings, and track parameters. The tunnel Design team, Reviews, and finalization of the preliminary and detailed designs for civil and E&M works. Review of surveys, Geotechnical Investigation, Collection of Data before submission to the competent authority, field inspection reports, and QA/QC reports & and suggest value addition. Value Engineering. Review the construction cost wrt. to Bidding and assist the contractor in cost optimization area. Coordinate with the designer, proof-checking consultant, the authority engineer, and the authority on the issue of design & and drawings. Evolve a systems approach with the proof check consultant/Authority engineer, to minimize the time required for approval and issue of construction drawings. Submission of various reports and Tunnel designs following the Construction Plan & and in line with the Agreement. Well, conversant in the latest IRC, BS, Australian in, AASHTO, EURO, PIARC, ASTM, etc. Codes related to underground structures, Tunnel construction & Rock Mechanics, etc. Well-versed with NATM Construction and design systems. Software Knowledge - Preferably knowing Tunnel Designing & Underground Designing Software. Computer Proficiency - well versed with Microsoft Office.Metro  **Railway Track Linking & Design / Ballastless Track Design / Testing & Commissioning / Tendering / Budgeting / Costing / Project Management**

**Review Definitive Design Submission** –

**PART III: Construction Supervision Phase**: Hand over Right of Access, Conduct routine field S/V Works - Superintendence Contractor's performance as "The Engineer", particularly concerning the quality of materials/construction, site safety, removal/relocation of utilities, and so on. Carry out Regular Site Inspection - Specify the system of test checks for the Contractor's Requests for Inspection (RFI) at all appropriate levels by Supervisor, SRE, and RE., Review a Statement and supporting document from the Contractor, and Issue an Interim payment Certificate to Recommend acceptance or rejection of completed work Verify measurement of the quantity of work executed and check payment certificate Issue Non-Objection Certificate to shop drawings Request to the Contractor to prove through appropriate tests that remedial works have brought the works into conformity with the Contract. Carry out all tests specified in the related schedule of the Contract and issue. Completion Certificate / Provisional Certificate. Prepare integrated periodical reports Scrutinize registration of daily consumption of material, various activities/output of design, and construction activities to be maintained by the contractor.

**Job Details: --1. Client Management** -Interact with the client on critical aspects of contract management to understand the client’s requirements on execution methods, quality & and safety requirements on an ongoing basis. Implementation of project-specific quality control and quality assurance and HSE programs. Liaise and develop relationships with senior officials of local government authorities and service providers for smooth management of Operations.  
**2**. **Operations and Project Management** -Responsible for all operations and successful on-time, under-budget execution.  
Conceptualize and oversee the Project Management plan covering the major activities and time durations including budgets and cash flow requirements. Align & and deploy the project plan with the various functions in the operations and project structure, resource evaluation/allocation. Periodically review project progress, targets, functions initiatives, and budgets by maintaining project reporting system & and support. Anticipate potential problems and institute controls and contingency plans to address them.  
**3. Financial** -As the owner of the project, accountable for the project budget. Ensure correct estimation of funding levels. Review and approve proposed budgets and schedules. Prepare, justify, and administer the budget for program areas.  
Use cost-benefit analysis to set priorities, and monitor expenditures in support of programs and policies. Identify cost-effective approaches.  
**4. Human Resource** -Delegate, mentor, lead, and manage the Operations and Project performance including the Project managers Operations manager, etc. Strong proven leadership qualities to inspire teams. Build and retain talent pool for further success.

**5. Organization and team management**- Disseminate the company’s culture and values across departments- Coach sub-ordinates to develop capabilities horizontally and vertically- Build a strong succession pipeline for the role; and ensure adequate manning at each level- Plan and oversee training of workforce for reporting departments- Oversee the performance management process for the reporting departments- Ensure motivation and morale amongst all members of the operations team.

**KPIs**: Project delivery in budgeted cost and schedule. Estimation accuracy/predictability. Savings (year on year). Design efficiency. Safety score Project quality. Favorable / Good audit score. Department attrition rate

**6. Reliance Industries Ltd Jamnagar Gujarat [RCP Mumbai] from April ‘2014 to March 2017 [Construction with slip form shuttering] {Project Management Consultancy Group}**

**Reporting Manager; Sr. VP /HOD Project Reporting Team size; Directly, Indirectly 75 no’s**

**Project cost; One Lakhs CRs+ Position Held; GM Projects /TL/PD**

**1. Execution of Integrated Automated Town Ship and drainage works within the plant & and outside Coastal Roads Connecting to NH**

**2. Execution & Construction of ROGC Plant & CPP Power Plant 100 MW`**

**3. Execution & Construction PCG SEZ/ DTA [SNG & LNG Plant- SMR & Nitrogen Cycle]**

4. **Extension &Repair Maintenance of 1000 MLD Water Treatment Plant**

**5. Execution & Construction of Coastal Roads [100 KM] & Other Marine Works: Execution &** constructed intersection, in coastal road describes a situation where two or more roads cross at the same level. An interchange is a grade-separated intersection (one road passes over another) with ramps to connect them. Around 150 hectares of reclaimed land in the intertidal zone, Factors such as safety, cost, capacity, environment, development, and Policy can vary at every site; consequently, there are different unique, one-of-a-kind interchanges worldwide. Interchanges are designed to fit specific local conditions and meet driver expectations. Diamond Interchanges**, Diverging diamond interchanges (DDI, Directional interchanges, Cloverleaf interchanges]** harbor/port infrastructures/facilities such as breakwater, berth (includes jetties, Marine terminals) Container Parking Yard, Quay Cranes, Yard Cranes, Other works in Container Terminal, Dredging, and Reclamation, all involving construction), Responsible for the design and construction of all marine structures including, dredging, berths, piling, reclamation, etc and design of breakwater & revetments/shore protection works. Responsible for verifying design, drawings, and materials( excluding materials for breakwater & and revetments/shore protection works) are in conformance with the Concession Agreement. Lead and manage the project control team to ensure efficient and effective project planning and scheduling. Develop and implement project control procedures and processes to ensure compliance with project requirements. Prepare and present project progress reports to senior management and stakeholders. Coordinate with project stakeholders to establish project scope, objectives, and deliverables. Monitor and analyze project performance against established plans and schedules, identify variances, and recommend corrective actions.

**Principal Duties and Responsibilities**: Land acquisition, surveying, Development of project, engineering procurement commissioning, completion, for entire cycles in EPC project execution with all aspects of execution. Bridges or Structural/ Geotechnical engineering design for Bridges in planning, design, and execution of roads on reclamations land, Bridges, Seawall /Breakwater. Oversee timely completion of feasibility studies, site selection, environmental, and other related clearances from government and statutory bodies. Review benchmarking/ market intelligence studies against international and domestic EPC/ project teams on all project processes and use the analysis in consultation with HOD-Construction to develop detailed plans for projects Develop project technical cost models by coordinating with Site Project Managers and refine the same based on relevant information. Review cost-benefit analysis of different project execution models in terms of procurement costs and associated risks and provide detailed analysis. Manage and lead a large multi-discipline execution team & able to coordinate with the design team. Propose and implement the formation of a Project during the initial project phase and implementation of the project activities. Ensuring reliable supply (timely and as per specifications) of high-quality equipment from EPC and Equipment providers by overseeing contract finalization and procurement activities of Project Procurement and site techno-commercial teams.  Maintain a steady rhythm for operating and maintaining the company’s assets as per the prescribed HSE guidelines to provide a cost-effective, efficient, uninterrupted supply of gas and maintain high service levels for all customers. Monopile work/ Monopile foundation and a good understanding of design parameters. Should have the adaptability to handle client/ Consultant’s technical issues. Direct execution experience in monopile of 2.5m- 3.5m diameter in rock using RCD Equipment for at least two projects, of which one must be for a bridge project in the marine environment. Oversee and direct construction of Monopile work from conception to completion. Review the project in-depth to schedule deliverables and estimate costs, oversee all onsite and offsite constructions related to monopile to monitor compliance with safety regulations. Select tools, materials, and equipment and track inventory, Meet contractual conditions of performance, and Review the work progress daily. Prepare internal and external reports about job status, Plan to prevent foreseeable issues, and resolve any emerging ones.

**Responsibility for Setting up a New J-3 Green Field Refinery Project Operation Starting to Closer**.  
**1. Project Charter, Specifications:-** Design, construction, assembly techniques, understand contractual, legislative,and Scope: Plan the scope and charter of the project with coordination of higher management, Finalize the technical details and Specs of all the equipment according to the released budget and project scope, with the coordination stakeholders involved. Plan and Prepare the Master Project Schedule for monitoring and controlling the project. Plan the supplies (Equipment and Services)/civil work as per the timelines and complete the legal formalities and purchase procedures following the company rules and regulations

**2. Project Program Management:** –Apprising top management PM tools like MS projects, primavera, PCM, Excel, database reporting, etc. Timely monitoring through MIS and Site visits, conducting weekly / Bi-weekly team Briefings, preparing project progress reports to capture the performance of the project, monitoring, and controlling the same based on the master project schedule. Detailed Weekly Planning exercises and Monitoring of the same and coordinated with the site team for site issues resolution and project management

**3. Construction Management**-Advanced Construction management technics, as per the latest research. Conceptualize the project activities and clearly define the risk factors (internal and external), project organization requirements, roles & and authorities, conflicts, and commitments. Take new initiatives to improve project performance and build up proper systems and procedures

**4. Contract Management** – Lead, Interact & and provide Commercial Support to the Project sites, Project Proposals/Tenders Teams, and Billing engineers& and regular monitoring of ongoing projects, identifying and highlighting early warning signals, and prompt corrective actions to resolve the issues in time and avoid project delays, Selection of the subcontractor, Handling Commercial Terms & Conditions with Clients /Sub-contractors / Vendors, Techno-commercial feasibility of subcontractors, Rates finalization, Award subcontract, Pre post-award activities, subcontractor performance, timely payments, contract modifications as per required. Understanding the Client Contracts.  Project Billing and Certification from the clients. Subcontracting & and administering the Subcontracts; Subcontract negotiation and finalization; approving Sub-contractors bills as per contract, conducting regular reviews against plan and budget, and taking corrective actions as required,

**5. Project Budget, Cost & Vendor Management** –Determine the feasibility of the project, and identify and forecast costs and requirements. Creating and reviewing the First Budget / Cost Baseline program for Projects, and Cash Flows, Closely Monitoring the Project commercials (Revenue and Profitability) for various projects Reviewing Projects Budgeted vs. Actual Cost with Variances based upon the Earned Value Technique. Award contracts for the supply of services and equipment to vendors and suppliers, Coordinate with Government authorities and vendors and suppliers for project-related matters, ensure the Project Managers /Construction Managers/ Engineers successfully communicate with construction supervisors and subcontractors

**6.** **Communication & People Management**: - Internal, Communication with Clients and communication with Contractors Provide guidance, coaching, and mentoring to direct reports, Plan and review the performance of direct reports, and provide developmental inputs

**7**. **Interface Management: Interface with the client, designer, contractor, and subcontractor and resolve the issue**

Constructed Big Plant/Structure: Executing mega refinery projects in Oil and gas Hydrocarbon (SNG, LNG, Ethane, Pentane, Butane, and Aromatics), Refinery and petro-chemical, Tankages and Terminals, Pipelines (Oil & Gas, Water, Slurry, and Subsea), Platforms, for (Upstream Downstream. [Explorations, Development, Productions] in offshore and onshore experience. Sinter Beneficiation & Palletizations Plants, Material Handling System); and Power Plants (Coal), Chemical plants (Chlorine, Sulphur Acid, AGR plants). Urban Infrastructure (Residential Complexes, Big warehouse, Plant Interface Buildings, Big Electric Power Substations, Big NDCT, Big cable trench 10 km for connecting to the main substation, satellite substation to CPP, Switchyards and Distribution Systems, Water Supply, Sewage Disposal and Treatment Systems). Industrial Structures (Warehouses, Storage Sheds, Silos). Marine/Coastal/ Harbor structures.

**Plant Performance, Manufacturing & Operation**; Oversee the functioning of all Manufacturing units, Commissioning new projects, Meet budgeted works commitments as per standards and timely action plan, availability of the products as planned and agreed upon as per the sales forecast by increasing capacity, Create capacity and capability for manufacturing of custom-built products and new products as per budget, that the operating expenses are within the allowed limits, product with designed quality, identify and commission new machines or processes to improve productivity and product quality, Ensuring capacity growth as per plan and timely delivery to customers, To focus on continuous improvement, benchmarking and to follow best practices, Timely & Accurate Billing of the Plant, Revenue Generation. Responsible for ensuring PLF (Plant Load Factor) for Capacity and PPA. Profit Maximization. Complete accountability for Plant Maintenance – Predictive, Operative, and Preventive Maintenance and adherence to the schedule. Monitor Compliances as applicable at the Plant level. The entire operation, manufacturing, and engineering in automotive component mfg. Practicing Lean, KAIZEN, Six Sigma, and TPM activate. Create a culture of TPM / TQM across the company Adherence to HSE Norms – ISO Audit – 14001 and 9001. Control on Documentation Monitoring of O&M Contracts and Budget –

**Manage manufacturing production:** Daily review with the team to track the status of production, check for deviations, and provide necessary assistance to resolve the issues, if any, provide uninterrupted steam or power (energy) with the available infrastructure, optimize plant loading for best possible utility consumption. Upgrade existing processes for a reduction in utility consumption. Ensuring control of process parameters to improve yields at different stages of operations. Initiate & and coordinate with R & D and brand team for quality improvement projects. Daily review with QA and operation teams to ensure energy stability by ensuring adherence to quality norms at different stages of production Monitor cycle time for the operation of all critical machines and plan for upgradations, Ensuring statutory compliances (SHE) and compliance with environmental laws.

**7. MetroStroy-Era JV Dec’2011 – Apr 2014, Chief Project Manager/Team Leader, Metro Rail Project, Design and Build Contract CC 07 between Lal Quila and Kashmere Gate Station. *Client:* DMRC. The project involved 2 km of the Twin Tunnel[U.G.]**. [TBM]

**Reporting Manager: VP-Projects Reporting Team size; Directly, Indirectly 100 No’s**

**Project cost; 3000 CRs Position Held; Chief Project Manager**

**Client; Delhi Metro Rail Corporation Funded by: State Govt & Central Govt.**

**Salient Features: 2**TERRATEC TBM, Ø6.61m EPB Shield,900kw VFD electric driven Cutter Head, interchangeable with using up to 33 number 17’’ roller disc cutters, the active type articulation for the shield, and the tail’s a built-in 2-Liquid backfilling system.

**Job Responsibility:** Metro **Railway Track Linking & Design / Ballastless Track Design / Testing & Commissioning / Tendering / Budgeting / Costing / Project Management** Review of basic and detailed designs & plans, layouts, and managing resources to ensure execution of projects within time and budgeted parameters. Executing projects from Concept to Launch with a focus on Project Scope, rendering end-to-end solutions, and managing multi-skilled teams. managing and executing of Railway track work and civil works, Mechanized Track laying by NTC, flash butt welding, yard construction, DE stressing, Installation of Advanced Thick web canted Turnout with weldable CMS (Cast Manganese Steel) crossing with back drive system Manage large teams of Civil and Electro-Mechanical Engineers. Manage Projects as well as achieve year-on-year growth in business and revenue targets. Accomplish organizational goals with responsibilities for the overall execution of the Projects, Strategy Planning, Budgeting, and Contracts Management. Play the chief role in establishing Facilities with tasks including feasibility studies, necessary management approvals, and approvals of Govt. Authorities, Managing contracts, Techno-Commercial Functions. Provide dynamic & and strategic leadership to multi-disciplinary teams, for implementing projects. Effectively interact with statutory authorities to obtain necessary Approvals. Adopt modern methodologies and systems in compliance with quality standards. Guide swiftly ramping up projects with competent cross-functional skills and on-time execution. Execution of the tunneling works between Jama Masjid and Kashmere Gate Stations. The TBMs emerged at the Lal Quila Station site after making a 1,351 m-long tunnel from Kashmere Gate Station. A total of 967 rings have been inserted concurrently with the tunneling process. Another TBM is working on a 1,356 m-long tunnel on the downline. The tunnel passes beneath the existing Kashmere Gate elevated Metro Station. The Stations at Kashmere Gate and Lal Quila are also being constructed by the same using the Cut & Cover method. The distance between the tunnel wall and foundation piles of the existing metro station is 1.2m. An extensive instrumentation and monitoring regime was put into place by the joint venture as precautions were used to monitor and control the tunnel excavation. The Violet Line is being extended from its current terminus to meet the Yellow and Red Lines at Kashmere Gate Station. The Lal Quila Metro station completed the tunneling on the under-construction Kashmere Gate – Lal Quila stretch of the Central Secretariat – Kashmere Gate Corridor. The Tunnel Boring Machine (TBM) emerged at the Lal Quila metro station site after making a 1351-meter-long tunnel from Kashmere Gate. This TBM was lowered at the Kashmere Gate shaft Pile of the existing metro station is 1.2 meters. The tunnel also passed under the historical Dara Shikoh Library, Lothian Bridge (Delhi – Shahdara Northern Railway Line), Magazine Gate, and Ambedkar University.  Earth Pressure Balancing Type TBM was used to concrete the tunnel. A total of 967 rings have been inserted simultaneously along with the tunneling process. Each ring has five segments (each 275 mm thick) and the length of one segment is 1.4 MTS. These segments and rings are connected by using bolts. The internal diameter of the tunnel is 5.8 Mts. The casting of the segments was done at the Mundka Casting Yard. Approx. 46, 000 Cu. mts. . . .This section is a part of the 9.37 km long Central Secretariat – Kashmere Gate corridor. The section from Central Secretariat to ITO which is 4.2 KMS long

**Project Management Support:** Prepare and implement coordination procedures, Advise and assist in preparing the procedural system, and Interact with designated officers and staff regularly. Attend review meetings and be available to attend meetings and make use of MIS in carrying out its assignment Assist the Employer in coordination with different agencies, Prepare and implement project control procedures, implement document control procedures

**Contract Management Support:** Support preparation of correspondence to contractors, Manage claim control, Manage change control, and Issue the relevant certificates as may be required in the DB works contracts documents and available and cooperate to the full extent of familiarity with the DB contract during DAB meetings, arbitration proceedings, and other hearings held by the statutory and legal bodies.

**Programme Management:** Review a master project program, Review contractors' programs and associated progress, Monitor the overall construction schedule and evaluate the progress of overall construction work, recommend the countermeasures, and Direct the Contractor to take necessary steps to maintain the rate of progress of work. If the Contractor fails to achieve any of the Project Milestones, the PMC shall identify the causes of delays, and review the Program submitted by the Contractor. Identify the reason for the delay, review the project completion schedule, and assess compensation to the Contractor, if the works are suspended for reasons not attributable to the Contractor. Determination of the disposition of any time extensions requested by the Contractor with their reasonableness.

**Project Budget and Cost Management:** Review project budget and cost plan, Estimate overall project cost, Assess the financial position and project long-term financial statement. Certify all contract payments and satisfy in monitoring the same, Make fair and reasonable assessments of the payment requests by the Contract, and certification of full or partial payment, depending on its assessment of the Contract payment request. Determination of the disposition of any cost proposals submitted by the Contractor with their reasonableness.

**Communication Management:** Internal Communication, Communication with Clients, Communication with Contractors, Coordination with Clients, Coordination with respective HQs and divisions of Zonal Railways and Regional / Site Offices. Pay the most attention to close coordination with the Client in the performance of all services. Responsible for Inception Report, Daily Report, Weekly Progress Report, Monthly Progress Report, Quarterly Report, Completion Report, and Any Other Reports as sought by the Employer from time to time &Recommend acceptance or rejection of completed work, Verify the measurement of the quantity of work executed and check the payment certificate, Prepare integrated periodical reports

**8. Afcons Infrastructure Limited. from May 2009 to Dec 2011 Project Manager / PD Construction of 10 km Twin Tunnels U.G. [By NATM] under Udhumpur-Srinagar-Baramulla Railway Link (USBRL) project in Jammu & Kashmir. [NATM]**

Client*:* Konkan Railway Corporation Ltd.

Reporting Manager; Technical Director Reporting Team size; Directly, Indirectly 35No’s

Project cost; 1200 CRs Position Held; Director Projects/Project Manager

**Job Responsibility:** Review of basic and detailed designs & and plans, layouts, and managing resources to ensure execution of projects within time and budgeted parameters. Executing projects from Concept to Launch with a focus on Project Scope, rendering end-to-end solutions, and managing multi-skilled teams. managing and executing of Railway track work and civil works, Row Road Works, Mechanized Track laying by NTC, flash butt welding, yard construction, DE stressing, Installation of Advanced Thick web canted Turnout with weldable CMS (Cast Manganese Steel) crossing with back drive system Manage large teams of Civil and Electro-Mechanical Engineers. Manage Projects as well as achieve year-on-year growth in business and revenue targets. Accomplish organizational goals with responsibilities for the overall execution of the Projects, Strategy Planning, Budgeting, and Contracts Management. Play the chief role in establishing Facilities with tasks including feasibility studies, necessary management approvals, and approvals of Govt. Authorities, Managing contracts, Techno-Commercial Functions. Provide dynamic & and strategic leadership to multi-disciplinary teams, for implementing projects. Effectively interact with statutory authorities to obtain necessary Approvals. Adopt modern methodologies and systems in compliance with quality standards. Guide swiftly ramping up projects with competent cross-functional skills and on-time execution. The project site seems like a hide-and-seek game. AFCONS is almost finishing the construction of five BG single-line railway tunnels on the Katra-Laole section of the Udhumpur-Srinagar Baramulla Rail Link (USBRL) project. The total length of the tunnels, including cut and cover, is approximately 8500m. The Sangaldan village (185 kilometers from Jammu), around which the tunnels are situated, is full of geological variations. The closeness between soft clay and foliated rock mass makes tunneling in the area a daunting task.

**Challenge & Achievements.** 1. Transporting heavy machinery to the site was a challenge as the old Dharamkund Bridge could only withstand payloads of 10 tonnes. 2. A magazine was constructed for the storage of explosives and a diesel pump was installed at the site. 3. Cabinet approval was obtained for quarry under forest land. It was the first time that the J&K government gave such permission considering the project’s national importance. 4. In some areas, tunneling was safely executed where the overburden/rock cover was less than 1D. 5. Due to Muree Thrust, the entire rock mass in the project area is deformed and thrust-affected. 6. The presence of nullahs and freshwater springs led to water ingress inside tunnels sometimes to the tune of 1500 litres per minute. 7. AFCONS logged record progress of 68m tunneling in one month with a permanent steel supporting system and a cycle time of 18 hours in poor geology. 8. Thirty gantries were completed 9m in one month which is a record.

**Project Management Support:** Prepare and implement coordination procedures, Advise and assist in preparing the procedural system, and Interact with designated officers and staff regularly. Attend review meetings and be available to attend meetings and make use of MIS in carrying out its assignment Assist the Employer in coordination with different agencies, Prepare and implement project control procedures, implement document control procedures

**Contract Management Support:** Support preparation of correspondence to contractors, Manage claim control, Manage change control, and Issue the relevant certificates as may be required in the DB works contracts documents and available and cooperate to the full extent of familiarity with the DB contract during DAB meetings, arbitration proceedings, and other hearings held by the statutory and legal bodies.

**Programme Management:** Review a master project program, Review contractors' programs and associated progress, Monitor the overall construction schedule and evaluate the progress of overall construction work, recommend the countermeasures, and Direct the Contractor to take necessary steps to maintain the rate of progress of work. If the Contractor fails to achieve any of the Project Milestones, the PMC shall identify the causes of delays, and review the Program submitted by the Contractor. Identify the reason for the delay, review the project completion schedule, and assess compensation to the Contractor, if the works are suspended for reasons not attributable to the Contractor. Determination of the disposition of any time extensions requested by the Contractor with their reasonableness.

**Project Budget and Cost Management:** Review project budget and cost plan, Estimate overall project cost, Assess the financial position and project long-term financial statement. Certify all contract payments and satisfy in monitoring the same, Make fair and reasonable assessments of the payment requests by the Contract, and certification of full or partial payment, depending on its assessment of the Contract payment request. Determination of the disposition of any cost proposals submitted by the Contractor with their reasonableness.

**Communication Management:** Internal Communication, Communication with Clients, Communication with Contractors, Coordination with Clients, Coordination with respective HQs and divisions of Zonal Railways and Regional / Site Offices. Pay the most attention to close coordination with the Client in the performance of all services. Responsible for Inception Report, Daily Report, Weekly Progress Report, Monthly Progress Report, Quarterly Report, Completion Report, and Any Other Reports as sought by the Employer from time to time &Recommend acceptance or rejection of completed work, Verify the measurement of the quantity of work executed and check the payment certificate, Prepare integrated periodical reports

**9. DYNAMIX Engineers Infratech Ltd.[Dubai] / Mumbai[EPC] ] Dubai Metro Rail Project Apr’06 – May’09 [TBM]**

Client: Roads and Transport Authority Dubai Project: Dubai Metro Rail Project

Reporting Manager; Owner/MD Reporting Team size; Directly, Indirectly 100 No’s

Project cost; 12000 CRs Position Held; Chief Project Manager /Director Projects.

**Job Responsibility:** Elevated 13 km+7 KM UG], Twin Tunnel Cross Section Area of Tunnel 26.42 Sq.M, 36.31SqM & Dia of Twin Tunnel 5.8 M,6.8 M][ By NATM, TBM, Blasting Method] Design Phase: Design. Review and construction of Elevated Metro [9KM] **/** Underground Structures and Viaduct, Shafts, Cavern, Temporary Support Systems, etc Overseeing ensuring that all projects are completed as per the planned and prescribed specifications & and standards, within deadlines and without cost overruns, Head the detailed design plan and profile drawings of metro track including a depot, Tunnel, for the construction and safety point of view and provide comments to GC and contractors.  Reviewing of contractor's as-built record drawings, and track parameters. **Metro Railway Track Linking & Design / Ballastless Track Design / Testing & Commissioning / Tendering / Budgeting / Costing / Project Management** The tunnel Design team, reviews, and finalization the preliminary and detailed designs for civil and E&M works. Review of surveys, Geotechnical Investigation Over All In charge construction of tunnel by using cut & cover method, bored tunnel and 2 no’s EPBM, one no’s NATM station, two no’s TBM which includes drilling, blasting, rock bolting, short creating. All activities of the Construction of the Metro line project right from the survey, Lead the techno-functional aspects of Contracts/Projects of the Company. Develop and implement procedures for contract management and its administration in compliance with the Company policy and its business plans. Providing managerial, financial, operational, technical & and analytical support to the top management for decision-making regarding contract/project management. Independent in charge of the contract management of the projects. Responsible for preparing comprehensive project documentation/status reports from conceptualization, and visualization to technology mapping, and budgeting to the successful completion of the Electrification/OHE, Track Laying, Civil, Signaling, etc. The one point of contact for all incoming and outgoing project information. Ensuring proper distribution of project information to all the relevant project team members/clients/vendors/sub-consultants. Represent the Company, attend client meetings & and vigilantly track new opportunities, conduct detailed due diligence (Technical, Financial, Legal, etc.) for small/medium/large size projects to participate suitably through tender/direct negotiation & and show expertise in business development as well. Construction of diaphragm wall. Efficient in planning, Monitoring, Budgeting, and client handling, Underground Tunneling Permanent bridge structure, Precast R.C.C. /Prefabricated structure, Extra dosed Continuous box girder/ Progressive Cantilever Bridge/Temporary Structure, Civil and structural, Fabrication, Finishing Work, experience in Segmental Castings, expertise in Girder Launching. Experience in Elevated Structures. Sound technical knowledge in all activities. Coordinating with various sub-contractors for planning & and scheduling the project activities so that smooth and timely execution can be achieved. Supervising all the Civil works involved in the execution of projects. Planning & and controlling manpower and material for project execution. Responsible for the Submission of various reports and Tunnel designs following the Construction Plan & and in line with the Agreement. Well, conversant in the latest IRC, BS, Australian in, AASHTO, EURO, PIARC, ASTM, etc. Codes related to underground structures, Tunnel construction & Rock Mechanics, etc. Well-versed with NATM Construction and design systems. Software Knowledge - Preferably knowing Tunnel Designing & Underground Designing Software. Computer Proficiency - well versed with Microsoft Office.

1. **Union Station (UT, connecting with Red Line) 2. Palm Deira Station (U)**

Tunneling Length 6000+4000 m Cost Client DMR PROJECT method of Construction EPB [Earth Pressure Balance machine, With Slurry Shield], TBM /New Australian method

**Responsibility: Project Management Support:** Prepare and implement coordination procedures, Advise and assist in preparing the procedural system, and Interact with designated officers and staff regularly. Attend review meetings and be available to attend meetings and make use of MIS in carrying out its assignment Assist the Employer in coordination with different agencies, Prepare and implement project control procedures, implement document control procedures

**Contract Management Support:** Support preparation of correspondence to contractors, Manage claim control, Manage change control, and Issue the relevant certificates as may be required in the DB works contracts documents and available and cooperate to the full extent of familiarity with the DB contract during DAB meetings, arbitration proceedings, and other hearings held by the statutory and legal bodies.

**Programme Management:** Review a master project program, Review contractors' programs and associated progress, Monitor the overall construction schedule and evaluate the progress of overall construction work, recommend the countermeasures, and Direct the Contractor to take necessary steps to maintain the rate of progress of work. If the Contractor fails to achieve any of the Project Milestones, the PMC shall identify the causes of delays, and review

the Program submitted by the Contractor. Identify the reason for the delay, review the project completion schedule, and assess compensation to the Contractor, if the works are suspended for reasons not attributable to the Contractor. Determination of the disposition of any time extensions requested by the Contractor with their reasonableness.

**Project Budget and Cost Management:** Review project budget and cost plan, Estimate overall project cost, Assess the financial position and project long-term financial statement. Certify all contract payments and satisfy in monitoring the same, Make fair and reasonable assessments of the payment requests by the Contract, and certification of full or partial payment, depending on its assessment of the Contract payment request. Determination of the disposition of any cost proposals submitted by the Contractor with their reasonableness.

**Communication Management:** Internal Communication, Communication with Clients, Communication with Contractors, Coordination with Clients, Coordination with respective HQs and divisions of Zonal Railways and Regional / Site Offices. Pay the most attention to close coordination with the Client in the performance of all services. Responsible for Inception Report, Daily Report, Weekly Progress Report, Monthly Progress Report, Quarterly Report, Completion Report, and Any Other Reports as sought by the Employer from time to time &Recommend acceptance or rejection of completed work, Verify the measurement of the quantity of work executed and check the payment certificate, Prepare integrated periodical reports

**Execution, Development, Construction of Tunneling work**, Survey. Line of alignment ground conditions is well documented TBM/New Australian method App. 10000 m length for the DMR project, by, Open face TBM in Soft ground, behind all types of tunneling, used backup system, and the assignee will be involved deeply in many aspects of the construction process: design liaison, reviewing the quality of work, assessing/advising on liability concerning contractual claims, or assessing values of work done and problem-solving. Overall In charge 4, no’s Station Manager reporting to me & casting yard team, safety team, mechanical team, electrical team, tunnel team, accounts, admin, timekeeping and stores For Tunneling from TBM [EPB with Slurry Shielded], Detailed to Geotechnical parameters.

1. American Techno Logy Based Solar Thermal Power Plant Factory Manager / Construction Head[Bikaner] For ACME Tele Power Ltd,

2. MRVC [MRVC Ltd. A PSU of Govt. of India Ministry of Railways), Electrification/OHE, Track linking Track Laying, Civil, Signaling, etc.

3. Construction of EMU maintenance car shed between Nallasopara and Virar stations of western railways.

4. Construction of new FOB in Mumbai suburban section lowers Parrel, Elphinstone Road (n) of Mumbai.

5.. Construction of New FOB in Mumbai Suburban Section at Bandra (c) Vasai Road (n), Virar of Mumbai Division.

6, SteelFabrication Erection of FOB Apr.900000 MT, Launching of Steel Girder, Steel Column, Beam Steel Structure for Foot Over Bridge.

**B. Mega High Rise Building,35+G 50+G, 70+G Commercial [7-star hotel, Shopping Malls [Dubai],250 ACRE**,

Reporting Manager; Owner/MD Reporting Team size; Directly, Indirectly 40 No’s

Project cost; 12000 CRs Position Held; GM/Project Head /Director Projects.

No. of Tower;7 B. No.[5x35+1x50+1X70] Projects; [**High Rise Buildings by using Share-wall Technology with MIVAN] Mixed** Commercial [7star hotel] +Malls+ Ultra LuxuriousResidential+ Shopping Complex +Under Ground Car Parking+ Sea Shore + Till 25 Floors Duplex In All Ultra Luxurious Residential Towers with all amenities

S, No Agency /Owner Project Name Location Position Status of Work Remarks

1, Zircon Ph. 23 Marina Dubai UAE / Dubai A, B, C, D, E[35 Floor], E 7 Star Hotel Completed At Par Completion

Hiranandani, Eta Star JV Do------ ---Do---- F, G [50+G Floor] Completed ----Do-----

Do---- ----Do--- H[70+G Floor] Completed Delay 6 Months

[ Till 25 Floors Duplex In All Ultra Luxurious Residential Towers]

1, Owner/Developer; Hircon International, 2. Design Consultants/Architects; Hafiz Contractor/KEO International, 3. MEP or Structural; KEO International, 4; Main Civil Contractor; Dubai Civil Engineering Dynamic Engineers JV, 6. Escalator Contractor; Mitsubishi JV 5. Construction Period; April 2006 To May 2009

JD: Independently managing Coastal Roads Bridges or Structural/ Geotechnical engineering design for Bridges in planning, design, and execution of Coastal roads on reclamations, Bridges, and Seawall /Breakwaters. Project execution as per the stipulated norms within the estimated cost, timeline & and quality. Monitoring anticipating any possible delays and taking advance actions. Frequent site visits to different project sites; and coordination with the site team on a daily basis to lead site progress as per baseline & and priorities. Adherence to HSE statutes and norms. Adherence to the quality of the project as per the statutes and norms. Adhering to Government and Municipal rules and norms during Project execution. Review & and monitor daily, weekly & and monthly progress reports as per the master construction schedule & and priorities. MIS report and other management costing reports. Productivity and wastage monitoring and control, Cost monitoring, Review and reporting highlighting Variances with Reasons. Periodic review of Cost to Complete as per actual and identify potential areas of cost-saving. Reporting: Prepare & and submit Progress Reports along with Budget estimates vs. Actual Cost Reports to the HO. Relationship Management: Interface & and maintain a productive working relationship with all stakeholders internally & and externally, with Consultants, Architects, Statutory-Authorities, Contractors, Vendors / Subcontractors, and customers Quantity Survey, measurement, certification of contractors/vendors' bills, and approval of the payment as per the contract. Team management. Construction of building a commercial tower. The project is in the starting phase now.  Techno-commercial should have managed real estate commercial projects/hotel projects, Coordination for the entire projects, shopping malls, luxurious villas, Bungalows, rowhouses, and group housing projects. [Mixed-use Ultra-luxury, Residential Commercial, 7-star hotel, Mega High Rise]. Plan, organize, develop, and directed activities concerned with the construction of structures, Tendering and contract, facilities, equipment, machines, and systems, etc., Green Engineering techniques, advanced construction techniques such as post-tensioning, pre-tensioning, pre-engineered buildings, advanced materials, etc. Preparation of tender documents for all Civil, MEP, HVAC, firefighting, and finishing works. Coordination with various construction-related agencies, and subcontractors for identifying the right vendors, shortlisting, negotiating costs, tracking, project reports, etc.

**Coastal Road 25 KM 4 lane 10000 Crs:** Construction of The roadway subsystem, inclusive of the vehicle, pavement structure, roadside configuration, drainage, and water crossing infrastructural elements; • The ground support subsystem, embracing the roadway formation stability against erosion, sliding, and deformations; and • The coastal defense subsystem as it applies to the protection and integrity of the roadway and ground support system against wave attack, Flexible/Rigid pavements, concrete block pavement, 150 Hectares,20KM reclaimed land in intertidal zone An interchange is a grade-separated intersection (one road passes over another)

**10. DCM SHRIRAM Consolidated (I) Ltd. Malaysia as G M - Project Mar’2004 – Apr’2006 [TBM/NATM]**

**1.34.9 KM Malaysia Kualalampur Rapid Rail city Project Elevated[22.9KM]** / **Under Ground Railway Project 2000 Crs. extension to Putra Heights [Length 12 KM Twin Tunnel,** By NATM, TBM, Blasting Method ]**[ Cross-section Area of Tunnel 26.42 SqM,36.31SqM & Dia of Tunnel 5,8 M,6.8 M]**

**Name of assignment or project:** Kuala Lumpur City Rapid Rail Project **Month and Year:** Mar 2004 to Apr 2006 **Location:** Malaysia

**Client:** Prasarana Malaysia **Main project features: Phase- 2** [Pasar Seni](https://en.wikipedia.org/wiki/Pasar_Seni_LRT_station" \o "Pasar Seni LRT station) - [Gombak](https://en.wikipedia.org/wiki/Gombak_LRT_station), [Kelana Jaya](https://en.wikipedia.org/wiki/Kelana_Jaya_LRT_station) - [Putra Heights](https://en.wikipedia.org/wiki/Putra_Heights_LRT_station) Mostly elevated, Subsurface station(s): [Sri Rampai](https://en.wikipedia.org/wiki/Sri_Rampai_LRT_station), Underground station(s): [Ampang Park](https://en.wikipedia.org/wiki/Ampang_Park_LRT_station" \o "Ampang Park LRT station) - [Masjid Jamek](https://en.wikipedia.org/wiki/Masjid_Jamek_LRT_station), [Bombardier Innovia Metro](https://en.wikipedia.org/wiki/Bombardier_Innovia_Metro) 200 & 300,266 carriages; 2-car & 4-car trainsets, Line Length 46.4 KM, Track Length 1435mm, Electrification Fourth Rail 750 VDC –Linear Induction Motors, **Width**: 2.65 m (8 ft 8 in), **Length**: 67.1 m (220 ft) & 33.7 m (111 ft), Design Speed 80KM/H

**Reporting Manager; EVP-Projects Reporting Team size; Directly, Indirectly 20 No’s**

**Project cost; 2000 CRs Position Held; GM Projects**

***Activities Performed:*** Design. Review and construction of Elevated/ Underground Tunnel[By NATM, TBM, Blasting Method] Structures and Viaduct, Shafts, Cavern, Temporary Support Systems, etc Overseeing ensuring that all projects are completed as per the planned and prescribed specifications and standards, within deadlines and without cost overrun, Overseeing ensuring that all projects are completed as per the planned and prescribed specifications & standards, within deadlines and without cost overruns &Well conversant in the latest International Standards & Codes, like IRC, BS, Australian, AASHTO, EURO, PIARC, ASTM, etc., related to Underground Structures, Tunnel Construction & Rock Mechanics, etc. conversant with NATM Construction and Design System. Specialized in Design Software for Tunnel design and Underground Designing. Proficient in the use of Microsoft Office software. Leadership ability, with good communication skills. Responsible for heading the Tunnel Design team, Reviewing and finalization the Preliminary and Detailed Design for Civil and E&M works. Collection and review of Surveys, Geotechnical Investigations, and Data before submission to Competent Authority; and also Field Inspectors' Reports, QA/QC Reports, etc. Review the Construction Cost w.r.t. bidding and assist the contractor in the Cost Optimization area. Coordinate with the Designers, Proof-checking Consultant, the Authority’s Engineer, and the Authority on the issues of Design and drawings. Evolve a System approach with a Proof-check Consultant/ Authority Engineer, to minimize the time required for approval and issue of construction drawings. Submission of various Reports and Tunnel Designs following the construction plan, and in line with the agreement. Reviewing Project Scope of work, Strategies, execution plan, Constructing Strategies, etc.

**Project Management Support:** Prepare and implement coordination procedures, Advise and assist in preparing the procedural system, and Interact with designated officers and staff regularly. Attend review meetings and be available to attend meetings and make use of MIS in carrying out its assignment Assist the Employer in coordination with different agencies, Prepare and implement project control procedures, implement document control procedures

**Contract Management Support:** Support preparation of correspondence to contractors, Manage claim control, Manage change control, and Issue the relevant certificates as may be required in the DB works contracts documents and available and cooperate to the full extent of familiarity with the DB contract during DAB meetings, arbitration proceedings, and other hearings held by the statutory and legal bodies.

**Programme Management:** Review a master project program, Review contractors' programs and associated progress, Monitor the overall construction schedule and evaluate the progress of overall construction work, recommend the countermeasures, and Direct the Contractor to take necessary steps to maintain the rate of progress of work. If the Contractor fails to achieve any of the Project Milestones, the PMC shall identify the causes of delays, and review the Program submitted by the Contractor. Identify the reason for the delay, review the project completion schedule, and assess compensation to the Contractor, if the works are suspended for reasons not attributable to the Contractor. Determination of the disposition of any time extensions requested by the Contractor with their reasonableness.

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**2. Commercial Complex 50 Lakhs Sq. feet**

**3. Residential Building fifty Lakhs sq. feet 3. Ultra Luxurious Residential Building35+G,40+G, 45+G, 50+G**[**,**](http://jobsearch.naukri.com/me-m-tech-civil-full-time-course-dot-plus-design-built-experience-in-epc-civil-contracting-companies-dot-large-multiple-projects-operations-coordination-dot-residential-commercial-mixed-development-and-industrilal-multiple-projects-dot-jobs)**150 ACRE**

No. of Tower;11No.[6x25+1X35+1X40+1x45+1X50+] Projects; Mixed Commercial **Mivan** **construction** technique which offers strength and durability to a building by use of aluminum formworks. . [**High Rise Buildings by using Share-wall Technology]** [5star hotel] +Malls+ Ultra Luxurious Residential+ Shopping Complex + Under Ground Car Parking+ Sea Shore + Swimming Pool Every Six Floor in Ultra Luxurious Residential Towers with all amenities, Experience Details For 35 Story or More; [starting from mid to completion]

DCM Shriram Group20 Makhdoom Road Sharjah A, B, C, D, E, F [25 Floor]+G Completed At Par Completion

----Do-- ----Do-- G, H Y, X [35, 40,45,50 Floo]+G

Mixed Commercial Residential Completed -------Do--------

Do--- -----Do---- -----Do--- Z [50 Floor 5 Star Hotel] Completed -------Do-----

Swimming Pool Every Six Floor in Ultra Luxurious

1. Developer; Shriram Real Estate Developer 2. Design Consultants/Architects; Hafez Contractor/KEO International 3. MEP, Structural; Nakheel Contractor 4; Main Civil Contractor; Javed Civil Construction 5. Escalator Contractor; RWDI 6. Construction Period; Mar 2004 to Nov 2006

20 Al Makhdoom Road Sharjah Bridges or Structural/ Coastal roads design for Bridges in planning, design, and execution of road on reclamations, Bridges, Seawall /Breakwater for Infrastructure execution work like Road and allied works, WTP, Drainage, Domestic and Recycle water supply, Steel and RCC structures, Footpaths and allied works, Sewerage treatment plant, Sewerage pump house, Office buildings, Development work, Planning, Estimating and Costing, commercial complexes, Tendering, Billing, Drawing coordination with consultants, Small bridges( 8mts to 18mts span), Pilling works, Precast R.C.C. /Prefabricated structure, hollow blocks of size 5mx7m (Approximate weight about 50 tons) for culvert and Vendors meetings, managing with complete finishing, design, tendering, structural designing, contracting, legal, billing project, closer. Supervising marketing, PR, IT & HR functions, Turnaround strategy, Branding, Training, Assisting, Strategy making to invade the market, Method Development, and Developing systems to smoothen the process. Looking after the overall function, Dir. phases of construction of high-rise buildings, commercial projects, mixed-use projects, commercial, and shopping malls )Experience in the Geotechnical field with operational and business development experience in Foundation Engineering (Piling, Retaining Structures, and Ground Improvement et Construction of Water Treatment Plant, Raw Water Reservoir Extension of Cement Plant, Urea Plants, Meet all project milestones, execution, design & implement schedules, tendering process, costs & contract prices, Adhere to project completion & material delivery schedules. Handle HVAC, MEP, and services, and deal extensively with architects, consultants, contractors, vendors, etc. Adopt best practices in Construction, introduce new materials, technology, and value engineering techniques to reduce cost

1. Construction of Road Project, 2. Construction of Pipeline Underground Pipeline (layout to testing), Captive Power Plant 2x100 MW

3. Construction of Railway Electrification works, yard, and cement Cilo.4. Construction of cement and Urea Plant 5. Construction of WTP system.

**4. 60 KM Road, Coastal Roads[23.4] KM for project Malaysia Cost 6600 Crs.**

In the field of road transport, an interchange is a road junction that uses grade separation, and typically one or more ramps, to permit traffic on at least one highway to pass through the junction without interruption from other crossing traffic streams. 35 hectares, 20 km of reclaimed land in the intertidal zone An interchange is a grade-separated intersection (one road passes over another) with ramps to connect them. Factors such as safety, cost, capacity, environment, development, and Policy can vary at every site; consequently, there are different unique, one-of-a-kind interchanges worldwide. Interchanges are designed to fit specific local conditions and meet driver expectations. Diamond Interchanges**]**

**11. KSHI DEHLI Metro Joint Venture [International Conglomerates] [EPC contracting company] Jan’2001-Mar’2004 [TBM/NATM ]**

**1. Delhi Metro Railway Corporation Delhi [Jan’2001-Mar’2004] As Project Head/Chief Project Manager**

**Reporting Manager; GM-Projects Reporting Team size; Directly, Indirectly 15 no’s**

**Project cost; 3000 CRs Position Held; Chief Project Manager**

**Project Site: DMRC (Delhi Metro Railway Corporation Ltd., A PSU of Govt. of India Ministry of Railways], [Length 4.5 KM, Twin Tunnel Cross-section Area of Tunnel 26.42 SqM,36.31 Sq M & Dia of Tunnel 5.8 M,6.8M ]** Construction of Elevated Metro Viaduct/UG Station Vishav Vidyalaya, Delhi Metro Station Line 2 - Package MC1A Vishav Vidalia to ISBT Design-build civil works plus ventilation and air-conditioning facilities, to Central Secretariat Design-build civil works plus ventilation and air conditioning facilities the 4.5km MC1A northern section with four stations are designed as open-cut, including running tunnel. DMRC Metro rail project Experience in the field of Traffic Engineering, 2. Transport planning team analyzing traffic data, preparing traffic forecasts, developing transport mobility plans, Expertise in FIDIC conditions of contract and concession agreements and their interpretations. Pre-qualification, post-qualification techno-commercial & and financial bids.

***Activities Performed****:* Overall In charge of Design development and construction, Tunneling operation by TBM, alignment survey line, hard rock with double shield/EPB with slurry shield, rotating cutting wheels, cutter head followed by the main bearing, Electrification/OHE, Track Laying, Civil, Signaling, etc. Temporary/Permanent structure, timekeeping, and stores ground conditions are well documented TBM/NATM Approximate 4500 m length by TBM and 1400 m by, Open cut, TBM in Soft ground, behind all types Soil, tunneling used backup system, [Design Build Procurement] TBM 369 Days 24/7 work to, Over All In charge 5 no’s Station Manager reporting to me casting yard team, safety team, mechanical team, electrical team, tunnel team, accounts, admin, timekeeping & stores Preparation of Master Plans, Techno-economic feasibility studies, Detailed Project Report, preliminary & detailed engineering design, project management, construction supervision, quality control, traffic and transportation study, road safety audit, operation, maintenance, survey, Investigation, and EIA / EMP, the KSHI JV on the adjoining 4km of cut cover subsurface alignment, working towards completing construction for an earlier revenue opening date (ROD) than the planned January 2006 and March 2005 dates respectively. Despite facing difficulties of its own on the cut and cover works, the 50-month KSHI (Kumangi/ Skanska/Hindustan/ Itochu) JV's MC1A contract will meet some ROD five months earlier than planned in November 2004 while IMCC is working towards having its 60-month contract open to the public seven months earlier than planned in June 2005. Transport engineering, precast RCC /prefabricated structures, railways, bridges, flyovers, tunnels, viaducts, urban and regional development, geotechnical, structural design, environmental studies, and monitoring.BD & and develop PPP projects and handled as team leader. Well-conversed in the latest International Standards and codes, like IRC, BS, Australian, AASHTO, EURO, PIARC, ASTM, etc.

**JOB ROLE:**

**Project Management Support:** Prepare and implement coordination procedures, Advise and assist in preparing the procedural system, and Interact with designated officers and staff regularly. Attend review meetings and be available to attend meetings and make use of MIS in carrying out its assignment Assist the Employer in coordination with different agencies, Prepare and implement project control procedures, implement document control procedures

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**Communication Management:** Internal Communication, Communication with Clients, Communication with Contractors, Coordination with Clients, Coordination with respective HQs and divisions of Zonal Railways and Regional / Site Offices. Pay the most attention to close coordination with the Client in the performance of all services. Responsible for Inception Report, Daily Report, Weekly Progress Report, Monthly Progress Report, Quarterly Report, Completion Report, and Any Other Reports as sought by the Employer from time to time &Recommend acceptance or rejection of completed work, Verify the measurement of the quantity of work executed and check the payment certificate, Prepare integrated periodical reports

**12. Punj Lloyd Ltd., Nehru Place [EPC Contracting Company] New Delhi; Jan’1990 – Jan’2001**

Joined as getting and rose to the post of AGM, Sr. DGM, Head of Contract, Team Leader & Head of Project

Reporting Manager; GM PROJECTS Reporting Team size; Directly, Indirectly 15 No’s

Project cost; 2000 CRs Position Held; Sr. DGM/Head of Project

**1. Railway Projects**

**[A] Dhaka Chittagong Railway Project Bangladesh [Bangladesh Railway Authority] Funded by ADB as Team Leader & Head of Project from Jan-1994 to Mar- 1999**

**JOB RESPONSIBILITY:** Constructed Elevated/Underground Station, Structures,Construction of Twin Tunnel Length 7.8 KM Dia 6.8 M, Cross-section area 36.31 Sq M], civil structures and track works for Double+ Single line railway involving formation in embankments/cuttings, ballast on formation, track works, bridges, structures, buildings, including, testing and commissioning from Dhaka to Chittagong Bangladesh Execution, Design, Development, Construction of Tunneling works, Survey. Line of alignment ground conditions is well documented TBM/New Australian method by, Open face TBM in Soft & Hard ground, behind all types of tunneling, used backup system, and the assignee will find involved deeply in many aspects of the construction process: design liaison, reviewing the quality of work, assessing/advising on liability concerning contractual claims, or assessing values of work done and problem-solving. Over All In- charge 4 no’s Station Manager reporting to me & casting yard team, safety team, mechanical team, electrical team, tunnel team, accounts, admin, timekeeping and stores for Tunneling from TBM [EPB with Slurry Shielded], Detailed to Geotechnical parameters. 2) Review the previous and ongoing related studies and data collected including Metro Rail Project Phase 1 Design Standards. Review the structure plan and engineering study. Coordinate with the Chief Architect related to station design. Review of Design Standards, Design Criteria, and Loading Scheme including underground structures.  Assist in the preparation of answers to questions from bidders. Evaluate the bidder’s proposal for civil/structural works. Supervise all Experts/Engineers in the Underground section.  Verify completed work and prepare a request for payment to contractors Certify progress claim from Contract, Review of Design and plan of the geotechnical engineering.  Review of the construction plan for tunnel boring machine methodology for underground civil engineering.  Review of the tunneling construction method.  Develop the tunnel construction plan and methodologies.  Review of engineering design of substructures.  Review of the construction plan for an underground station.

**B] Railway Project (Hazarat, Nizamudeen) in New Delhi Construction** of railway track, railway platform formation of the track, administrative building, viaduct, stations, car depot substation OCC, residential quarter, and other railway civil works, electrification of the track, Bridge Projects Embankment, filling, approaches, pier, and abutment, retaining wall, wing wall, raft foundation.

**2, National Highway/Expressway Project; Four /Six Lanning /expressway costing 1000 CRs,** Executed 410 KM**,** Construction management supervision of National Highway, as a Team Leader project preparation of DPR of four /six planning, Interface Management: Interface with the client, contractor, and subcontractor and resolve the issue.

**A. Kota to Jhalawar National Highway four Lane [By Pass] 80km Com18 Months.**

**B. Jaipur Delhi NH Project 4 Lane 150 Km Comp36months.**

**C. Delhi Mathura Road NH 6 Lane, Rigid& Flexible Pavement 40 Km Comp18 Months.**

**D. Jabalpur Jaipur NH 12, 45km Six Lane Road 15 Months.**

**E. Kota Bijoliya Udaipur NH Project 4 Lane Road 95 Km Comp 36 Months. [Hilly Terrain]**

**JOB RESPONSIBILITY:** Design, Developing, and Construction of National Highway and expressway projects, execution planning of earthwork, Proven Track record of in-depth knowledge of traffic modeling and analysis; traffic demand estimation, forecasting, and ridership estimation; capacity analysis for highway/motorways, junctions, roundabouts, toll plazas; design of traffic signage, road markings, and traffic signal, have exposure to AASHTO, DMRB and other US codes and international highway standards.  Proficiency in software for building models or scheme assessment: JUNCTION 8, INTERSECTION 7, VISSIM, SIDRA, TRANSYT software packages along with Micro station, subgrade formation, WMM/WBM pavement works. Developing and applying computer-based transport models (comprising highway and public transport/transit models) using state-of-the-art transport modeling software. expertise in different testing procedures CBR penetration test and AASHOO test for construction of flexible or rigid pavements for airfields, using a slip-form technique using two types of paving equipment namely WRITTEN SP 500, CMI used for lane construction projects this would involve utilization of resources cost monitoring MIS coordination with client’s sites strategic planning resources management, project scheduling develop, implement a process that meets the approved quality & standard specification FIDIC, MORTH, IRC, BIS manage the quality cost & time as per budget and contract terms. Managed curve design for WBM/WMM road, bituminous road asphalt layer crushing plants, bituminous hot mix plant & and lying of ready mix concrete road by batching plants & and adequate.

A. Efficaciously rendered risk alerts to the management and oversaw the PPP model contracts Project Execution, reporting, presentations, budgeting, and various analyses. Heading the entire road project, and bridge, including tendering, estimation, exposure to the national highway, roads /BOT/DBFOT, and NHDP phase bids.

B. Production of ready mix concrete from batching plant for concrete pavement, a big foundation with quality control parameter knowledge of different types of admixtures used in construction chemicals, plasticizers, superplasticizers, air-entraining admixtures, using natural, artificial pozzolanic material, making pumpable concrete, placing concrete.

C. Extensive knowledge of working for NHAI, infrastructure projects, state government projects, and other BOT, DBFOT, and BOOT projects, expertise in project management, planning & and design, construction supervision, project monitoring, contract administration, quality assurance, etc.

D. Head Estimator in Tendering department & secured 11 no’s Tenders, of tendering value of more than 300 CRs to 1200 CRs. Heading Construction of Major projects of Thermal Power/Solar /Hydro/Oil & Water/Transport/Railway Bridge projects/NH/oil & gas, refinery amounting values 350 CRs to 2000 CRs

E. Knowledge of setting up large toll operations, toll technology, traffic management, and revenue collection. Operation of Highways, Monitoring of safety performance, Safety Audits, etc. Liaison & and coordination with CGM, GM, govt. Authorities clients. Techno-commercial knowledge about the bidding viability of large projects. Experience in the field of Traffic Engineering, Transport Planning, and Traffic Solutions. Transport planning team analyzing traffic data, preparing traffic forecasts, developing transport mobility plans, Oversaw the designing & and execution of the Bridge, Highway Project, and Road Construction and maintenance NH Project Total No.6 Length of 4, 6 Lane and expressway 410 Km Consultant & PMC Rites Ltd

**3. Bridge Projects [Total No. 5 Total Length 8.2 KM]**

A. Bridge Projects (Chambal River) 1.2 Km with Caisson, Well Foundation. Construction& familiar with modern methods of construction of bridges/ROB/flyover involving RCC/pre-stress concrete, design standards, technical specifications, and statistical Quality Control/Assurance procedures for construction of different components of bridges; Experience in supervision of Major Highway Bridges on Pile/Well foundation; Experience in supervision of Rehabilitation. **B**. Bridge Projects 500m -4nos Open Raft & Pile Foundation & Caisson Foundation

**4. Power Projects Thermal;**

**A. Kota Super Critical Thermal Power Project 3x250 MW [**Coal-fired TPP 3 No’s Unit, 30 KMT&D Line

KRA; Execution &Modern O&M, of 3x250 MW, Running, a coal-based power plant covering new projects, clean coal technologies, emissions control, retrofits, and upgrades. The smooth functioning of various boilers [AFBC/CFBC] varying capacities &various steam turbines & AHP, CHP Systems management including O&M of AFBC/CFBC type coal-fired boilers. More plant o & m points are plant automation, plant optimization, safety & and protection, instrumentation & and controls, Testing, Pumps& and valves, and o & m retrofits & and upgrades.

**B. Badarpur Delhi 3x110 mw 3 No. Unit [Operation**, **Maintenance & execution**] 35 km T&D Line

KRA: O&M of different types of boilers (AFBC/CFBC], varying capacities, and different types of steam turbines, including O&M of CHP, AHP, etc. The key technical problem areas typically identified in the program are as follows: Poor condition of boiler pressure parts with high erosion, overheating, external corrosion, oxide deposits, weak headers, pressurized furnace, etc. Poor water chemistry has affected the condition of the boiler and turbine in many cases. The water treatment plant is often in a dilapidated condition. Poor performance of air pre-heaters due to blocked elements and high seal leakage Poor performance of the milling system resulting in high unburnt carbon. Execution of Railway Siding, Stacker Recamier, Track Hopper, Railway Electrification, Tilting Turn Table, Track Linking, Coal Storage platform, and Construction of Track. Sewerage Treatment Plant, Water Treatment Plant, Sludge Removal Techniques. This was often a result of a lack of preventive or scheduled maintenance. The poor condition of Electrostatic Precipitators (ESPs) results in high emissions. Problems of high axial shift, vibrations, and differential expansion in Turbine Low vacuum in condenser due to dirty / plugged tubes, air ingress, and tube leakages High vibrations in Boiler Feed Pumps and Condensate Pumps and passing of recirculation valves, resulting in low discharge High-pressure heater not in service in most of the units, directly impacting the energy efficiency performance Deficiencies in electrical systems including High HT and LT motor failures, poor condition of DC system, non-availability of Unit Auxiliary Transformer, etc., Poor condition of BOP Plant resulting in under-utilization of capacities.

**5. Hydro Power Projects; Sr. DGM/Project Manager. Project Cost 3000CRs Location of; Rana Pratap Sagar Dam/ Kota Dam** Specification of the Project: **[Twin Tunnel Length 16.6 KM Cross Section Area of Tunnel 7.547 Sq M, & Dia of Tunnel 3,1 M]** By NATM, TBM, Blasting Method Client Rajasthan Pan Bijli Pariyojana., Lead the overall project planning, scheduling, monitoring, resource allocation, project accounting, and control from the concept to the commissioning stage, while coordinating with various agencies (internal & external) and ensuring all compliances for project development within timelines, cost and with adherence to all quality control requirements. Operational expenses as per budgetary provisions, Capital expenses as per the requirements, and techno-commercial issues projects. Essayed stellar role in, constructing various dir. phases of hydropower Projects viz.Prepare detailed construction methodology Network Schedule jointly with client works managers, fixing weekly/monthly targets, billing for work done generates necessary revenues to independently manage all site expenses overseeing & planning, site leveling, grading, foundation, civil & structural works, Analysis & design of the dam, spillways, power intakes, retaining walls and related structures and estimation of quantities of related structures, construction stage drawings of the dam and allied works. Preparing & and reviewing technical specifications of various Dam structures working out a bill of quantities and unit rate analysis Equipment. Preparation of design report Preparation of draft drawings for the structures designed Checking and finalizing the drawings, monitoring physical progress and financial health of the Project based on regular feedback and reports from the Production Team. Chalk out corrective steps to be adopted for closing gaps, jointly with Client Team members, Regular visits to the Project site for monitoring of works and interaction with engineers, dam, pen stroke tailrace channel, approach channel, roads & powerhouse control, the parameter for RMC knowledge of different type Admixtures and construction chemicals, plasticizers, superplasticizers, air-entraining admixtures, fresh concrete resistant to freezing & thawing effect, using natural & artificial pozzolanic material, making pumpable concrete, placing concrete, Slip form technique, Barrage, Cofferdam, diversion structures, etc. Deliver contractual documents, Preparation of Civil Contracts, Hydro-Mechanical Contracts, and Electromechanical Contracts for hydro projects, Preparation of Consultancy Contracts, consultants are engaged for consultancy of any nature. Preparation of contracts of Engineering, Procurement, and commissioning (EPC) nature.

**A*.* Rana Pratap Sagar Dam [Hydro Power Project 2x72MW] Profile; Overall In-charge [Sr. DGM/Site Head]**

A. Crest length; 1715 M B. Dam Height; 80m C. Excavation 185000 M3 D. Fillings; 1,10,000 M3 E. Drilling;1,20,000 M Q F. Concrete;1,00,000 M3g.Grouting; 20,000 Mt [Cement, Clay, Bentonite Silica Gel] H. Intake Tower; 65 M [With Intake Gates At Four Level] I**. Tunnel;1.66KM Finished Dia 4500mm J. Galleries’; 875 M Long [ 2.0m To 3.5m K. Road; 30 Km [In Hilly Areas] L. Purpose; Irrigation M. Client; State Electricity Board Govt. of Rajasthan**

***B.* JAWAHAR SAGAR DAM[1x72 MW]. Profile; Overall In-charge Sr. DGM / Site Head**

A. Diversion and guide wall of Chambal River U/S &D/S B. Coffer Dams and 8M DIA, 721m long diversion tunnel on the right bank.

C. Construction of concrete gravity dam of 60.50 m height and 370 m long. D. 4 NOS. intakes with the opening of size 19.95 mx18 m.

F. 4 nos. Underground desilting chambers of size 525mx15mx30m each.

G**. 16.6 KM, Dia 3100 MM long horseshoe-shaped flushing tunnel, by NATM 4 gate shafts for flushing tunnels and all allied works**

**6. Mathura Oil & Gas Refinery Projects IOCL/ Dulia Jan Refinery; Construction of port,** Jackets, Piles, Decks, FPSO Topside Modules, etc. Prepare & and execute drilling plans as per guidelines. Coordinate with land, civil, and geological dept. personnel for the selection of the drilling site. Provide support in the provisioning of tangible and intangibles and in preparing well plans and the execution of daily operations. Provide support in budget preparation and maintaining the drilling and completion database. Review DPR & and maintain all drilling & and completion / work-over records. Analysis of the performance of procedure /equipment. Supervised Drilling, Completion, and workover rig. Implement and plan all phases of drilling activities, well completions, and well operations to ensure the timely completion of operations as per plan. Focus on more important core issues that impact projects; and carry out other tasks simultaneously whilst maintaining accuracy. Achieved by planning tasks, working logically, assimilating feedback, and thinking ahead. Mentoring of young engineers Bring out all critical issues relating to operations and manpower. Transfer real and conceptual technology related to Well Construction, Completion, and Maintenance that will increase production rates, increase recoverable reserves, and reduce operating costs. Ensuring compliance with all safety requirements as per DGMS, QA/QC for the wells & and completion equipment Make sure wells are executed and planned in an environmentally responsible, cost-effective, and safe manner. All operations are to be carried out as per QHSE guidelines/policy of the company. Enhance safe work culture among crew members’ marine and jetty onshore and offshore, expertise handling Drilling, Well Construction, and Well Intervention project management from the Oil and Gas Upstream Industry. Execution, Construction, Maintenance, Repair, O&M. Oil & Gas/LNG/ Refinery/ Petro Chemical Industry exposure (Upstream Downstream I.e. Explorations, Development, Productions) in offshore and onshore experience.

**7. Chambal Fertilizers & Chemicals Limited, Gadepan Kota, Rajasthan** Construction of foundations polish water tank, fresh water tank, water treatment plant, firefighting system, Raw water reservoir DM plant, oil storage tank, Day silo, Track hopper, wagon tippler, Raw water pipeline.

**8. Residential Township Colony [100 Lakhs sq. feet Cost 900 CRs] Raj. 5500 Houses, 200 Acre Mixed**

**9. Cross Country Pipe Line Project-HBJ Petro-Gas of 150 KM Cost [500] five Hundred CRs**

Construction of pipeline project, constructed ROW & many civil nature structures works as like RCC Retaining walls, Small Dams, Bridges, CausewayNP3, NP4 HUME pipe culverts, pipe racks, and pipe support coffer dams Retaining walls. Well-versed in civil construction activity, development of plot plans, piping general arrangements layouts, isometric with MTO and field engineering required and competent to site survey and relevant information gathering in support of major existing facilities extensions, and expansions. Large sizes cross country pipelines design and engineering, project laying bedding execution alignment erection & commissioning of petrochemical gas pipeline & ROW. Carbon steel GRE in the oil and gas Industry of size 18", 36”, 54", and above for 150 K.M. Completes pipeline constructions, Works starting from Struggling till hydro testing.

***SHIVENDRA KUMAR AGARWAL***