Sidharaj

Project Engineer

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Citizen: Australian

Driving License: India, UAE and Australia

OBJECTIVE

Currently pursuing a role that accommodates continuous career development and aiming to establish productive relationships with the internal and external stakeholders also to make a positive contribution to an organization’s growth and reputation, by utilizing commercial acumen, engineering experience and knowledge of technical guidelines and related legislations of the engineering.

SUMMARY:

I have significant, progressive experience in civil engineering projects within the construction and LNG industries. During my career I have participated in about 11 civil engineering projects, all of them were successful. I have experiences in multiple fields such as Pipe line works, Roads and infrastructures, Commercial and Residential projects.

SKIILS AND EXPERTISE

* Project Engineering & Management • Site Management
* Project Planning • Microsoft Suite Software (Excel etc.)
* Building Construction • Roads and Infrastructure Construction
* Piping – Oil & Gas, Water Industry • Navisworks
* Auto Cad • Draft sight
* Robot Millennium for Structure Design • MS Projects
* Primavera P6 • Communication

COURSES AND TRAINING

* Primavera P6 • Site Management System (SMS)
* Confined Space Entry • Fire Marshall Training
* Defensive Driver Training • Construction White Card
* First Aid Training • Auto CAD

COMPUTER SKILL:

Naviswork, Autodesk operating, Robot Millennium for Structure design, MS Project, Primavera, MS Office, Auto CAD, Internet & E-mail applications

EDUCATION:

Bachelor of Engineering in Construction with Honors

PROFESSIONAL EXPERIENCE:

A – *RAIL PROJECT*

1 – Employer: CPB Contractors Pty Limited, Australia

Joining Date: Aug-2015 to present

Project 1: Northwest Rapid Transit.

Project Value: AUD $8.3B

Role: Project Engineer

Responsibilities:

Responsible for all civil works including drainage lines, bulk excavation, utilities lines, Mass planting and road work for Kellyville Station

Duties:

* Tendering, negotiating, evaluating and recommendation of contract.
* Estimating quantities for job.
* Preparing AMS for the job.
* Raising technical query in timely fashion.
* Preparing permits and TRA for the task.
* Managing construction lots and regular inspection on site.
* Carrying Safety site walk
* Preparing L5 program.
* Carrying regular meetings with all stakeholders.

B – *UNDERGROUND SERVICES / PIPE LINE WORKS*

2 – Employer: Leighton Contractors Pty Limited, Australia

Joining Date: Sep-2011 to Jul-2015

Project 1: Gorgon civil and Underground Services.

Client: Chevron & KJV

Project Value: AUD $1B

Role: Project Engineer

Responsibilities:

Responsible for Class 1 (12.5 km of Logstor pipe, size range from 50mm to 600mm), Class 2 (11.5 km of HDPE pipe, size range from 100mm to 2000mm), Vents (563 manholes, CS pipe size 100mm) and Potable water (13.8 km of HDPE pipe, size range from 63mm to 90mm) piping; creating fabrication documentation, managing installation and testing including maintaining and monitoring all safety and quality systems.

Duties:

* Preparation and maintaining of Level 5 program for works
* Preparation of work packs and test pack required for executing the work.
* Monitoring of delivery and storage of materials required for work scope
* Preparation and review of CWMS and ITP related to work scope
* Participation in client coordination meetings and project review meetings
* Ensure the technical matters associated with Project works are compliant with technical specifications, applicable legislation, approvals standards and NRT SQE Risk Management processes
* Monitor the Project Plan and record progress against the program
* Ensure Site Diaries are completed on a daily basis
* Resolve engineering issues as they arise
* Manage the administration of Subcontractor packages
* Generate and follow up with close out of Requests for Information (RFI's)
* Participate in milestone design reviews as require
* Review adequacy of all documentation for construction purposes including verification of standards, codes and specifications
* People and stakeholder management skills
* Skills in coaching and mentoring and provide direction to employees and workforce
* Financial management skills including demonstrated behaviour in reducing costs and meeting budgets
* Construction management and specific technical skills base relevant to program of work and disciple area
* Effective problem solving techniques and skills especially as it relates to delivery of outcomes
* Presentation skills, e.g. facilitating team meetings and engaging groups to achieve outcomes
* Experience in analyzing and reporting on project performance, compliance and defects and/or non-conformance

3 – Employer: Abu Dhabi Maintenance and Contracting Co. (ADMAC), Abu Dhabi – UAE

Working Period: Jan-2009 to Sep-2011

Project 2: Development of Water Network in Abu Dhabi Island.

Client: TRANSCO

Project Value: DHS. 119 Million

Role: Project Engineer/ Structural Designer

Responsibilities:

Responsible for Structure designing of 41 manhole chambers including line anchors and thrust blocks at elbows, preparing bar bending schedule, 4 Non destruction road crossing (NDRC), shutdown at 4 different location, installation, testing and commissioning of 7 km potable water line ( Ductile iron pipe, size range from 800mm to 900mm) in main city area.

Duties:

* Structural design for piping related structure such as valve chambers, line anchors and thrust blocks as part of the overall water system
* Co-ordination and management of work on site through coordination workforce and design consultant.
* Monitoring and reporting on progress of work via QS process
* Management of the preparation of CAD shop drawings for approval IFC status
* Review and, where required, resolution of construction issues via design consultant and Project processes
* Development of CWMS for the work execution according with Project requirements
* Material Procurement
* Subcontractor management including review and approval of drawings, materials, suppliers on behalf of TRANSCO.

4 – Employer: Wade Adams Contracting L.L.C. Dubai

Working period: Jul 2008 to Dec 2008

Project 3: Palm Jebel Ali – Roads & Infrastructure

Client: Nakheel

Consultant: Hyder Consultant

Project Value: DHS. 838 Million

Roles: Sr. Project Engineer

Responsibilities:

Responsible for all QA documentation, raising technical queries, ordering materials and progress reports for meetings

Duties:

* Preparation and management of shop drawings and QA register.
* Preparation of weekly and monthly reports
* Preparation of WMS relating to the fabrication and installation of work scope
* Preparation and Management of RFI’s required resolve any technical issues identified.
* Material procurement including review of alternative materials and providing recommendation based on a technical and commercial basis

5 – Employer: J&P Overseas Ltd, Qatar

Working period: Apr 2006 to Mar 2008

Project 4: The Pearl Qatar – Roads & Infrastructure

Client: UDC

Consultant: Dar Al-Handashah Consultant

Project Value: Qr. 1 Billion

Roles: Site Engineer

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|  | Oct 97Nov 97-Mar 03 | |
| Responsibilities:  Responsible for Installation, testing and commissioning 65 km of irrigation lines include UPVC,  GRVE and HDPE pipes; 14 km of potable water line include ductile iron pipe; installation of manholes & associated fittings and several UPVC ducts for road crossings.    Duties:   * Fabrication, installation and testing of Sewerage line, Irrigation line and water line. * Fabrication and installation of execution variety of piping systems including GRP pipe, HDPE pipes, UPVC pipes and Ductile iron fittings. * Weekly co-ordination meetings with Client, Contractor, Architect and designers to review project and resolve technical and execution issues * Procurement and management of piping & fittings * Review of all QA requirements of the work scope including inspections, reviews and hold point * Development and preparation of construction program | | |
| 6 – Employer: B.G.Shirke Construction Technology Ltd. India.  Working period: Nov 1994 to Jan 2006  C – *ROADS AND INFRASTRUCTURE* | | |
| *Project: 5 -* JNPT Roads & Infrastructure – Navi Mumbai  Client – NHAI  Consultant – Stup Consultant  Project Value – Rs. 1.50 Billon  Role - Sr. Civil Engineer  Responsibilities:  Worked as a ISO coordinator and Quantity Surveyor  Duties:   * Preparing documents for ISO audits. * As ISO auditor, checking documents of other employees and ensure that are documents are up to date. * Checking bills of all the sub-contractors working on site against the worked in progress. * Estimating the quantities of all items for claims.   *Project: 6* - Satara Kholapur Highway (NH4) - Satara  Client – MSRDC  Consultant – Stup Consultant  Project Value – Rs. 1.40 Billion  Role- Sr. Civil Engineer  Responsibilities:  Site execution work for Roads (7.5 kms) and Infrastructure (Box Culverts (4 Nos.) Subway (1 No.)  With wing walls & retaining walls and pipe culverts (16 Nos.)) and handled site laboratory independently for 6 months  Duties:   * Plan and implement engineering activities to ensure that the project works are completed in accordance with plans, designs and specifications. * Review and improve existing designs, as appropriate. * Work as part of a construction team, interfacing with other disciplines and with foremen, the project design team as well as sub-contractors and site personnel * Manage and report weekly production rates and report against forecasts * Weekly updates on program status as well as look ahead programs. * Observe safe systems of work relevant to your work area and report potential hazards and environmental risk. * Mentor and train junior staff * Provide technical advice to key stakeholders * Preparation of technical reports, specifications and calculations * Preparing Sub-Contractors bills. * Preparing Bar-Bending Schedule. * Estimating quantities of work done for claiming Companies bill. * Caring inspections of activities carried on site and maintain all QA documents for work. * Quality control test like FSI, MDD/OMC, CBR, Sieve Analysis, LL/PL, Field Density test for soil, Sieve Analysis, AIV, Silt contents, FI/EI, Specific gravity for aggregate, compressive strength, fineness, soundness, initial final setting time for cement & compressive strength and slump for concrete with mix design was carried under my supervision during six month at beginning of project.   D – *COMMERCIAL PROJECTS*  *Project: 7* - Millennium Business Park – Navi Mumbai  Client – CIDCO  Consultant – Master & Associates  Project Value – Rs. 2.50 Billion  Role- Civil Engineer  Responsibilities:  Responsible for construction of 4 office buildings both RCC & Finishing work from foundation to handing over, extension of floors, 1 electric sub-station, 1 public toilet.  *Project: 8* - Educational Complex - Pune  Client – Jain Sangatna  Consultant – Ranade Consultant  Project Value – Rs. 7.0 Million  Role- Civil Engineer  Responsibilities:  Responsible for construction of 8 hostel buildings with a 30m high funnel shaped water tank.  *Project: 9* - CIDCO Office Complex – Navi Mumbai  Client – CIDCO  Consultant – CIDCO  Project Value – Rs. 1.00 Billion  Role- Structural Engineer  Responsibilities:  Responsible for Construction of 7 office buildings (9 Storey each) including Over head water tank and 2 lifts well  *Project: 10* - Morarji Brembane Mills - Nagpur  Client – Morarji Brembane  Consultant – Morarji Brembane  Project Value – Rs. 1.40 Billion  Role- Structural Engineer  Responsibilities:  Responsible for construction of an underground Dyeing tank - 700 cum of M-30 concrete & 35 MT of reinforcement  E – *RESIDENTIAL BUILDINGS*  *Project: 11* - 744 Tenaments - Pune  Client – CIDCO  Consultant – Master & Associates  Project Value – Rs. 2.50 Billion  Role- Site Engineer  Responsibilities:  Responsible for finishing and handing over of 7 residential buildings including construction of sewerage and potable water lines  Duties carried during C and D types Projects:   * Resource planning and ensuring that all engineering activities are correctly estimated and the works are delivered to the agreed budget. * Developing strong client relationships and identifying opportunities for repeat business. * Promoting and developing safe work culture. * Liaising with material suppliers and procurement to ensure materials are on site * Identifying future resources and materials requirement – ensuring materials are ordered and are on site as and when required. * Liaising with subcontractors and client representatives before, during and after construction. * Raising technical queries in a timely fashion to minimize delays on site * Ensuring works are constructed to relevant specifications * Monitoring of programmed works to on site progress | | |
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References –

To be provided on request.