

## PROJECT MANAGEMENT PROFESSIONAL - PROJECT ENGINEER CIVIL

*Successful track record of executing prestigious projects within defined cost/time parameters, managing entire operations with key focus on bottom line profitability by ensuring optimal utilization of resources under pressure to achieve the master construction schedule*



### Executive summary

- Competent, diligent and result oriented civil engineer with **11 years (EPC)** experience in high valued projects with knowledge of **Quality systems, Building, Highway standards** and modern **Construction technology**
- Currently spearheading functions as **project engineer civil** in china petroleum engineering & construction corps (**CPECC**) in diverse areas like **project management, construction supervision** and manpower management
- Professional competencies in reviewing the technical and commercial aspects of the project, preparing **proposals, budgeting**, implementing **cost reduction** processes while ensuring quality benchmark of the projects
- Articulate communicator, skilled at effectively collaborating with **clients, designers, consultants** to freeze the technical parameters, work scope to iron out any ambiguities and providing technical validation for project
- Referring American standards (**AASHTO, ASTM**), British standards (**BS, FS**), Asphalt manual (**AIM**), **SHELL DEPs** & Abu Dhabi municipality standards (**ADM**), Health & Safety norms (**HSE Guidelines**) to solve the site disputes
- Expertise in supervise and manage project activities including **project scheduling** and **resource allocation** with conceptualizing and optimizing resource utilization for maximizing productivity with streamlining operations
- Identifying critical issues related to site activities and ensuring timely resolution of queries with **Field change requests (FCR)** for uninterrupted construction; Implementing strategies for building team spirit

### Core competencies

EPC □ Oil and Gas □ Onshore □ Green field □ Brown field □ Upstream □ cross country pipeline □ Earth work □ Infrastructure □ Highways □ Road □ Bridges □ Culverts □ Piling □ stone/concrete foundations □ Under passes □ Tunnels □ Utility □ Drain Work □ Asphalt □ Substations □ Oil Plants □ Well Heads □ OHL Tower □ Gatch Pads □ Tank farms □ oil storage tanks □ AutoCAD, SAP □ Construction □ Site Engineering  
Civil Project Management □ Site Construction Management □ Planning & Scheduling □ Quality Assurance Drawings & Documentation □ Crisis Management □ Analytical Skills □ Material Management

### Professional Experience

<b>China petroleum Engineering &amp; Construction Corporation (CPECC)</b> 16 Project Engineer (Oil & Gas, Infrastructure)	Since Dec
<b>AL Tasnim Enterprises LLC</b> (Project Engineer – Bridge & Road) Nov 16	Sep 14 to
<b>Yuksel Inshaat A.S</b> (Site Engineer) to Aug 14	Oct 11
<b>Larsen &amp; Toubro Limited</b> (Site Engineer) Sep 11	Jul 06 to

## Achievements

- **Saved approx. 16.50 million AED** by replacing fill material from engineering fill to general fill
- **Saved approx. 0.53 million OMR** by finding natural soil and water resource at wadis with proper approval from municipality and ministries instead of buying them from market
- Successful achievement of **7.5 million safe man hours** without LTI in Lusail CP4 project
- Successful achievement of **6 million safe man hours** in salwa project
- Completion of 2.3 km road without damage of any underground utilities like QTEL, QAF, TSE, DSSS, storm water, Potable water, foul sewer system, irrigation line, land drain and sewerage system
- Achievement of **8 days cycle** for slab of 13000 sq.ft by using table formwork system

## Projects Undergone

<b>EPC Contractor</b>	<b>China Petroleum Engineering and Construction Corporation (CPECC)</b>
<b>Title</b>	<b>EPC for Mender field development project - phase 1, Mender Oil Field; Abu Dhabi, UAE</b>
<b>Client</b>	Abudhabi company for onshore petroleum operations limited ( <b>ADCO</b> ); value - <b>1.14 billion AED</b>
<b>Nature of work</b>	Greenfield & Brown field construction. (110 wells - oil producers, water injectors & disposal) Overhead line (OHL), substation, 3", 4", 8", 14" Nitrogen and crude oil pipeline, Asphalt road.
<b>Role</b>	Project Engineer- pipe line/flow line, duct banks, culvert, asphalt road and landscaping
<b>Responsibilities,</b>	<ul style="list-style-type: none"> <li>➤ Preparing project execution plan (<b>PEP</b>), method statements (<b>MS</b>), construction schedule (<b>P6 Program</b>), manpower and machinery <b>histograms</b>, <b>S curve</b> in association with planning department</li> <li>➤ Finalising project quality plan (<b>PQP</b>), inspection test plan (<b>ITP</b>), material approval sheet (<b>MAS/MAR</b>), project HSE plan along with QA/QC and HSE department with shop drawings submission log</li> <li>➤ Reviewing project drawings and raising technical query and <b>FCR</b> to design consultant very periodically and drafting <b>official letters</b> to communicate with consultant and various subcontractors</li> <li>➤ Executing all civil related works in <b>substation, gathering station</b>(chemical, potable water skid), <b>oil well heads, OHL Tower</b> and <b>oil pipeline sleepers, berms</b> and <b>beds</b> installation</li> <li>➤ Supervising and guiding various subcontractors for some special works like topographic survey, existing utilities identification, road marking with continuous micro level monitoring to get the progress</li> <li>➤ Regularly participating weekly construction progress meeting with employer and subcontractor to contribute and implement the resolution points on site to attain the progress as per baseline program</li> <li>➤ Close cooperation with QA/QC and HSE departments in order to ensure, the work is being performed adhering to specification and AFC drawing within stipulated time by promoting pro-active approach.</li> <li>➤ Construction of pipe <b>culverts, flow line duct banks</b>, soil stabilisation with slope protection in dune sand hill; Laying of sub grade, aggregate base course(<b>ABC</b>), <b>asphalt pavement</b> like <b>base</b> and <b>wearing courses</b></li> <li>➤ Median barrier, curb stone, interlock fixing, Construction of speed humps, installation</li> </ul>

of **traffic sign boards**, concrete posts and **bollards**, reflecting studs and **road lane marking** using **thermoplastic paint**

- Execution of cutting and filling works for asphalt road **embankment**, pipe line and various foundations; As-built drawings preparation with all related information for final submission to client

<b>EPC Contractor</b>	<b>Al Tasnim Enterprises LLC</b>
<b>Title</b>	<b>Construction of internal roads at Al-Amerat part 2; Muscat - Oman</b>
<b>Client</b>	Muscat Municipality; Project value - <b>14.5 Million Omani Rials</b> .
<b>Nature of work</b>	Culvert, road, pipeline, rock cutting, utilities, slope protection & asphalt- 40 KM. (EPC)
<b>Role</b>	Project Engineer- Bridge, culvert, Hill (mountain) roads, pipe line, slope stability and utility works.
<b>Responsibilities,</b>	
<ul style="list-style-type: none"> <li>➤ Establishing site office with all facilities for client, consultant and contractor. very close coordination with client, vendors, designers and various government ministries for data collections, <b>NOC</b> and approvals</li> <li>➤ Preparing project execution plan (<b>PEP</b>), method statements (<b>MS</b>), project quality plan (<b>PQP</b>), inspection test plan (<b>ITP</b>), material approval sheet (<b>MAS / MAR</b>) along with QA/QC department</li> <li>➤ Finalising project <b>HSE plan</b>, construction schedule (<b>P6 Program</b>), manpower and machinery <b>histograms</b>, <b>S curve</b> in association with HSE and central planning department with shop drawings submission log</li> <li>➤ Negotiation and Finalising various subcontractors for some special works like <b>blasting, topographic survey</b>, existing utilities identification and micro level monitoring to get the progress</li> <li>➤ Execution of pipeline work such as storm water, potable water, irrigation , land drain, sewerage system, raw water pipeline using <b>DI , BWSC, HDPE, UPVC, GRP</b> and <b>vitrified clay pipes</b></li> <li>➤ Carrying out <b>rock cutting, shotcrete, rock/soil stabilisation</b>, mass filling, fire hydrant, <b>Irish crossing</b>, (Box, slab, pipe, single &amp; multi cells) <b>culverts</b>, outer <b>RCC drain, canal earthwork</b> and lining</li> <li>➤ Laying sub grade, granular sub base(<b>GSB</b>), aggregate base course(<b>ABC</b>), <b>asphalt</b> base course, wearing course for rigid/flexible pavement using <b>polymer modified bitumen</b></li> <li>➤ Construction of <b>speed humps</b>, installation of <b>traffic sign boards</b>, concrete posts/<b>bollards</b>, reflecting <b>studs</b> road <b>lane marking</b> and temporary traffic diversion</li> </ul>	

<b>EPC Contractor</b>	<b>YukSel - Midmac joint venture</b>
<b>Title</b>	<b>Lusail expressway primary infrastructure-construction package 4; Doha - Qatar</b>
<b>Client</b>	Qatari Diar; Project value - <b>1.6 Billion Qatari riyal</b>
<b>Nature of work</b>	PSC Box girder bridges, fly over, micro tunnels, interchange, elevated highways & pipelines (EPC)
<b>Title</b>	<b>Salwa Road--Phase II. Doha Expressway Package 7; Doha - Qatar</b>
<b>Client</b>	<b>Ashghal</b> ; Project value - <b>1.2 Billion Qatari Riyal</b>
<b>Nature of work</b>	Box girder / truss bridges, underpasses, pipelines, highways and utilities (EPC)
<b>Role</b>	Site engineer - Box girder bridge, under pass, pipe line, highways and utility works

**Responsibilities,**

- Execution of **grading, excavation, earth moving, filling, compaction, soil stabilisation, ground anchors, geo textile, structural fill, blinding , water proofing** and protection screed for embankment
- Boring, casting, cutting and grouting of **cast in situ**, continuous, barrette, **shoring, friction/cohesion piles** with appropriate **integrity, Plate bearing, lateral load, dynamic, reaction** and **tensile load tests**
- Deep excavation of access shafts by **Tunnel Boring Machine(TBM)** for **micro-tunnelling** and **trencher machine** for pipeline works with continuous **dewatering** by boreholes to maintain ground water table
- Construction of RCC structures like **mass raft, pile cap, pier, earth retaining wall , tunnel, truss column, head walls, base slab, deck slab**, concourse slabs using **doka , peri, acrow** form work systems
- Casting of superstructure approach slab, vehicular **underpass, interchange, abutments, bearing pedestals, parapet wall**, installation of bearing and expansion joints filling
- Complete cable profile, staging erection , launching girders, dry matching, gluing of segments, piers fixing, anchorage, stressing and grouting of **PSC box girder** integral structures
- Execution of **cross country pipeline** work such as **storm water, potable water, foul sewer, land drain**, treated sewage effluent(**TSE**), **irrigation , sewerage** network and **surface water**
- Laying of **DI, BWSC, HDPE, UPVC, GRP , vitrified clay pipes**, reinforced concrete(**RCC**) **pipes** with appropriate **hydraulic** and **gas pressure tests**
- Construction of **manholes, access shaft, gullies, pumping station, RCC tanks**, collecting manholes, **washout , ventilation , air valve** chambers related to **STP, ETP, WTP** structures
- Executing of underground utility ducts and **cables trenches** like telephone, army force, DSSS ducts, **SCADA**, electrical cables (**MV,HV, LV**),traffic system cable laying and signal gantry foundation
- Laying of **flexible/rigid pavements** using **sub grade, GSB, ABC, asphalt** base course and wearing course; mass back filling, **median barrier, curb stone, interlock** fixing, cycle path and foot path pavements
- Construction of **speed humps**, installation of **traffic sign boards**, concrete posts/**bollards**, reflecting **studs road lane marking** and temporary traffic diversion
- Execution of landscaping work such as hardscaping (**stamp concrete, raiser planter**) and softscaping (**trees , plants , grass**); **As built drawings** preparation and submission

<b>EPC Contractor</b>	<b>Larsen &amp; Toubro Limited</b>
<b>Title</b>	<b>Century Bhavan-Office Complex ( B2 + G + 28 + 3 Floors ) Mumbai - India</b>
<b>Client</b>	M/s. Century international; Project value - 180 Crore INR
<b>Nature of work</b>	Construction of office complex building - EPC ( High rise building-134 meters )
<b>Title</b>	<b>ESTANCIA - IT SEZ PARK; Chennai -India</b>
<b>Client</b>	M/s. Estancia Arun Excelllo; Project value - 110 Crore INR
<b>Nature of work</b>	Construction of IT park & Residential flats - (EPC)
<b>Title</b>	<b>Tata Consultancy Services-IT PARK; Chennai -India</b>

Client	M/s. Tata Consultancy Engineers; Project value - 360 Crore INR
Nature of work	Construction of IT park – Engineering ,Procurement and Construction ( EPC )
Role	Senior Engineer – sub structure, super structure and finishing works
Responsibilities,	<ul style="list-style-type: none"> <li>➤ Making micro level programs for <b>sub structure</b> and <b>super structure</b> adhering master construction program by ensuring QA/QC and HSE policies</li> <li>➤ Water proofing, anti termite and <b>RCC works</b> on pile cap, grade slab, retaining wall, ramp, car parking, lift and shear walls; construction of vacuum dewatering floor (VDF) and screed for IT ducts</li> <li>➤ <b>Post tensioning(PT)</b> works for slab, beams including aligning the PT cables and grouting; casting of pedestal, foundations for fabricated and rotating equipment with all related MEP embedment</li> <li>➤ Construction of <b>electrical substation, pump house, sewage treatment plant(STP)</b>, Hub room, AHU room, lift room; coordination with MEP department for various NSC works</li> <li>➤ Execution of block work, plastering, screed, VDF, epoxy, floor tiles, painting and cladding; Maintaining ISO reports , variation on measurements, closing NCRs and Preparing sub contractor bills</li> </ul>

## Educational Qualifications

B-Tech in civil : Karnataka university ( Pursuing- up to 6<sup>th</sup> sem 71.0 % )  
engineering

Diploma in civil : Government polytechnic college – 83% (Anna University )  
engineering

Higher secondary : Tamilnadu state board- 67%  
certificate

Senior secondary : Tamilnadu state Board- 85%  
certificate

Course on AutoCAD : CADD training institute; India

Course on IOSH-MS : Doha industrial safety services(DISS); Qatar

Course on H2S (Level 2 : Safety Zone S & S consultancy; UAE )

Technical proficiencies : MS office, MS power point, MS outlook, Auto cad, Internet, SAP, Aconnex,Wrench

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Passport no : H8250116 – Expires on 2021; **GCC Driving License** issued from **UAE & Oman**

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Linguistic ability : English, Hindi, Tamil, Telugu, Malayalam

Hobbies

: Swimming, sightseeing, watching movies, reading books, listening music

References

: Available on request

