|  |
| --- |
|  |

**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** andmanpower management
* Professional competencies in reviewing thetechnical 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**

**China petroleum Engineering & Construction Corporation (CPECC)** Since Dec 16

Project Engineer (Oil & Gas, Infrastructure)

**AL Tasnim Enterprises LLC** (Project Engineer – Bridge & Road) Sep 14 to Nov 16

**Yuksel Inshaat A.S** (Site Engineer) Oct 11 to Aug 14

**Larsen & Toubro Limited** (Site Engineer) Jul 06 to Sep 11

**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**

|  |  |  |
| --- | --- | --- |
| **EPC Contractor** | | **China Petroleum Engineering and Construction Corporation (CPECC)** |
| **Title** | | **EPC for Mender field development project – phase 1, Mender Oil Field; Abu Dhabi, UAE** |
| Client | | Abudhabi company for onshore petroleum operations limited **(ADCO);** value – **1.14 billion AED** |
| Nature of work | | 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. |
| Role | | Project Engineer- pipe line/flow line, duct banks, culvert, asphalt road and landscaping |
| Responsibilities, | | |
|  | * Preparing project execution plan (**PEP**), method statements **(MS)**, construction schedule **(P6 Program)**, manpower and machinery **histograms**, **S curve** in association with planning department * Finalising project quality plan **(PQP)**, inspection test plan **(ITP)**, material approval sheet **(MAS/MAR),** project HSE plan along with QA/QC and HSE department with shop drawings submission log * Reviewing project drawings and raising technical quarryand **FCR** to design consultant very periodically and drafting **official letters** to communicate with consultant and various subcontractors * Executing all civil related works in **substation, gathering station**(chemical, potable water skid), **oil well heads, OHL Tower** and **oil pipeline sleepers, berms** and **beds** installation * 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 * Regularly participating weekly construction progress meeting with employer and sub-contractor to contribute and implement the resolution points on site to attain the progress as per baseline program * 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. * Construction of pipe **culverts**, **flow line duct banks**, soil stabilisation with slope protection in dune sand hill; Laying of sub grade, aggregate base course**(ABC),** **asphalt pavement** like **base** and **wearing courses** * Median barrier, curb stone, interlock fixing, Construction of speed humps, installation 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 variousfoundations; As-built drawings preparation with all related information for final submission to client | |

|  |  |  |
| --- | --- | --- |
| **EPC Contractor** | | **Al Tasnim Enterprises LLC** |
| **Title** | | **Construction of internal roads at Al-Amerat part 2; Muscat – Oman** |
| Client | | Muscat Municipality; Project value - **14.5 Million Omani Rials**. |
| Nature of work | | Culvert, road, pipeline, rock cutting, utilities, slope protection & asphalt- 40 KM. (EPC) |
| Role | | Project Engineer- Bridge, culvert, Hill (mountain) roads, pipe line, slope stability and utility works. |
| Responsibilities, | | |
|  | * 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, **NOC** and approvals * Preparing project execution plan (**PEP**), method statements **(MS),** project quality plan (**PQP**),inspection test plan (**ITP**), material approval sheet (**MAS / MAR**) along with QA/QC department * Finalising project **HSE plan**, construction schedule (**P6 Program**),manpower and machinery **histograms,** **S curve** in association with HSE and central planning department with shop drawings submission log * Negotiation and Finalising various subcontractors for some special works like **blasting, topographic survey**, existing utilities identification and micro level monitoring to get the progress * Execution of pipeline work such asstorm water, potable water, irrigation , land drain, sewerage system, raw water pipelineusing **DI , BWSC, HDPE, UPVC, GRP** and **vitrified clay pipes** * Carrying out **rock cutting, shotcrete, rock/soil stabilisation**, mass filling, fire hydrant, **Irish crossing,** (Box, slab, pipe, single & multi cells) **culverts**, outer **RCC drain, canal earthwork** and lining * Laying sub grade, granular sub base(**GSB**),aggregate base course(**ABC**), **asphalt** base course, wearing course for rigid/flexible pavement using **polymer modified bitumen** * Construction of **speed humps**, installation of **traffic sign boards,** concrete posts/**bollards**, reflecting **studs** road **lane marking** and temporary traffic diversion | |

|  |  |  |
| --- | --- | --- |
| **EPC Contractor** | | **YukSel – Midmac joint venture** |
| **Title** | | **Lusail expressway primary infrastructure-construction package 4; Doha – Qatar** |
| Client | | Qatari Diar; Project value - **1.6 Billion Qatari riyal** |
| Nature of work | | PSC Box girder bridges, fly over, micro tunnels, interchange, elevated highways & pipelines (EPC) |
| **Title** | | **Salwa Road--Phase II. Doha Expressway Package 7; Doha – Qatar** |
| Client | | **Ashghal**; Project value - **1.2 Billion Qatari Riyal** |
| Nature of work | | Box girder / truss bridges, underpasses, pipelines, highways and utilities (EPC) |
| Role | | 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** byboreholes 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 slabsusing **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 wate**r * 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** chambersrelated 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 * Layingof **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 | |

|  |  |  |
| --- | --- | --- |
| **EPC Contractor** | | **Larsen & Toubro Limited** |
| **Title** | | **Century Bhavan-Office Complex ( B2 + G + 28 + 3 Floors ) Mumbai –India** |
| Client | | M/s. Century international; Project value - 180 Crore INR |
| Nature of work | | Construction of office complex building - EPC ( High rise building-134 meters ) |
| **Title** | | **ESTANCIA – IT SEZ PARK; Chennai –India** |
| Client | | M/s. Estancia Arun Excello; Project value - 110 Crore INR |
| Nature of work | | Construction of IT park & Residential flats - (EPC) |
| **Title** | | **Tata Consultancy Services-IT PARK; Chennai –India** |
| 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, | | |
|  | * Making micro level programs for **sub structure** and **super structure** adhering master construction program by ensuring QA/QC and HSE policies * Water proofing, anti termite and **RCC works** 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 * **Post tensioning(PT)** 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 * Construction of **electrical substation, pump house, sewage treatment plant(STP**), Hub room, AHU room, lift room; coordination with MEP department for various NSC works * 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 | |



|  |  |
| --- | --- |
| **Educational Qualifications** | |
|  | |
| B-Tech in civil engineering | **:** Karnataka university ( Pursuing- up to 6th sem 71.0 % ) |
| Diploma in civil engineering | **:** Government polytechnic college – 83% (Anna University ) |
| Higher secondary certificate | **:** Tamilnadu state board- 67% |
| Senior secondary certificate | **:** Tamilnadu state Board- 85% |
| 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 |



|  |  |
| --- | --- |
| LinkedIn | : https://in.linkedin.com/in/ramkumar-kasilingam-711bab8b |
| Email & Hangout | : **ramkayramesh@gmail.com**, ramkumar\_lt@yahoo.co.in |
| Mobile, Whatsapp | **:** **0091-9578920292** ; **Skype ID** : **ramkayramesh** |
| Passport no | **:** H8250116 – Expires on 2021; **GCC Driving License** issued from **UAE & Oman** |
| Address | **:** 2/368/3,Navaladian Nagar, Rasipalayam, Mohanur (post), Namakkal,TamilNadu,India-637015 |
| Linguistic ability | **:** English, Hindi, Tamil, Telugu, Malayalam |
| Hobbies | **:** Swimming, sightseeing, watching movies, reading books, listening music |
| References | **:** Available on request |

# 