BALAKUMARAN BASKARAN PMP®

Lead Civil Structural Engineer

Email ID: balakumaranbaskaran@gmail.com Mobile: +97477664064 (Qatar) Mobile: +919597552615(India)

Summary

Professional Experience **18** years of overall experience in Project Engineering & Management covering from proposals to cost estimation, procurement and construction management support which includes feasibility, conceptual design, front end design, detailed design jobs in Oil & Gas field (Green and Brownfield), Substation & Buildings, Water & Effluent Treatment plants.

Experience Highlights

- Participate in detailed design and procurement, and support the project team during construction and startupphases of the project
- Provide design input and recommendations considering capital costs, safety, environmental, operability,maintainability, and reliability
- **Oversee EPC Contractor through review and/or approval of key engineering documents such as:**
  - Overall plot plan
  - Pipeline routing diagrams
  - 3-D model
  - Geotechnical Reports
  - Foundation Design
  - Crossing designs
  - Pipeline bridge structures
  - Drainage systems
  - Roads, barriers, and road crossings
  - Underground services including service trenches for piping and cables
  - Building Designs
  - Structural Design including Fireproofing
- **Review and or approve plans associated with engineering such as:**
  - Permits / Regulatory Compliance Plan
  - Sewer and Wastewater Treatment Systems
  - Materials Management Plan
  - Traffic management plan
  - Safety Process Plan
  - Quality Process / Inspection Plan
  - Cost /Schedule Control Plan
  - Construction Plan
  - Procurement Plan
  - Subcontracting Plan
  - Civil/Structural engineering and design drawings
- Participate in constructability & value improvement reviews
- Monitor contractor/vendor deliverables and progress tracking
- Advise project management of developments that could affect safety, quality, cost, or schedule
- Participate in the Company review of Construction Information Request and Change Order Requests
- Champion behavioral safety programs, process safety programs, and diversity & inclusion initiatives

Specialist Skills / Technical Courses

- Staad.pro for structural Analysis.
- CSI(Safe,SAP,ETABs)
- MS Office for Design calculation preparation
- MicroStation, Smartplant 3D, E3D, AutoCAD, PDMS, PDS, Tekla etc

Registrations / Affiliations

1. **MME (Qatar) (Engineer ID: 29399)**
2. **PMP® Certification** Project Management Institute, Inc. **(PMI ID: 7269530)**

Experience Detail

2021 - Tilldate **Senior Civil Structural Engineer CNCEC, Doha**

- **QatarGas North Field Expansion (NFE**) project in Ras Laffan, Qatar. Storage Tanks, Pipe Sleeper, PipeRack4km of underground Lean gas and above ground NFE/NFS rundown line and associated pig traps/launchers/manifolds, Co2 injection facilities, substations and power/telecoms cabling. Temporary camp facilities
- Structural design review and analysis of concrete & steel structures.
- Design review of concrete, precast and steel structural members.
- Preparation of Method of Statements & Job safety Analaysis Responsible for reviewing the Approval from QG & RLIC
- Material approvals & PQD approvals Site co-ordination with site Team
- Responsible to ensure works are carried out in compliance with contract drawings and specifications.
- As per RLIC & QG the quality of delivery, regulations ,Specification and standards
- Structural design review and analysis of concrete & steel structures.
- Design review of concrete, precast and steel structural members.

2018 - 2021 **Senior Civil Structural Engineer , Aljaber Engineering (JEC), Doha**

- **North Field Expansion (NFE**) , U/G Pipe Line (open Cut & MicroTunning),
- **New port project** Triple Module Warehouse . Conveyor (Rice & Sugar), Ship unloader,Refinery-Storage Tanks, Expansion Tank, Chimney Facilities, Substations, Administration Block,
- Pipeline –(Infrastructure Utilities Structural)
- Road Network Foul, Storm, Potable, Irrigations. Telecom,
- Electrical, Fire fighting, Child Water, Under Ground Tank , Tank,
- Manholes, Chamber, Thrust block, Gullies, Road Signs, Street Light Foundations and other

2017 – 2018 **Design Engineer Structural, Steel Engineering Technolgy (SET), Doha**

- Geo Green Shield Refinery-Storage Tanks, Expansion Tank, Chimney
- KIA Show Room Complex
- Qatar Rail Green Line - Shelter Building, Inter coarse Level platform Level
- Al Wakrah Stadium – Mockup Structure LTN, RT1 to RT8

2015 – 2017 **Senior Design Engineer Structural, CITEC is a global engineering company supplying one source plants, systems and services to the oil and gas offshore and onshore industries.**

KIA Show Room Complex

- PORI LNG TERMINAL, TAHKOLUOTO FOR NESTE JACOB This Project is for Neste Oil Refinery. This Project is of Approx. 30000m3.-Finland
- VY3-PKBM civil (LindeAGA) HPU3 hydrozen production unit-3 Reformer, WHRU, Pipe rack-Finland
- PORI LNG TERMINAL, TAHKOLUOTO FOR NESTE JACOBSThis Project is for Neste Oil Refinery. -Finland
- YAMBU – For SARACO for SAUDI

2010 – 2015 **Structural Engineer, FLSmidth is a global engineering company supplying one sourceplants, systems and services to the cement and minerals industries, Chennai -India**

- SHAH CEMENT INDIAN LIMITED (EXPANSION OF CEMENT GRINDING UNIT AT IMLAI) Worked for Cement Mill Building, Conveyors, Junction towers,
- HEIDEL BERG CEMENT INDIAN LIMITED (EXPANSION OF CEMENT GRINDING UNIT AT IMLAI Worked for Cement Mill Building, Conveyors, Junction towers,
- ZUARI CEMENT LTD. (SLAG CEMENT TRANSPORT AT YERRAGUNTLA A.P) Worked for Pipe Conveyor, Pump house

2005 - 2010 **Structural Engineer, DERBY DESIGN Consulting Engineers UK Bassed consultancy providing multidisciplinary design and project of Power Oil,Gas,Petrochemical Abudhabi -UAE**

- Chemical storage facilities Project for client ZADCO
- Inter Refineries Pipelines Project for client TAKREER
- Substations for Qatar gas operating company QATAR GAS
- (400kv ,220kv, 33kv Buildings) Power plant project for TOSHIBA
- Weshka R.O. Plant, LIBYA
- 132kv & 33kv extensions for sweihan. For HYUNDAI
- Saadiyat island power station for SIEMENS

2003- 2005 **Technical Office Engineer, Six Construct, a subsidiary of the BESIX Group Abudhabi –UAE**

- Ministry of foreign Affairs G12 Govt complex - Abudhabi
- Airport Development works Runway - Abudhabi
- Grand mosque - Abudhabi
- TCC Interchange crossing & Bridges - Dubai-UAE
- Dubai mall -Dubai
- fujairah cement industries fujairah - UAE

2003- 1999 **Cad Engineer, TRC Consultants India (p) Limited owned subsidiary of TRC Worldwide Engineering, Inc...USA.. in Bangalore India (ENR top 500)**

- Detailing of R.C.C & Steel ,Structures for a Architectural Buildings
  e. g. Parking structures, Healthcare, Prison etc.
- Preparation of Shop Drawing, Casting Views, Erection Drawing & Connection Details. For Parking Garages

Education

B.Tech - Civil Engineering 2015

D.C.E - Civil Engineering 1999

Languages

- Tamil : mother toung
- English: Fluent in speak, read & write
- Hindi & Malayalam, kannda : Speak

Personal Profile

- Date of Birth : April. 17st 1981
- Birth Place: India
- Gender: Male
- Civil Status: Married
- Nationality: Indian
- Visa Status: Resident (Freelancer Visa)
- Driver Licence: UAE/QATAR/ INDIA

unicipality and Environment
s & Engineering Offices
g & Classifying Committee



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ول وتصنيف المهندسين
ب الاستشارات الهندسية

شهادة قيد مهندس
ENGINEER REGISTERATION CERTIFICATE

No. (19) of 2005, as amended by Law No.
its implementing regulations by Ministerial
(226) for the year 2016.

ن رقم (19) لسنة 2005، والمعدل بالقانون
20، ولائحته التنفيذية بالقرار الوزاري رقم
.20

decided, in Minutes No 43/2021

صر رقم 43/2021

e to practice the profession to engineer:

لة المهنة للمهندس :

بيلاكوماران بسكريتا

BALAKUMARAN BASKARAN

umber: **29399**

293

Engineering

سة مدنية

NEE

ate: **21/11/2021**

21/11/20

Project Management Institute

THIS IS TO CERTIFY THAT

Balakumaran Baskaran

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND RESOURCES AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL

Project Management Professional (PMP)®

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE

Tony Appleby
Chair, Board of Directors

Sunil Prashara
President and Chief Executive Officer

PROJECT MANAGEMENT INSTITUTE CORPORATE SEAL 1969 PENNSYLVANIA

PMP® Number: 3138826
PMP® Original Grant Date: 10 September 2021
PMP® Expiration Date: 09 September 2024

Project Management Institute