



## VADIVEL MURUGAN.T

Dubai, UAE.

[www.linkedin.com/in/muruganv1507](http://www.linkedin.com/in/muruganv1507)



+971-56 281 9657

+971-52 669 1057

E-mail: [muruganv1507@gmail.com](mailto:muruganv1507@gmail.com)



### PROFESSION:

MEP Manager/  
Technical Manager/  
Sr. Mechanical Engineer

### EDUCATION:

Bachelor of Science (BS) in  
Engineering & Technology  
from Birla Institute of  
Technology & Science.  
(BITS – Pilani), (CGPA: 7.56)

Diploma in Mechanical  
engineering (DME) from  
DOTE (Tamilnadu - India)  
(89.8%)

PMP Certified (2908471)

DOB: 15 July 1980

### LANGUAGES KNOWN:

Tamil, English, Hindi,  
Malayalam,

### COMPUTER PROFICIENCY:

Windows 10  
MS office, AutoCAD

### DRIVING LICENSE #:

UAE : 1427508  
Qatar : 28035630824

### PASSPORT # : U 0832705

Valid Till : 15.09.2030

### VISA STATUS:

Personal Investor Visa  
(Transferrable)

### NATIONALITY:

Indian

### AVAILABILITY TO JOIN:

30 Days' notice (Negotiable)

### EXPECTED SALARY:

Negotiable

### REFERENCES:

Available on request

## RESUME

### SUMMARY OF EXPOSURE:-

PMP certified Mechanical Engineer with 15 years of GCC experience in Project management of Complete Infrastructure works (Sewerage, Storm, Potable water, Irrigation, Fire hydrant, Gas, Electrical, Telecom & NDRC works), Water Transmission Pipelines, Sewage rising mains, Chilled water network, Electro Mechanical works of Chiller plants, Pumping stations (TSE/Irrigation/Firefighting), Lifting stations, Water & Sewage Treatment plants, including HVAC, Fire protection/ Fire alarm and associated building MEP works.

### SKILLS & STRENGTHS:

- Tender review, Cost Estimation, Proposal preparation, Business Development & management
- Design, Detailed engineering, Shop drawings development
- Technical review, Compliance of Standards and Specifications
- Vendor/ Procurement Management, Projects management and Projects Control
- Site inspection, Factory Inspection, QA /QC, Approval process and Consultant/ Client handling
- Testing, Commissioning, trouble shooting and shutdown management

- Problem Solving
- Critical Thinking
- Multi-Tasking
- Communication
- Leadership
- Team work
- Negotiation
- Customer Relation

### M/s.SOBHA CONSTRUCTIONS LLC, Dubai, U.A.E.

MEP Manager - Infrastructure Division (SBU 06) (From July 2022 to till date)

Responsible to Lead and manage multiple projects MEP works of Infra division (Cost Estimation, Supplier & Sub contractor Finalisation, Procurement, Shop Drawings and Engineering submittals, Planning, Project Execution, Testing, Commissioning and handing over etc..)

### PROJECTS HANDLED:

- Sobha Hartland Master community development Enhancement works
- Sobha Hartland Master community temporary access road – Storm water pump station
- Sobha Hartland Villa community enhancement works
- Sobha Hartland Villa community Phase 5 LV works
- Sobha Hartland Extension project Complete Infrastructure (Includes Hydrant, Streetlight works)

Enabling works for the following projects including Site office Mobilisation, Security Cabin and

- Pass office MEP works, ANPR cameras, Streetlighting, CCTV, Irrigation pump station etc.,
- Sobha One
- Sobha Hartland 2
- Sobha Reserve

Main Infra works for the following ongoing projects including sewer, Storm, Irrigation, Fire hydrant, Streetlighting, CCTV, Irrigation pump station, CHW etc.,

- Sobha One
- Sobha Hartland 2
- Sobha Reserve

### KEY ACHIEVEMENTS:

- ✓ Successfully completed the Infra works and asphalt works within a short span for Sobha hartland Extension project
- ✓ Successfully completed the DEWA water works shutdown and handing over. ed at site

## **Previous Employment History:**

**M/s. CORE ENGINEERING CONSULTANCY LLC – ABUDHABI, U.A.E.** (From July 2021 to June 2022)

**Sr. Wet Utility Engineer (Mechanical)** at Road & Infrastructure project includes 2 RWPS for MBZ City

Responsible for Reviewing and approval of Material Submittals, Shop drawings, Design reports, Analysis reports, Method statements, Inspection of Materials & Work at site according to ADQCC specs

**M/s. RANCO GENERAL CONTRACTING LLC - AJMAN, U.A.E.** (From June 2020 to June 2021)

**Construction Manager** for FEWA (Etihad WE) pipeline projects

Responsible to Lead and manage the project site execution with client and authority management holding the following key Roles & responsibilities in management of,

- Shop drawings, correspondences with Client for approval on shop drawings
- Suppliers, Sub-contractors, procurement and stock management at site
- Approval from Ajman municipality for the Dewatering works, Road crossing works & other NOC from relevant authorities
- Scheduling and management of site daily, weekly and monthly activities
- Project management to achieve the schedule in compliance of site safety requirements
- Management of Site inspection with client and handing over of completed zones to FEWA

## **PROJECTS HANDLED:**

- ◆ Replacement of Distribution network project in Ajman city area (106w2016)– **(FEWA)**
  - Complete pipe laying (160 to 400 Dia HDPE) and house connection works for Potable Water (FEWA) with all Valve Chambers (BFV, GV, AV, WO), Flow meter chambers, Road crossing by Open cut and NDRC by HDD method, Shutdown, Tie in connections with Existing 600dia DI pipe lines & disconnection of existing AC pipe lines & MOV replacement in Ajman WDC.
- ◆ DI transmission pipe lines (600Dia) for Al Helio area, Ajman (68w2014)– **(FEWA)**
  - Managed successfully the FTOC of Civil and Mechanical works, PTOC of Electrical and I&C works with FEWA Project/O&M division for the completed pipeline works, all Valve Chambers, FCV chambers, Flow meter chambers & solar powered RTU system to communicate with Al Zorah plant.

## **KEY ACHIEVEMENTS:**

- ✓ Proposed with the client FEWA for changing the construction Type of AV chambers to suit the site condition of high ground water level & implemented at site successfully on approval.
- ✓ Successfully completed the pipeline works by proposing & implementing alternative solutions to the areas where the project progress struck due to site obstructions/ approval from authority for road crossings etc., and the project PTOC works completed with client FEWA.

**M/s. FLORA BORING EXCAVATING LLC - Dubai, U.A.E.**

**Projects Control Manager** in Infrastructure division (From March 2014 to May 2020)

Responsible to Lead and manage multiple projects (Tender to successful completion & hand over)

## **PROJECTS HANDLED :**

Complete infrastructure works including Potable Water (DEWA), Sewage, Storm water, TSE and Irrigation (DM), Fire Hydrant, Firefighting & LPG network (DCD), Chilled water network, all Valve Chambers, Flow meter chambers, DM & DEWA metering RTU & SCADA system, Shutdown and Tie in connections etc., for the following major projects with various pipes (uPVC, GRP, GRE, HDPE, CARBON STEEL, DI)

- ◆ 2x2500TR Chiller plant & CHW (upto1000dia Carbon steel) network- execution, T&C for Souq warsan project including HVAC and other MEP works of buildings – **(Nakheel)**
- ◆ Development of emirates Flight academy plots, Dubai. **Client: M/s.Dubai South**
- ◆ Night market (Palm Deira) project includes condensate water Lift station **Client: M/s.Nakheel**
- ◆ Residential development for Nad al Shiba third. **Client: M/s.Nakheel**
- ◆ Green community – Motor city Phase 2 & 3. **Client: M/s.National properties LLC**
- ◆ Includes Fire & irrigation Pump station for Dubai City walk development project. **Client: M/s.Meraas**

- ◆ Complete infrastructure works of Al Furjan (Package 3 &4) **Client: M/s.Nakheel**
- ◆ Complete infrastructure works of Warsan villas **Client: M/s.Nakheel**
- ◆ Muhaisnah Residential Development Project, Dubai. **Client: M/s.AI Wasl Asset management.**
- ◆ GRP & uPVC Drainage pipe network for Golf drainage and Lakes with Penstocks & weir chambers for lake water control – MBR Golf course project, Dubai. **Client: M/s.Emaar properties**
- ◆ Sharjah Water front city, Includes Sewage lifting station (Sun Island), **Client: M/s.AI Hanoo**
- ◆ 2x250 Dia CHW pipe lines Extension with NDRC works for Aloft Hotel project – **(WASL)**

#### **KEY ACHIEVEMENTS:**

- ✓ Key member of management for the core development & success of newly launched infra Division for the company and achieved the Business development in a short span.
- ✓ Key member of management on decision making in Vendors, Sub contractors selection and finalisation
- ✓ Developed & implemented procurement strategy & Stock control of materials at site by implementing internal documentation and material request authorization system in the company
- ✓ Developed & implemented strategy for shop drawings internal approval system prior to client submission
- ✓ Successfully handled the conversion of major tenders into projects and managed its execution till hand over

### **M/s. BELHASA PROJECTS LLC - Dubai, U.A.E.**

**Sr. Technical Engineer (Electro Mechanical)** in Infrastructure division  
(From May 2012 to Feb 2014) & (From July 2007 to Nov 2009)

#### **MAJOR PROJECTS HANDLED:**

- ◆ 2x10 MIG (FEWA project #14W) & 2x4MIG (FEWA project #15W) Pre-stressed & post tensioned RCC water storage tanks projects and its associated DI, GRP & HDPE piping works with Hydraulic study, Stress analysis, major steel structured pipe rack, Valve chambers and Tie in connection works with TRANSCO - RAK & Shouka, Kalba Sharjah- UAE. **Client: M/s.FEWA (Federal Electricity & Water Authority)**
- ◆ Water transmission mains of 600 & 800mm dia DI pipeline network (32 & 17 Kms) with various valve chambers (IV, AV, WO & FM) in Umm al Quwain city (FEWA project #8W) & from Thouban Pumping station to Masafi WDC of FEWA with major NDRC (HDD & Micro tunneling) works (FEWA project # 11W). **Client: M/s.FEWA**
- ◆ District cooling chilled water external pipeline network (Carbon steel pre insulated pipe diameter ranges up to 1050mm) with Valve chambers, Vent, drain risers and NDRC (Micro tunneling) works for DIFC Network Extension along Road 312 to Zabeel with Connection to WTC, Duabi, UAE. **Client: M/s.Empower**
- ◆ Positioned as Commissioning Manager and successfully completed the Testing & Commissioning of 6,000 m3/Day STP & sewage Tanker reception facility of Al Baraha STP works for Trucks parking zone 52, Doha, Qatar. **Client: M/s.Ashghal**
- ◆ 2 x 52 Lps Sewage lifting station with odour control Unit for down town Jebel Ali zone, UAE (as per DM- DIN specification). **Client: M/s. Limitless.**
- ◆ 2 x 50 Lps Sewage lifting station with screen & odour control unit for Abu Dhabi golf Club Project, UAE (under ADSSC specification) **Client: M/s.TDIC**
- ◆ 12,000 m3/Day STP – with sewage tanker reception & Pumping facility, extended aeration type with sludge dewatering & foul air odour control unit, Doha – industrial zone 52, State of Qatar. **Client: M/s. Barwa Al Baraha – under M/s. ASHGHAL – PWA, State of Qatar**
- ◆ 3 x 565 m3/hr Sewage & 1 x 435 m3/hr TSE based irrigation water pumping station and associated pipe works at Al Raha Beach Development Project - Abudhabi, UAE **Client: M/s. Al Dar's Al Raha Beach Resort (under ADSSC)**
- ◆ 1,900 m3/Hr Sewage pumping station at Nad al Sheba Race Course, Dubai, UAE. **Client: M/s. Meydan LLC (Under Dubai Municipality)**
- ◆ 2 x 280 m3/Hr TSE based irrigation water booster pumping station Projects, Dubai, UAE. **Client: M/s.Emaar Properties (Under Dubai Municipality)**
- ◆ 2 x 1,500 m3/Day STP (SBR type) and 2 x 220 m3/Hr - TSE Irrigation water pumping stations, at South of Doha city & West Sailiya, Qatar. **Client: Barwa Real estate**

## **M/s. Stanley Consultants Inc., Doha, Qatar**

**Mechanical Inspector – at PS 70, Pumping Mains & associated works for Doha north STP**  
(From Dec 2009 to Apr 2012)

### **Roles & Responsibilities:**

- Review & approval of material submittals, shop drawings, method statements & FAT reports.
- Technical & progress meetings with contractor, Project management consultant and clients
- Monitoring the contractors for compliance with project specification (QCS - Standards)
- Interacting with Contractor for Quality issues & project execution as per QCS/ Project specs
- Providing technical support, advise & instruction to main contractor for any execution difficulties arise
- Inspection & approvals of materials received at site Pumps, Equipment, pipeline & associated installation
- Witnessing the pressure test of pipes, Load test of lifting equipment, Performance test of pumps & equipment

### **Project Details:**

**38,000 m<sup>3</sup>/hr - Sewage Pumping Station (10x1316 Lps Pumps, 2x4 Duty + 2x1 Stand by), Sewage pumping mains (3x1600mm Dia DI pipes for 24 Kms) & its associated works for Doha North Sewage Treatment Plant.**  
Client : M/s. Ashghal – PWA, Qatar,

## **M/s. Hydromagx Technology Group, Sharjah, UAE.**

**Project Engineer - in the Water & Wastewater treatment division**  
(From October 2006 to June 2007)

### **Roles & Responsibilities:**

Design & detailed Drawings Preparation, BOQ preparation for entire MEP works, Material purchasing as per the BOQ, Inspecting materials, sub-contractor Finalizing, Project schedule preparing, planning and progressing of the scheduled work, Erection and Commissioning etc.

### **Projects Details:**

**2 x 180 m<sup>3</sup>/Day Sewage Treatment Plants** at Al Hamra Near Ibri & Al Jaza Near Sinaw, Oman.  
Client: Ministry of Regional Municipalities Environment and Water resources.

## **M/s. VA TECH WABAG Ltd., Chennai, India.**

(From March 2005 to Sep 2006)

- **O & M - Manager** in **62,500 m<sup>3</sup>/Day capacity** semi-automated DCS operated Sewage Treatment Plant - RUIDP, Delawas, Jaipur - Rajasthan, India. **From Feb 2006 to Sep 2006.**
- **Maintenance Engineer** in **4 x 5,000 m<sup>3</sup>/Day capacity** Common Effluent Treatment Plant - Kolkata Leather Complex, Kolkata – west Bengal, India. **From Mar 2005 to Jan 2006.**

### **ROLE HIGHLIGHTS:**

- Client management with regular meeting, Correspondences, submitting O&M reports & Periodic invoices etc.,
- Ensuring of smooth trouble free operation of plants & keeping the TSE results within the limit
- Over all operation & maintenance of all equipment like Mechanical Coarse & fine screens, Grit remover, Screw Classifier, Air Blowers, Clarifiers, Agitators, Centrifugal pumps, Screw pumps, Chemical dosing pumps, Digester system, Sludge dewatering Filter press, Centrifuge, Control panel, D.G etc
- Maintaining history for each and every equipment

- Preparing Shift charts, monthly reports inclusion of power consumption & chemical consumption, Operation cost report, Preventive maintenance schedules, Preventive and breakdown maintenance reports and maintenance forecast reports.
- Purchasing of Spares and lubricants, Stock monitoring of chemicals, lubricants & spares and taking care for an optimum usage of the same.

**M/s. VISION ENGINEERING Pvt. Ltd,** (Associate of M/s.Thermax India - Pune.)

Chennai, India. (From Oct 1998 to Feb 2005)

- **Senior Engineer - Sales and Service** in Water and Wastewater Treatment division looking after Sales, Erection, Testing & Commissioning, Revamping and Servicing of RO plant, DM plant, Softeners and All type of Filters and Sewage Treatment Plants, etc. from Feb 2004 to Feb 2005.
- **Operation & Maintenance Engineer** looking after IBR Boilers, Cooling Towers, Effluent Treatment Plant, Water Treatment Plant with DM plant and Utility Compressor House at Tamilnadu Petro products Ltd.(TPL), Manali, India – July 2003 to Jan 2004.
- **Operation & Maintenance Engineer** looking after non IBR Boilers, Cooling Tower, Sewage Treatment Plant, Water Treatment Plant with RO plant, Fire fighting system and Swimming Pool at The Trident (group of EIH hotels), Meenambakkam, India - Oct 2001 to June 2003.
- **Engineer - Services** in the water treatment division looking after Erection, Testing & Commissioning, revamping and servicing of RO Plant, DM Plant, Softeners, Activated carbon filters, Sand Filters, multi grade filter & iron removal filter - from Oct 1998 to Sep 2001.

**DECLARATION:**

Here by I declare that the information furnished above is true to best of my knowledge and belief.

Place :

Date :

**VADIVEL MURUGAN.T**