**Malai Masanam**

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 An engineering graduate in **2002** supplemented with computer skills (**M.S. Office Tools**) and having **16+ years**’ experience in **water line infrastructure works** **/Irrigation / Fire Fighting /** **Water Network & Water pumping station Operation & Maintenance** **/ Supply chain management** in both **National & International** working environment, gaining experience in**, execution, planning, approvals from authorities, trouble shooting, streamlining the activities** and **systems with proven ability to achieve cost savings,** seeking leadership challenges

 **Professional Competence**

* Core competence in Water Infrastructure projects **(Ductile iron, HDPE, GRE, Carbon steel pipe, AC pipes in Transmission and distribution lines)**
* Core competence in **NDRC & NDM works** (completed more than 60 NDRC & NDM, Maximum length 48 meter)
* Trained Competence through certification in M.s office tools
* Trained competence through certification in Basic firefighting & First Aid
* Record of achieving cost savings
* Hands-on experience and expertise in Trouble shooting, proper documentation of the project, cost controlling by planning the sequence of activities and thoroughly following it.
* Assertive leadership & Team management abilities including planning, tasking, scheduling

 Monitoring, training, motivating & mentoring the team

* + **Trouble shooting:** Logical and analytical approach towards the problem to solve it.
	+ **Execution Skills:** Practicing tools like RFA (Request for approval) for work approval, RFI (Request for Information) for the queries related to work to consultant.
	+ **Streamlining the work:** By preparing drawing with CAD man and after approval, ordering the material in time to avoid delay and wastage. Cost controlling and efficient execution by projecting monthly equipment’s for planned activities.
	+ **Utilities:** MS Office Tools.
	+ **Leadership Trait:** By taking responsibility and providing resources, assistance and guidance to the team mates making sure that the given task completes in stipulated time and optimum cost, safely.

 **Project Summary (Select)**

 1. M/s. Bin Hafeez General contracting Est, Abu Dhabi, UAE.

 **Projects:** **1**.**Construction of internal roads and Infrastructure for Residential land plots at MBZ**

 **City sector: Z-35/2 & 3.**

 **2. Construction of Internal roads and Infrastructure** **at Baniyas East Sectors**

 **EB11 & NB01**

 **3. CONSTRUCTION OF INTERNAL ROADS AND INFRASTRUCTURE WORKS AT**

 **SHAMKHA CONTRACT NO. 974/4**

 **Client:** **MUSANADA**

 **Consultant:** ITAL consultant / Atkins/ AECOM

 **Role:** **Construction** **Manager- Water Works**

 **Utility: Water/Irrigation /Fire Fighting**

 **Pipe & Diameter:** HDPE 160mm to 355 MM, DI 150mm to 900MM (Distribution line)

 **Project: 4.Construction of Infrastructure Works- SOBHA HARTLAND**

 **Client: SOBHA ENGINEERING**

 **Consultant: WPS**

**Role: Construction Manager-Water Works**

**Utility: Water/Irrigation /Fire Fighting**

 **Pipe & Diameter:** GRE 100mmto 450mm,HDPE 160mm to 355 MM, DI 150mm to 900MM

 2. M/s. Lindenberg Emirates llc, Abu Dhabi, UAE

 **Project:** Water Supply System for Fujairah Distribution Network (Lot-B&Lot-C)

 **Client:** Abu Dhabi Transmission & Despatch Company **(TRANSCO)**

 **Consultant:** ILF Consulting Engineers

 **Role:** Construction Manager

 **Pipe:** Carbon steel, Ductile Iron, GRE(Transmission line & Distribution lines)

 **Diameter:** CS-6” to 48”, DI-100mm to 1200mm,

 **NDRC: 52, NDM: 3**

 3 **.**M/s. Ghantoot Transport & General Contracting Company, Abu Dhabi, UAE.

 **Project: Construction, Completion & Maintenance of South Shamkha Infrastructure**

 At Abu Dhabi-LOT-1

 **Contract No:** 2011/61

 **Client:** Abu Dhabi General Services Company **(Musanada)**

 **Project Management:** Parsons International Ltd

 **Consultant:** Idrosse Infrastrutture

 **Role: Senior Project** Engineer

 **Utility: Water/Irrigation /Fire Fighting**

 **Pipe:** Ductile Iron, HDPE, GRE **(Transmission lines and Distribution lines)**

 **Diameter:** DI- 100mm to 1200mm, HDPE 110mm to 630 mm

 4. M/s. Abu Dhabi Maintenance and Construction Company, Abu Dhabi, UAE.

 **N-4383.1 Water Network development in Abu Dhabi Island**

 **Client:** Abu Dhabi Transmission & Despatch company (TRANSCO)

 **Consultant:** Ali El Saie(AES)

 **Role:** Project Engineer

 **Pipe:** Ductile Iron **(Transmission lines)**

 **Diameter: 100mm to 1200mm**

 **NDRC: 12**

 5. M/s. SAUDI PAN KINGDOM for Trading, Ind. & Contracting Co. Ltd, (SAPAC)

Kingdom of Saudi Arabia

 **Project: Water Network Operation and Maintenance** -2011 Project

 **Client:** Ministry of Water & Electricity, Tabuk Region, Kingdom of Saudi Arabia

 **Role:** Site Engineer - **Water Network & Water pumping Station Operation and Maintenance**

 **Pipe:** Ductile iron, HDPE, GRE **(Transmission lines and Distribution lines)**

 **Diameter: DI -100mm to 800mm, HDPE-110mm to 560mm, GRE -200mmm to 600mm**

 **Career Profile**

**M/s.Bin Hafeez General Contarcing Est. Abu Dhabi, UAE.**

 **Construction Manager- Water works (From January, 2017 to till date)**

**Key Responsibilities**

•Accountable for streamlining the project function from tender submission to execution of awarded.

Monitoring the project works to ensure that they are efficiently and effectively meeting project deliverables within budgetary limits and timelines.

• Engaging in client relationship management and regularly meeting and coordinating with consultants as needed; representing the company after mutual consent with the management on technical issues, resolving/ negotiating client/ consultant concerns or contractual issues as they arise.

• Reviewing financial statements, payments, activity reports, and other performance data to measure productivity and goal achievement and to determine areas needing cost reduction and program improvement.

• Providing inputs to the procurement function pertaining to Letters of Intent with suppliers/ su bcontractors in coordination with Finance department, discussing and coordinating Technical •Submittal with client/ consultant in accordance with client specifications, and accordingly providing feedback to procurement function for preparing Letter of Award to supplier/ subcontractor; coordinates and follows-up with Finance for opening LC’s to ensure timely delivery of supplies and materials.

• Determining and coordinating with human resources and procurement for project resource requirements (e.g. Water ,equipment, material) necessary for the effective and efficient execution of projects; ensuring the proper allocation of manpower on projects relating to Water & Drainage.

• Managing, coaching, and evaluating the performance of the team of the Project to ensure smooth execution of ongoing project.

• Identifying forecasts and addresses operational problems and referring to the management for their consideration and action.

• Coordinating with the subcontractors , consulting, Client and the company teams

• Submitting monthly reports of sensitive projects and site activities progress including hold ups and concerns.

• Managing office staff, preparing work schedules and assigning specific duties.

• Monitoring the Site work and given the solution required

• Checking the design and shop drawing

•Verify that safety commensurate and the Quality with the company policy and the client requirement

•Verify that the project work will be completed on the time

Overall responsible for the successful initiation, planning, design, execution, monitoring, controlling & follow-up in order to achieve the project completion by utilizing the proper resources, equipment’s, materials as per the project schedule with best financial results.

**M/s. Lindenberg Emirates llc. Abu Dhabi, UAE.**

**Construction Manager (From October, 2012 to January 2017)**

**Key Responsibilities:**

 • Monitoring and following the project works to ensure that they are efficiently and effectively meeting project deliverables within budgetary limits and timelines.

• consultants as needed; representing the company after mutual consent with the management on technical issues, resolving/ negotiating client/ consultant concerns or contractual issues as they arise.

• Coordinate with the designer

• Reviewing and verifying activity reports, shop drawings, material submittals, invoices, and payments….etc.

• Coordinate and following the subcontractor works in addition to company teams.

• Coordinate with material suppliers ( for material quality and delivery time )

• Determining and coordinating with human resources and procurement for project resource requirements (e.g. Water equipment, material) necessary for the effective and efficient execution of projects; ensuring the proper allocation of manpower on projects relating to Water

• Review and verify the monthly reports of sensitive projects and site activities progress including hold ups and concerns.

Monitoring the Site work and given the solution required.

• Verify that safety commensurate and the Quality with the company policy and the client requirement.

**M/s. Ghantoot Transport & General Contracting Est., Abu Dhabi, UAE.**

**Senior Project Engineer (From June, 2011 to August, 2012)**

**Key Responsibilities:**

* Start execution of the work upon intimation from PM. Liaise with the consultant.
* Check details and Specifications of materials to be submitted
* Study specification and advise Material Engineer to prepare material submittal.
* Collect necessary existing condition details required for preparing shop drawing and profile with draughtsman.
* Receive copy of approved shop drawings for execution of work at site.
* Receive all details of work from Surveyor and Foreman and inform Quantity Surveyor to submit request. Arrange with Consultant for inspection of work.
* Receive instruction from Project Manager, details from Office Engineer, study, prepare and arrange labor, plant and material for execution of work.
* Receive material requisition, review and approve/reject.
* Arrange to start work and advise Surveyor about requirements from them. Also advise Quantity Surveyor to prepare inspection request.
* Prepare details of work done and forward to Office Engineer.
* Prepare daily, weekly and monthly progress report of work and submit to project manager for approval.
* Arrange weekly site meeting with other key persons at site and resolve pending issues.
* Give extra attention to the specified items while selection of material / source, subcontractors and

 throughout the work period.

* Send daily requirement to plant one day in advance.
* Receive Internal Audit Program.
* Decide the proposed Corrective Action Request acceptable or not.
* Propose Corrective Action in case of acceptance.
* Give justification in case of rejection of the proposed corrective action request.
* Follow up audit conduction.
* Receive rejected work information and advice Site Engineer to rectify in coordination with consultant.
* Prepare Project requirements like plant, material, camp etc. compile and forward to Project Manager and discuss.
* Send material requirement and plant/ machineries requirement to Project Manager.
* Receive material, plant / machineries and all other ancillary items from Project Manager and advise Site Staff to start work.
* Advise Site Engineer to start the work as per schedule and advice Office Engineer to provide details.
* Receive rejected request and advise Site Engineer to rectify the work.
* Receive time sheet from Site Engineer and approve / reject.
* Receive material request and approve / reject.
* Advise Section Engineer and Storekeeper to preserve the material as per manufacturer’s recommendation.

**M/s. Abu Dhabi Maintenance and Construction Company, Abu Dhabi, UAE**

**Project Engineer (From February, 2009 to April, 2011)**

**Key Responsibilities:**

* Monitoring work progress, by daily progress and daily program report.
* Generating RFI (Request for inspection) and follow ups for the approval of RFA

 (Request for approval)

* Supervising the installation of pipes and fittings & Valves as per drawings.
* Preparing profile & fittings drawings with CAD man for approval.
* Material submittal & Material Procurement.
* Approval of drawings, method of statement and materials from the authorities
* Coordinates with sub-contractor for NDRC and NDM works at various location in Fujairah (45 NDRC AND

 5 NDM)

* Pressure test, Disinfections & flushing for pipes & fittings
* Planning and executing the shutdown works.
* Preparing welding procedure specification for welding as per International standard code

 and execute the welding work.

* Follow up NDT with third party for Pipe & fitting welding.
* Analytical and logical attitude towards the problems occurs during the execution of work to solve it.
* Safety implementation to the work utmost.

**M/s.SAUDI PAN KINGDOM for Trading, Ind. & Contracting Co. Ltd, (SAPAC) Kingdom of Saudi Arabia.**

**Site Engineer for Water Network distribution & Water Pump Station operation & Maintenance**

**From April, 2007 to February, 2009**

I was deputed to work for Ministry of Water & Electricity, Tabuk Region, Kingdom of Saudi Arabia

**Key Responsibilities:**

* Manage the assigned activities and effectively supervise Engineering Technicians in conducting site

 work, eg **leak location/fixing work on Water Distribution Network for AC pipe, DI and HDPE**

* Responsible for day-to-day engineering tasks including data analysis, testing and engineering

 calculations

* Conduct regular field inspection to ensure that specifications and standards are meet up.
* Provide mechanical engineering support for operation, programmatic maintenance, and planning

 of site utility distribution systems and water pump station

* Provide troubleshooting support for existing component
* Responsible for the preventive and corrective maintenance of the Pumps & Motors
* Perform the preparation and implementation of preventive maintenance programs and schedule to

 make sure 100% availability of the equipment

* Responsible for installing all the mechanical equipment as per pump station design / Installation of

 different types of pumps with different capacities (Deep Well Turbine Pump, Centrifugal Pump &

 Chemical Dosing Pump), different types of valves and installation of all piping systems for pumping

 stations, service water system, potable water system using different types of pipes and fittings with

 different operating condition **(DI pipe /PE pipe /PVC pipe/ HDPE)**

* Ensure safety standards and procedures are implemented and followed in accordance with

 Company guidelines.

* Co-ordinate the daily maintenance & service with Ministry of Water & Electricity of Tabuk Region
* Perform related water – Engineering duties

**Achievements**

* Achieved the **cost saving of US$ 59000 & US$ 12000 in two different activities** in Maintenance project.

**M/s. St. JOHN FREIGHT SYSTEMS LTD,** Tuticorin, India.

**Executive (September 16, 2005 to April 06, 2007)**

**Key Responsibilities:**

* Coordinated the activities in the operations and documentations process of OCE section. Due regard to cost, efficiency and quality.
* Monitored the shipments whilst in the course of transit, including instruction to and coordination with co-loaders to ensure smooth flow of shipments from origin to destination.
* Advised and provides accurate pre-advice / loading results to shippers / consignees, foreign agents and other relevant parties on a timely basis.
* Reports any exception / complaint / claims immediately to manager OCE with a view to resolving them speedily, with least detrimental effect to the company.
* Review all works process within own areas of responsibility and cooperating with colleagues from same and other departments , in the process to constantly seek improvement .

**M/s.TVS LOGISTICS SERVICES LTD,** Chennai, India

**Graduate Engineer Trainee** (**From April 2004 to March 2005)**

**Key Responsibilities:**

* Managed the supply Chain operations of over 350 Components
* Implemented effective procurement schedules to meet production targets.
* Handled the inbound logistics functions

**M/s.SPACE TECH EQUIPMENTS AND STRUCTURAL PRIVATE LTD., India**

**Site Engineer (From Nov’2002 to May ’2003)**

**A company engaged in the structural, Pipe Line & Erection Works (Oxygen Gas Plant).**

**Key Responsibilities**

* Managed more than 20 employees of Fabricators, Welders, Grinders and Helpers
* Planned and executed the project in timely and with cost effective
* Monitored and record the Quality functions
* Ensured the safety standards and procedures are implemented

 **Training Programme**

* **“Valves”** conducted by **Ministry of Water & Electricity,** Tabuk Region, Kingdom of Saudi Arabia.
* **“Basic firefighting & First Aid”** conducted by **Emirates Technical & Safety Development Centre,** Abu Dhabi, UAE.
* **Having M/s. Dolphin Energy ltd, competent certificate.**

 **Education**

**B.E., Mechanical Engineering**

* Affiliated to **: Manonmaniam Sundranar University, Tirunelveli,tamil Nadu,India**
* Institutions **: CSI Institute of Technology, KK District, Tamil Nadu,India**
* Year of Passing **: April 2002 (I Class)**

 **Personal Information**

* Nationality **: Indian**
* Father’s Name **: Mr.R.Masanam**
* Date of Birth **: 13th May 1978**
* Marital status **: Married**
* Languages Known **: English , Arabic, Tamil, Hindi & Malayalam**

 **(English – Very good, Arabic- Working knowledge, Hindi &**

 **Malayalam- Good, Tamil –Mother tongue)**

* Passport status **: J 5326116 Valid upto 02.01.2021**
* Driving license: **Holding a valid UAE driving license**
* Home Address **: 3/383,Yadhavar street, Madathoor, Tuticorin-628008**

 **Tamil nadu, India.**

 **Ph: No: +91 461 2340108**

 **Reference**

Available upon request