

MANIVANNAN.M

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JOB TARGET : AUTOCAD DRAFTSMAN & JUNIOR ESTIMATOR

- ♦ AUTOCAD DRAFTING & DETAILING (PIPING, STRUCTURAL, CIVIL, E&I)
- ♦ ESTIMATION (PIPING, STRUCTURAL, CIVIL, E&I)

- Aiming to be associated with a progressive organization that gives scope to apply my knowledge and skills, and be part of the team that dynamically works towards the progress of the organization.

PROFESSIONAL EXPERIENCE AND SIGNIFICANT ACHIEVEMENTS

- 8+ YEARS EXPERIENCED AS A AUTOCAD DRAFTSMAN AND JUNIOR ESTIMATOR IN EPC PROJECTS (PIPING, STRUCTURAL, CIVIL AND E&I) INDIA, QATAR & DUBAI. SINCE MARCH 2011 To PRESENT.

JOB RESPONSIBILITIES

- Preparing Presentation Drawings in AutoCAD 2D & 3D.
- Preparing and converting 2D Drawings to 3D drawings using AutoCAD Plant 3D (2021).
- Preparing 2D&3D modelling Drawings for F&G mapping Purpose.
- Preparing and detailing Mechanical Equipment drawings like Tanks, Vessels, Drain pots, Condensers, Economizers, Preheaters as per client Drawings.
- Preparing Structural Detailed Drawings of Plan, Section & Elevation from Tender Drawings.
- Preparation of CAD drawings related to structural, Piping, civil & E&I as detailed in client's specification.
- Clear Knowledge of Studying and Understanding in Piping Layout, Piping Isometrics, P&ID, Mechanical Equipment Drawings, Structural GA Drawings, Civil GA Drawings, E&I Drawings.
- Preparation of Stair & Handrail Detailed Drawings for Fabrication Purpose.
- Preparation of Pipe Support Detailed Drawings for Fabrication Purpose.
- Preparation of Piping Isometric (Pipe Spool) Detailed Drawings for Fabrication Purpose.
- Prepares pipe spool drawings using AutoCAD And Auto spool software for fabrication Purpose.
- Preparing and maintaining of Spool tracking register, Engineering query register, Dispatch register.
- Preparing Duct detailed drawings for Fabrication Purpose.
- Prepare Detail Drawings for Aluminum busbars, risers and stack Plates for Fabrication Purpose.
- Preparing As-Built drawings as per site condition for (Structural, Piping, civil, E&I)
- Preparing lifting plans using crane data sheets.
- Preparing transporting plans for pipe spools and ducts.
- Preparation Of BOQ and Material take-Off from tender drawings. (Structural, Piping, civil works, Electrical & Instrumentation)
- Preparation Of BOQ Material take-Off for Alumina smelters (DX, DX+ & D18+ Superstructure, Pot shell, Emergency cross over, Lifting frame)
- Prepares accurate pricing of estimates of material and subcontract items.
- Onsite work experienced in EPC projects like Petrochemical Projects, O&G Projects, Alumina Smelter Projects.

- Preparing Electrical drawings in aspects like Power, Lighting layouts for various multistory Commercial, Residential, Industrial and Hotel Buildings.
- Preparation of ELV system drawings in aspects like BMS, CCTV, Access Control, Telecommunication, Fire Alarm & Public Addressable system for various multistory Commercial, Residential, Industrial and Hotel Buildings.
- Preparation of Electrical Containment Layout containing Cable Tray, Cable Ladders and Trunking with supports along with section details.
- Preparation of Schematic diagram for LV system.
- Preparation of Electrical room & Equipment room layouts with respect to GA Drawings.
- Preparation of Enlarged Typical room detail layouts for Residential, Industrial and Hotel buildings with respect to Interior Design & RCP Drawings.
- Preparation of As-built Drawings.
- Preparation of Load Schedules for Power and Lighting DB's.
- Preparation of Tags, as per Company using Coding Manuals.
- Preparation of MDB, SMDB and Sub DB's Panel Drawings as per Design Drawings.
- Preparation of Fire Alarm Schematic Drawings.
- Learning and updating skills as new systems are introduced.
- Excellent ability to express ideas.
- Able to work independently and manage priorities and tasks.
- Good communication and organizational skills.

COMPUTER SKILLS

- AutoCAD 2007 to 2021
- AutoCAD Plant 3D 2021
- ZWCAD 2011 to 2012
- Auto Spool Software
- MS Excel, MS Word, MS Outlook, Adobe Reader PDF, Google SketchUp 8.

PROJECT EXPERIENCE

CHOLAMANDALAM M S RISK SERVICES LTD, (EHS CONSULTANTS) CHENNAI

October 2020 to Present (As a Freelancer)

Projects Involved:

- **Project Name** - AutoCAD Plant 3D Modelling For F&G Mapping,
Client - Coromandel Fertilizers Limited, Visakhapatnam, Andhra Pradesh, India.
- **Project Name** - AutoCAD Plant 3D Modelling For F&G Mapping,
Client - Coromandel International Limited, Kakinada, Andhra Pradesh, India.
- **Project Name** - AutoCAD Plant 3D Modelling For F&G Mapping,
Client - Coromandel Fertilizers Limited, Ennore, Chennai, india.
- **Project Name** - AutoCAD 2D Modelling For F&G Mapping,
Client - PPG Asian Paints Private Limited, Gujarat, india.

DUTCO MCCONNELL DOWELL ME LLC, DUBAI

April 2014 to January 2019

Projects Involved:

- **Project Name** - EGA Al Taweelah Alumina Project, Abudhabi.
Description - Fabrication of Pipe Spool equivalent of 300,000+ Dia Inch.

Client - Bechtel/Petrofac

- **Project Name** - Margham Capacity Increase Project, Dubai.
Description - Fabrication and Installation of Pipe Spools & Steel Structures, Installation of Mechanical Equipment's, including Insulation works and E&I.
Client - Dusup.
- **Project Name** - Construction of Flowlines and Wellhead Installation of typical works in ADCO's Bab field. Abudhabi.
Description - Fabrication and construction of pipeline, Structural, civil works, mechanical equipment's, and E&I.
Client - ADCO.
- **Project Name** - Energy Optimization & Capacity Creep Project, Dubai.
Description - Fabrication and installation of Pot Line Busbars.
Client - SNC Lavalin
- **Project Name** - Zora Gas Field Development project, Abudhabi.
Description - Welding And Construction of DANAGAS 12-inch Pipeline.
Client - Dana Gas.
- **Project Name** - Al Dabb'iya Phase 3 Field Development Project, Abudhabi.
Description - Offshore pipeline Welding.
Client - Archirodon.
- **Project Name** - West Qurna-1 Project.
Description - Fabrication Of pipe racks and stair towers.
Client - Ability With Innovation General Contracting LLC. (AWI)
- **Project Name** - 400kV XLPE Underground Cable Circuits Between Bahia and Saadiyat Grid Stations. Abudhabi.
Description - Construction of Transition Trough N7055 Transco.
Client - Prysmian.
- **Project Name** - Oman Antimony Roaster project, Oman
Description - Procurement, fabrication and Supply of Clean Air & Dirty Air Ducting.
Client - Worley parsons.
- **Project Name** - Qatalum Relining Facility Project QAL-TNL-0212, Mesaieed, Qatar.
Description - Construction of Relining, Delining, & Superstructure buildings.
Client - Qatalum.

Estimation Projects Involved:

- **Project Name** - EMAL Aluminium Smelter Expansion Project, Dubai.
Description - Procurement, fabrication and Supply of Superstructure including Anode Jacking System & BRK/Feeder (DX & DX+), Supply and Fabrication of Potshell (DX & DX+)
Client - Hatch
- **Project Name** - Construction of Flowlines and Wellhead Installation of typical works in ADCO's (ASAB&SAHIL, SHAH-QW-MENDER, BUHASA, BAB) fields. Abudhabi.

Description - Procurement, Fabrication and construction of pipeline, Structural, civil works, mechanical equipment's, and E&I.

Client - ADNOC.

- **Project Name** - Khursaniyah Permanent Communication Facilities - Al Jubail, Saudi Arabia
Description - Construction of Industrial Support Facilities including Civil Works, Pipeline and Structural, mechanical equipment's, and E&I.
Client - Saudi Aramco.
- **Project Name** - RD ESP Facilities Project, Dubai
Description - Procurement, fabrication and Supply of erection materials for Platforms & Pipe supports.
Client - Dubai Petroleum.
- **Project Name** - Pot Superstructure Lifting frame, Dubai.
Description - Procurement, fabrication and Supply of CD20 Superstructure Lifting Frame as per Client drawings.
Client - EGA
- **Project Name** - Somaliland Polyclinics.
Description - Procurement, fabrication and Supply of erection materials for Operation unit & Emergency Unit (Platform & Stair)
Client - BK Gulf
- **Project Name** - Emergency bypass Busbar for Potline-3, Dubai.
Description - Procurement, fabrication and Supply of Emergency Bypass Busbar Duct End And Tap End.
Client - EMAL
- **Project Name** - Deep Tunnel Storm Water System - Main Tunnel.
Description - Procurement, fabrication and Supply of Shield Cradles, Auxiliary rails, Sleeper Support, Frame Support for Belt Storage, Frame Support for Cooling Tower.
Client - PORR-SIX CONSTRUCT JV
- **Project Name** - Fabrication and Supply of MSHFO Oil Breather Separator.
Description - Procurement, fabrication and Supply of MSHFO Oil Breather Separator, MS generator set I-Beam Container Support.
Client - Aggreko International.
- **Project Name** - Dubai Marina, Dubai.
Description - Procurement, fabrication and Supply of Pipe Spools for Chilled Water lines.
Client - BK Gulf.
- **Project Name** - Al Nasr Club Stadium Extension & Refurbishment, Dubai.
Description - Procurement, fabrication and Supply of Monkey Ladder and Stairs.
Client - Assent.
- **Project Name** - Pot to Pot Emergency bridge, Dubai.
Description - Procurement, fabrication and Supply of Pot Emergency Cross Over.
Client - Sohar Aluminium.

BLUE CRESCENT ENGINEERING W.L.L, DOHA, QATAR**June 2013 to April 2014****Projects Involved:**

- Project Name - CMC of Qatar Foundation, Education City, Qatar. (MEP Works)
- Project Name - Msheireb Downtown Doha (phase-2), Qatar. (MEP Works)

GK CONSULTANTS CHENNAI, INDIA**Aug 2012 to Jun 2013****Projects Involved:**

- Project Name - Msheireb Downtown Doha (phase-2&3), Qatar. (MEP Works)
- Project Name - Lusail Multi Purpose Hall (Package-2) Qatar. (MEP Works)
- Project Name - Barwa Commercial Avenue, Qatar. (MEP Works)

MEPAX ENGINEERS PVT LTD. BANGALORE, INDIA**Mar 2011 to Jul 2012****Projects Involved:**

- Project Name - King Abdullah Financial District, Saudi Arabia. (MEP Works)
- Project Name - Hilton Riyadh Hotel & Residential, Saudi Arabia. (MEP Works)
- Project Name - Sidra Village Staff Housing (residential Tower), Qatar. (MEP Works)
- Project Name - Msheireb Downtown Doha (phase-2), Qatar. (MEP Works)

E D U C A T I O N

Qualification	University/Institute	Obtained percentage	Year of Pass
D.E.E.E	V.S.P.N Polytechnic College, Virudhunagar, Tamil Nadu, India.	81%	2009
SSLC (X)	Board of Secondary Education, Tamil Nadu, India	86%	2006

P E R S O N A L P R O F I L E

Nationality / Citizen	:	Indian
Date of Birth	:	21 st May 1991
Place of Birth	:	Tamil Nadu
Passport No	:	K6279763
Passport Expiry	:	16/08/2022
Marital Status	:	Unmarried
Languages Known	:	English, Tamil, Malayalam

D E C L A R A T I O N

- I Hereby declare that all the statements above are true and correct to the best of my knowledge.

Place :-

Date :-

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