JITHIN JAMES
Electrical Engineer
Al Dabbiya,
Abu Dhabi,
+971-544976770 (UAE)
+91-9526418115 (India)
jamesjithin2018@gmail.com

OBJECTIVE

An E&I Engineer with 5 yrs. of construction ,design & precommissioning experience in oil and gas plant and Ship building looking for a better opportunity in a challenging and aggressive team oriented environment where I can grow along with the company.

SKILLS & ACHIEVEMENTS

- Proficient with, **AutoCAD, Navisworks (PDMS), Bluebeam Revu 2018, Microsoft Excel, Word, and Adobe PDF Pro.**
- Passed the **ADCO e-PTW** (For Job Performer)-aware of Permit to Work System.
- Ability to manage a site, based on managerial instructions and relevant project safety standards.
- Work independently and operate 3D model design programs.
- Familiar with H2S & LEL gas detectors, Firefighting system, Fire damper system, PAGAsystem, Cantilever and associated drilling equipment such as mud pumps, shale shakers etc.
- Able to read and interpret cable routing layouts, cable schedules,P&ID's, Loop Drawings, Logic Diagrams, cause and effect charts, Data sheets etc.
- Familiar with Oil & Gas plant Hazards and Safety Procedures.
- Excellent Communication, Managing and Co-ordination Skills.

PROFESSIONAL EXPERIENCE

E&I Engineer, Archirodon Construction Overseas CO.SA - Abu Dhabi.

[*05 April 2019– still working*]

ADNOC Project - Al Dabbiya **Thamama** Transition Zone B Phase I Development & Restoration of Al Dabbiya Production of Other Zones.

- EPC for two new clusters 29CC & 30DD.
- New de-centralized water injection system including water surface pump, two water supply wells and one water disposal well
- Additional water injection pump (fixed speed) installed in CPP phase III running in parallel with the existing Phase III water injection pumps
- New 33 KV Over Head Line (OHL) to these new clusters.
- Tie-in with existing wells, chemical injection packages
- Extension of the existing facilities where required to accommodate the additional wells.

Responsibilities:-

- Review all E&I drawings and prepare a tracking database in excel which shows all project scope of cables and materials.
- Use this database to identify the progress (eg ;- E&I Cable pulling status, cable terminations , Instrument tubing ,cable tray ,tube fittings, Instrument / support installation, Cathodic protection) based on daily progress report. Keep the database up-to-date and accessible to Project control team.
- Review cable schedule, vendor drawings, MTO and 3D models. Prepare drum schedule, MS, MAR. Do MCT sizing.
- Provide technical support to the Construction team by co-ordination with the vendors
- Prepare MTO based on database and review engineering MTO. Identify the additional materials required for the site whenever the drawing is updated to new revisions. Coordinate with materials team for additional order.
- Coordinate with procurement team to get the latest updates on the material arrival date and confirm the same with store.
- Report all engineering errors and mismatch between drawings and cable schedules to engineering consultant through ARCO engineering team.
- Follow up with lead design engineers to get the latest updated drawings.
- Provide technical support for construction team by coordinating with the engineering consultant (TEBODIN).
- Prepare a matrix with all E&I drawings required to the site.
- Ensure that all E&I AFC drawings are available before construction.
- Follow up with vendor for submission of documents and for technical support.
- Attend designated meetings whenever required.
- Prepare shop drawings (AutoCAD) whenever technical office manager is instructed.
- Prepare FCCS (Field change control sheet) as per the site request and submit to ADNOC for approval.
- Do regular site visits and identify the work progress to update the database.
- Identify the tie-in points and prepare the tie-in packs for E&I.
- Experience in preparing cable drum schedule.
- Experience in preparing construction Method statements.
- Prepare Material Approval Requests (MAR) by coordinating with lead engineering team, procurement dept. and vendors and submit the same to ADNOC. Follow up with the vendor to close ADNOC comments as per spec. until the final issue.
- Good understanding of construction documents (P&IDs, cable block diagram, Electrical and instrument cable routing, Installation drawings).
- Prepare precommissioning and commissioning documents such as system subsystem identification for Electrical and Instrumentation ,Boundary mark up in P&ID and all Mark up for E&I scope.
- Identify the precommisioning requirements of the project and familiarize with the software for the same.

- **E&I Engineer, Archirodon Construction Overseas CO.SA - Abu Dhabi.**

[*22 Aug 2017 – 05 April 2019*]

ADNOC Project - Al Dabbiya surface facilities phase-III **(oil and gas plant)**.

Construction/Pre-commissioning of 9 No. **offshore Clusters** (top site works):-

• Equipment installation (packages & skids) 74 No.
• Cables (power & instrumentation): 1,200km
• Field instruments installation 3,200 pieces
• Cathodic protection on piping on offshore clusters

Abilities & Responsibilities:-

- Worked as a **Job Performer**.
- Executing and supervising the Installation of LV and HV electrical systems, lighting fixtures, HV transformers, flame detectors, Toxic gas and H2S alarm detectors & voice evacuation, structured cabling, earthing & lightning protection systems, Cable trays and supports, Cathodic protection and junction boxes.
- Preparing cable schedules, method statements and TRA's ,requesting and managing site materials as per construction schedule and progress
- Supervising for Fabrication supports & Cable Tray installation, Fixture, JB & Electrical Heavy equipment installation, responsible for fabrication and installation activities, reports and coordination with International Client.
- Supervising and responsible for Cable laying, Glanding and termination activity.
- Preparing and submitting Daily, Weekly and Monthly Reports to project management
- Raising RFI'S as per daily construction progress.
- Attend designated meetings as required.
- Do quantity and specification take offs from drawings received.
- Work independently and operate 3D model design programs
- Analyze construction drawings and extract all information for the project.
- Interpreting and understanding client requirements from client documents (drawings, specifications, correspondence, etc.)
- Assist for the production of single line and block cable diagrams, load schedules, equipment specifications, cable schedules, equipment schedules, telemetry schedules, instrument schedules and I/O listings
- Communication with client, external design resources and subcontractors to ensure compliance with specification.
- Site surveys of existing assets and feasibility studies.
- Review of vendor data and drawings for all electrical equipment and package plant, Skid mount. equipment's/motors, Switchgears medium and high voltage, power distribution panels and field equipment panels.
- Responsible for preparing detailed electrical specifications.
- **Assist the Pre-Commissioning lead** in executing project responsibilities.
- **Implement all Pre-Commissioning requirements of the Project**, to ensure the technical objectives are met within the approval scope.
- Supporting the E & I Commissioning dept. in writing reports, preparation of loop folders and documentation activities.
- Plan, Monitor and assist in Vendor activities.
- Supporting the mechanical completion group in the preparation of Electrical and Instrumentation matrix and completion dossiers.

- **Electrical Site Engineer, Gulf Marine Services, Musafah, Abu Dhabi**
  –[11 Nov 2015 -24 May 2017]

Projects-

- **GMS SHARQI 5603** – Construction of **Self Elevated Self-propelled Jack up vessel (SESV)** for offshore accommodation.
- **GMS EVOLUTION 6104** - SESV with hydraulic **cantilever** and associated **drilling** facilities.

Responsibilities-

- Keep a good relation with all electrical supervisors and project engineers.
- Manage and supervise all worksite activities and ensure the availability of materials in site.
- Familiar with H2S & LEL gas detectors, Firefighting system, Fire damper system, PAGAsystem, Cantilever and associated drilling equipment such as mud pumps, shale shakers etc.
- Prepare & modify various Electrical drawings
- Study and review the vendor drawings and prepare comments.
- Prepare and submit "as built" drawings at the end of project

- **Electrical Engineer, Electrotech - A-grade electrical contractors** –
  Kerala, India [***4 May 2015- 6 Nov 2015***]
  ➔ Manufacturing and installation of Electrical Panel boards, installation of 11KV/415V transformer, HV, LV switchgears and MCC for Various **crusher plants**.

Responsibilities-

- Executing and supervising the Installation of HV and LV electrical systems.
- Visit various work sites and ensure the completion of work in specified time.
- Prepare the materials and cost list for each sites
- Identify the number of persons required for each site and arrange accordingly.
- Prepare time sheet for man-hours.
- Design electrical single line diagram based on existing calculations
- Modify prepared drawings and get approval.

SOFTWARE SKILLS

- **Auto Cad**
- **Navisworks(PDMS),**
- **Bluebeam Revu 2018**
- **Microsoft Word**
- **Microsoft Excel**
- **Adobe PDF Pro.**

EDUCATION

- **B.Tech in Electrical and Electronics Engineering**

  NSS College of Engineering. Palakkad, Kerala, India
  (University of Calicut, Kerala)
  (Year 2012-2015) (72.2 %)

- **Diploma in Electrical and Electronics Engineering**
  Thiagarajar Polytecnic College Alagappanagar, Kerala,India
  (Dept. of Technical Education, Govt. of Kerala)
  (Year 2009-2012) (80.14 %)

- **PLUS TWO**
  GMHSS Nadavaramba, Irinjalakuda, Thrissur, Kerala.
  (Board of Higher Secondary Examination, Govt. of Kerala)
  (Year 2007-2009) (80.33 %)
- **SSLC**
  GMHSS Nadavaramba, Irinjalakuda, Thrissur, Kerala.
  (Affiliated to General Education Department, Govt. of Kerala)
  SSLC (Year 2006-2007) (88 %)

ACADEMIC PROJECTS & INDUSTRIAL TRAININGS

1. **Title:** Smart digital energy meter

Description: A prototype of digital energy meter having communication capability with Electricity Board, to regulate electrical energy consumption & to reduce energy theft.

2. **Title:** Capacitor discharge micro spot welder cum cutter

Description: In this project we constructed a reliable spot welder and cutter in a single system by using the discharge power of a **1farad** capacitor

INDUSTRIAL TRAINING AND VISITS

- TELK Angamaly
- 400kv substation,Madakathara
- Windmill, Kanjikode
- 220kv substation, Kanjikode

PERSONAL DOSSIER

Date of Birth	: 03/02/1992
Gender	: Male
Nationality	: Indian
Marital Status	: Single
Name of Father	: James M J
Languages Known	: English, Hindi, Malayalam and Tamil
Passport No	: J5241108
Date of issue	: 23/05/2011
Date of Expiry	: 22/05/2021
Place of issue	: Cochin

DECLARATION

I do hereby declare that the above statements are true to the best of my knowledge and belief

Date: **JITHIN JAMES**
Place: