**OBJECTIVE**: **To be a more successful Senior MEP Professional in my own field at International Level.**

• Total Years of Experience: 26-years
• Relevant GCC Experience: 12-years
• Expected CTC: Negotiable
• Notice Period: Immediate

• Visa Status: Permanent Work Visa Valid up to May, 2019 with NOC.• Valid Qatar driving License: Yes.

**Metro Exp.** -1- year 4-months in Platform Screen Door Electrical & Mechanical Installation , Handing Over, T & C ,MMS, System Integration, Trial run, Logistics & Materials Management Lead.

**MEP with TVS & Fire detection & Protection Exp. -**9 years in Facility Management; Construction for Electro-mechanical system, Drainage, Fire, Infrastructure for Procurement, Materials Management, Estimation, BOQ, T & C, Contracts, Consulting & Project Management for substations, Power system, Steel Plant, Towers, Mall, Industrials Factory, Hotel, Data Centre, Logistic City, Labor City as Lead Engineer.

**Steel Plant Exp. - Maintenance Planner** -2 years & 3-months in Electro-mechanical & Instrumentation with Control in Maintenance Planning, Procurement, Estimation, BOQ, PTW, Inspection, Shut Down, Electrical Isolation & Normalization of Equipment, Overhauling of Motor, Breakers, UPS, Substation Incomers, Transformer, Bus Bar etc. Breakdown Maintenance, Routine Maintenance; Complete Materials Management, FIRE Protection & Detection; scheduling, Budgeting, Work order Opening & closing, CMMS, Materials Inspection, MRP, Min-Max Planning; Trouble shooting etc.

**Power Plant- construction, Operation & Maintenance Engineer** Exp. 14-years+ in Construction, T & C, Operation & Maintenance (ERP), Procurement, Estimation, BOQ in Boiler, turbine, Generators, Excitation System, Logic & Interlock, Electrical & Mechanical Protection of the Equipment & Systems of Power Plant, Testing, Cabling, Termination, Excitation, HT&LT motors Pumps-FANS-Coal Mill-Crushers-Air-Compressors-Stacker-Reclaimer installation and T & C, Substations up to 132 KV GIS Installation, T & C, ELEVATOR, Fire Alarm & Fire Fighting; Transformers, HT & LT motors, Breakers, Isolators Auxiliaries, MEP, UPS, SCADA, DCS, Power system PROTECTION, Battery system, PTW, Shut Down, PLC, Instrumentation, UPS Network, Water treatment Plant, Ash Handling Plant Electro-Mechanical Installation, Inspection and T & C with Operation & Maintenance, Coal Handling Plant; Project Documentation review, Installation done as per Design drawing, AFC, Project specification, Local & International standards & Regulation. Approve OM Manual, Project Dossier, Test reports, AB-drawings, Parts List, inputs in ERP for CMMS. Follow up Method of statement for Installation, GA drawing, AFC drawings, Sat Procedure, Manufacturer’s standard for Installation & testing

**EXPERIENCE**:

1.

**Mitsubishi Heavy Industries Platform Screen Doors Handover & Lead Materials Engineer 16 May 2017 till date**

* Qatar (Doha) Rail –Doha Metro Phase-1- full height Platform Screen Doors project for 37-stations.

**Project undertaken:**

* Organization: Qatar Rail

**Roles:**

* Interface with Civil for Handing over of Platform edge & PSD rooms, Signaling rooms, Materials, Quality, Logistics, MMS and Construction, Trial Operation.
* Reviewing Interface control documents (ICD) & Interface Control Forms (ICF), Design and installation drawings/documentation, Materials Handover, Electrical Containment Handover to Cable Installer, interface documentation and method statements etc.
* Follow up MAR & Project related documents.
* Follow up Installation of PSD Equipment, Control Panel, Cable containment Inspection, Progress, Cable Pulling, termination, Power & Control panel Installation & related Interfacing & Handover from Civil.
* Attending Interface meeting with Civil, Weekly meeting with PMCS & Qatar Rail. Attending meeting with Sub-Con.
* Site Co-ordination. Follow up with Installer for Materials, Installation, T & C issues, Operation.
* Attended all Safety Induction & Tunnel evacuation & safety training, CRO Level 1 & 3 training and CCRM Level-3 training.
* Follow up Materials FAT, Release from Plant, Shipment & delivery by Sea & Air Freight Logistics; Customs Clearance.
* Follow up Materials delivery to Ware House, Receiving; Inspection, Inventorization, Materials delivery to all stations for Installation.
* Materials Planning & forecasting of materials availability at Doha Port & Ware House.
* Co-ordinate with the Materials Manufacturer for Shipment of Materials & their future Plan for Mechanical & Electrical Materials delivery.
* Providing Weekly Progress report to Client, PMCS; MHI & Sub-Con.
* Minimizing Customs Clearance & delay & Maintaining LOG.
* Maintaining Supply List, Materials delivery record, Materials Customs record LOG, Controlling demurrage at Customs & Port.
* Materials Inspection at Warehouse.
* Co-ordinate with QR, PMCS, Manufacturer, Installer; other Sub-Con; QC & Site Coordinator.
* Co-ordinate with the Logistic Vendor for Materials Delivery.
* Managing site Installation by supplying materials as per BOQ & approved Drawings for Installation.
* Controlling Materials IRE in Co-ordination with Quality.
* Knowledge of International standards applicable to PSD.
* Familiarity with Railway Operation requirements & Rail safety.
* PSD trial runs & other testing related to Rolling stock for PSD.
* MMS Controlling with all data & Asset no. with asset Class etc.
* Taking care of Maintenance Spares, Construction Spares, Commissioning spares, Tools, Equipment & related Handing over to Client with proper documentation as per Contract.
* Follow up with the Purchase Department & Contracts dept. for all LPO, International purchasing, Sub-contracting, EOT, Variation, Claims etc.
* Follow up Purchase Management & negotiations with the suppliers for the materials delivery time, Cost, warranty & Logistic issues.
* Managing the entire Materials requirement for PSD & maintaining Inventory & raising report for the End users & Management, Consultant & Client.
* Raising NCR for any defect in Materials or wrong materials, shipment defect & without FAT Materials arrived in WH or Quantity shortage & related communication to all concern & the suppliers also & making report.
* Taking care return materials & warranty Claim with the Contracts & Commercial dept.
* Establishing the standard Operating practice for the Complete Installation; Materials Management, Logistic, Storage, Quality, Safety, security, receiving, Materials Inspection, Materials Issue, stock etc.
* Tracking the Movement of Materials & Equipment on a daily basis as per Progress.
* Maintaining a Database for all Shipping documents, Customs Inspection & Delay, Port delay etc.
* Attending MMS meeting.
* Understand Complete Operation & Maintenance Procedure of the rolling stock.
1. **Tecnositaf Gulf Integrated Solution (TSF)–Qatar- Project Manager from** 19.06.2016 to 31.03.2017.

**Overall Responsibility:**

1. Taking care of the Complete **Intelligent Traffic Management System**(ITS) for Mall of Qatar Tunnel (1 Km.) for Project with all related Infrastructure for Power supply, HV/LV Substation, Estimation, Lighting, drainage network, Telecom network, Lighting Network, Sub- station, MV-Panel, BMS, Control & Instrumentation along with ELV(CCTV,PAVA, ACS, ETS & Structured Cabling, Network, Three nos. of Steel Gantry, Schneider PLC, SCADA & Complete Integration with Traffic signaling system, all MEP including Tunnel Ventilation System, HVAC, Plumbing, drainage, Oil & Gas system & Fire Alarm & fire fighting system, AFC drawings, BOQ , QCS 2014, QCDD, MOI standard, KM standard & all local & international Standard & ISO 9000:2008, ISO14000 etc.
2. Taking care as a **Quality Manager** forthe **QA/QC** department for all the projects of **11 KV Network Sub-station Up-gradation Project for in Dukhan Township for QP** as an EPIC Contractor.

Responsible for Complete Quality Assurance & Quality Controlled of the Project from inception of Contract signing to Handing-over. Maintaining Quality Plan & Procedures as per Project requirement, Local Standards & regulation, International Standards & regulation. Managing ISO 9001:2008, Quality Policy, Quality Management System, Resource Management, Product utilization, Measurement Analysis & improvement.

Arranging Drawing submittals, Materials submittal, Pre-qualification, MS for Installation, Making Project Quality Plan. Raising inspection in time as per Standard Procedures, Maintaining Check List for all Inspection, Documents submission, maintaining site diary, SOR, NCR, ITP, Calculation, site Instruction, Request to start, attending all Progress meeting, Technical Meeting, Safety meeting, Attending all Project presentation of Vendors, Supplier. Taking care of FAT, SAT, All RFI & T & C. Generating Project Dossier, Progress as project schedule, Avoiding delay, Follow up Contract, Scope, MOM, Quality assurance & its Control as per pre-assigned Plan.

1. **MZ & PARTNERS ARCHITECTURAL & ENGINEERING CONSULTANCY(MZP)-QATAR**- **Senior**

**MEP Engineer, Facility Management & Client representative** from August**, 2011 to 15.04.2016**.

 Air Conditioning, Tunnel Ventilation, Cold storage, Dehumidification & Refrigeration System,

 SCADA, BMS, ELV, Sub-station with Power supply, Lighting & Control. Fire Alarm & Fire Fighting.

 Infrastructure, Water Supply, drainage, Diesel Fuel system with DG set, TSE Plant & Irrigation.

1. **BAYTUR Contracting (Infrastructure Project)-Since Nov, 2010 to June, 2011** Worked as a **Sr. Operation & Handover Engr. (Operation & Maint. Manager)** with In-charge of **Work Control Centre (WCC)** for Complete Electrical-Substation, Transformers, UPS, Battery Chargers,11 KV & 415V Sw. Gear Installation, T & C & OM & Mechanical Work-Construction-HVAC, CHW Pumps, Fire Pumps, Water supply Pumps & Control, BMS, Fire Protection & Detection system, ELV, Generators, QA/QC, Testing & Commissioning with Consultant for QNCC Proj., Procurement, Estimation, BOQ, Operation-Maintenance Manual, Method statement. All necessary document & Calculation, Electrical Protection, Interlock, air balancing, testing. QA/QC related all documents, Inspection, Supervision. Project scheduling, Checking progress, Procurement details with all vendor lists for spares & DLP OM.
2. **Arabian Air-conditioning Contracting (Arabian-MEP)-Qatar**- as a **Construction Manager (Electrical)**, MEP since May, 2009 to March, 2010 for Project cost QR.400 M. Taking care of all MEP work with QA/QC activities, Procurement, Estimation, BOQ, Electrical Installation, Lighting, LV AC-Dc Panel, ELV, Plumbing Mechanical & Electrical works, Fire Pump, Fire Alarm, VESDA, FM200 & BMS with Field Instrumentation Installation and testing & commissioning. Follow up Procurement, Estimation, BOQ, Pre contract & Post contract documents such as Concept design, detail design, Equipment schedule, AB-drawings, All the necessary Documents for the 64-Substations.
3. **Qatar Steel**: Worked in **Qatar Steel** Sep, 2006 to Dec, 2008 as a **Maintenance Planner (ERP) (Materials)** in 11i e-business Suite ERP (Oracle APPs) PO, INV, EAM- modules. Supporting Plant Operations & Maintenance regarding Materials, Procurement, Estimation, BOQ, Job-Scheduling, Supervising follows up Procurement, HVAC, Fire Fighting, Fire Alarm, Lighting, and Emergency Lighting. Item Mapping, Asset Creation, Physical Inventory , Yearly Budget, BOM, Vendor Development, Daily REPORT, WORK ORDER CREATION , RESOURCES, PR, RFQ, QUOTATION EVALUATION, MIN-MAX PLANNING, ITEM SPEC., ITEM CODING, COSTING , QUALITY CHECK in Support & enhancement. Taking care of Enterprise Asset Management, Equipments Condition Monitoring, Trouble shooting, Equipment Performance checking, Efficient Operation, Minimizing Down Time, Ensure wide range of Machinery & Equipments Operation in Efficient Manner, Plant availability. Procurement, Inventory Management, Inspection. Quality, Delivery, Scheduling of Mechanical, Electrical & Instrumentation- Shut Down, Capital Repair, CAPEX, OPEX-BUDGET, PR, RFQ, Quotation, Techno-Commercial Evaluation, Work Order Costing, estimate for 2-units of Direct Reduction Plant & 2-Materials Handling Plant.

 7. CESC LTD, India (Calcutta Electric Supply Corporation) from Aug, 1991-July, 2005 with 4-years OM training from (1987-91) as an Construction & T & C, Operation & Maintenance Engineer (Sr. Controller) & Materials Management through ERP with QA/QC. Power Plant & Substation Operation & Maintenance: Power Generation & Control with Complete FOXBORO & SIEMENS DCS & SIEMENS-Allen Bradley-Honeywell-PLC, Power Distribution monitoring & Control, Design Development, Reliability/Availability/Maintainability and Safety(RAMS), Procurement, Estimation, BOQ, Operation & Maintenance of Boilers & its auxiliaries & all Protections & relays, Turbines & its auxiliaries with all protections(REF,REL, REM, SEPAM, SIPROTEC, Mot-pro, RAMDE etc) & Interlock, Turbine Governing System (EHG), Alternators with SIEMENS Static Excitation systems, Transformers, BFP, CEP, Raw water & cooling water, Fire Alarm, Fire-Pumps, DM Plants, Effluent treatment Plant, Tunnel ventilation, HVAC Plants with Chillers, Auxiliaries, MEP, CW Pump House with all electrical Protections & settings, 6.6 KV SF6 breakers, 33 KV GIS,415V MCC, Power Management System (PMS), UPS, Battery charger, All HT/LT motors, Material Handling Plants (Fuel & Ash) including all protections & Interlock, Bus Bars, Commissioning of ABB ELICS/PMS, Process facilities, Solid state relays all settings, Boiler 3-Element control system, AVR control with on line Tap changer. Interface with Plant Information Network, Load shedding relay & Controller, DCS Display unit, Emergency & Stand-by DG Control with ATS, Large variable Frequency Drives with motoring & Generating Functions. Protection Logic Development for ABB, SIEMENS, and GE relays. Spare parts Management for complete Power Plant. Materials source List follow up for service & Procurement.

Operation-Maintenance-

a. Independently taking charge for safe and economic running of units (Boiler & Turbine & its Aux and Alternator & its Cooling System) as per load schedule from System Control. Taking care of all the Substations in Power Plant with GIS, MCC, LV AC/DC Board, UPS, DCS, PLC, Micro SCADA with Hardware & software, Transformers and Motors etc.

b. ERP/SAP MM, PM system (OA-11i,Po,Inv Mod) Implementation & day to day Operation since 2003.

c. Keep vigil on following supporting system to meet system demand.

 ◘ Water treatment system. ◘ Fuel (Coal) - oil system. ◘ Compressed air system. ◘ Fire alarm & Fire

Fighting- system with Transformer Deluge system & FM200 System. ◘ Ash collection and Evacuation System. ◘ HVAC.

* Railway track Maintenance for Coal Handling Plant

**Defect Management:**

a) Provide Electrical and Mechanical isolations of plant or instrument for routine/forced maintenance,

 Long SD & Short SD. Everything done through On Line Defect Management System.

b) Normalize the isolated plant and put in line after checking the performance.

c) Generate defect cards of faults/defects to concerned department for rectification through On Line.

d) Follow Work Permit System through Oracle & ASP. Reporting.

e) CW System, BHEL Boilers 135MW and its auxiliaries, ABL 250 MW Boilers & its auxiliaries, 250 MW PARSON’S Turbo-Alternators with Reheat- Regenerative Cycle, Heat Recovery System.

**MAINTENANCE & Planning:**

1. Making the Maintenance schedule for RM(OPEX), long SD(CAPEX) & Short SD(OPEX),
2. Attending Break down Maintenance.
3. Min-Max Planning, Discoverer Report, Diff. configuration in PO, EAM, Inv, storage Location
4. Mapping the Assets & sub Asset & Asset Class, Cost Centre Assignment, creating new Plant. Notification in Work Flow.
5. Creating Material code with proper specification. Quality check, Shipment follow up, Inventorization, Goods receipt, Return to vendor, Claims. Source List, Master data.
6. Creating Asset No in ERP (11i) System, Asset BOM. Work order completing, closing and costing.
7. SD Materials arrangement, Equipment’s hiring, Fabrication, Techno Commercial Evaluation, RFQ, Quotation, Follow up the PO., Organization Structure, Process Flow Diagram, Material Allocation, Pick Slip generation.
8. Taking PTW from Operation & Planning for execution & clearance through system. Return excess materials to store through system.
9. Blanket PO, Budgeting, Physical inventory, Housekeeping.

## **COMPUTER SKILL**: MS Project, Office, SAP R/3 MM, PM-Module; Oracle-Apps 11i (PO, INV, EAM).

# **EDUCATION**:

* B.Sc. (Calcutta University, India), 1985.
* BS equivalent AMIE (Sec-A) from the Institution of Engineers (India) in 1988. Sec-B completion by 2018 leading to Chartered **Electrical Engineering**.
* (Post Diploma in Mechanical. & Electrical Engineering) (1987-1991) from Calcutta Technical School (Govt. Of W.B.), India in 1991.
* PGCACS-Post Graduate Course in Applied Computer Science (Jadavpur University), India in 2001.
* SAP R/3 4.7 MM-moduleImplementation Course from SIEMENS India–SAP Academy in 2005.

Certification appeared got 60%.

* Executive Diploma in Management from ICFAI University in 2018 in HR.
* Advanced Project Management (PMP) course completed from MMTI, Qatar in 2014.
* Languages Known-English, Bengali, Hindi & little Arabic.

### WORK–EXPERIENCE:

|  |  |  |  |
| --- | --- | --- | --- |
| From | To | Comp/Department/Station | Designation |
| 19-08-1991 (INDIA) | 31-07-2005 | CESC LTD/Generation–Main Power Plant Operation & Maintenance with Fuel & Ash Control Centre (Operation & Maint.). | Maintenance Engineer (Power gen.) in 500MW, 135MW with Operation & Maintenance, CHP railway track Maint.; AHP & Quality Operation. |
| 22-09-2006 (Qatar) | 03-12-2008 | Qatar Steel (Qatar) /Maintenance Planning Dept. (Mech./Elect/Inst) for DR & MH Plant. | Maintenance (EAM) Planner with Logistic Co-coordinator (Ora. Apps.-11i, eAM, PO, INV., MS Project). |
| 20-05-2009 (Qatar) | 31-03-2010 | Arabian MEP, Qatar | Construction Manager (M+E)–MEP Construction, QA/QC; comm. & Maintenance |
| 28-11-2010 (Qatar) | 30-06-11 | BAYTUR CONTRACTING-OPERATION Hand Over to CLIENT-QNCC- Qatar Foundation. | Sr. Operation & Handover Engr. with WCC Head (DLP Maint.).  |
| 20-08-11(Qatar)  | 15.04.2016 | MZ & PARTNERS-Supervision, T & C & Project Management. | Senior (Lead) Project Mgmt. & MEP. Engr. with QA/QC as a Consultant. |
| 19.06.2016(Qatar) | 31.03.2017 | Tecnositaf Gulf Integrated Solution/Project Management/ DHP & QP sub-Station @Dukhan | Project Manager MEP with all QA/QC for Dukhan Tunnel Highway Project & QP 11-KV Sub-Station. & Maintenance |
| 16.05.2017 (Qatar) | Till date | Mitsubishi Heavy Industries- Doha Metro -PSD Construction HO Engr. with Materials Lead | Handover Engineer & Materials Lead for all stations of Ph-I for Qatar Rail. |

#### Achievements:

1. RLF3 220 KV Super Sub-station of KM under RLIC, Deluge Pump Installation Including water tanks Mountings, suction & all associated Pipe Lines with 9-transformers Deluge spray system with Big Hydrant System Pre-Commissioning Completed successfully within three months.
2. Lusail Energy City 220 KV Super Sub-STN 6-transfomers Deluge System & 2- Reactors Sprinklers Spray system with Pump installation & pre-commissioning with Breaching Inlet line & brousher-line with Spray test done within 45-days.
3. Defect management System (Plant Maintenance) for (Oracle & ASP) BBGS-500 MW Plant.
4. Before the stipulated time period I finished Commissioning from Instrumentation side in GSECL of the 70-MW Unit R& M Proj. Under L & T.
5. In Qatar Steel EAM(11i) module Materials Management done successfully for Long Shut Down of DR Plant & CAPITAL Shut Down of COMBO DRI Plant with Materials Handling Plants.

**Personal Strength & Details**: Analytical ability, Hard Working, Killing attitude in Disciplined Execution, Dynamic and result oriented approach of work.

Date of Birth: 2nd, February, 1966. Marital Status: Married with one child. Heigh: 170cms. Weight 70 Kg.

 Permanent ADD: 8, Raja Apurba Krishna Lane, 1st-Floor, Flat-A, Kolkata-50, WB, India.

 Driving License : Valid Qatari Driving License up to 2021.

Place of Posting: Qatar or International.

Joining-Time: Immediate.