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| **AJAY**  [Ajay.167814@2freemail.com](mailto:Ajay.167814@2freemail.com)  ***Broad based competencies in Maintenance Electromechanical (Manufacturing industries) & in Engineering Projects .***  ***MBA (Operation Management)/Bachelor in Electrical & Electronics Engineering***  **CAREER SUMMERY**   * Electrical & Electronics Graduate Engineer with hands on experience in Plant & machinery Maintenance (Electromechanical) of Manufacturing industries & Process Automation in Engineering Project at progressively responsible positions. * Over 25 years excellent exposure in Process Plant & Machine Maintenance of Type PLC, NC, CNC, SPM & Conventional Machines, development and its Emerging changes with computerized technological developments. * Experience in construction Projects (Infrastructure, Electrical substations, Pumping stations, Gas Compressor gas piping) such as Electrical substation (FEWA), MEP Process Plant Project (Jabel Ali STP project Dubai) & Khalifah Port & Oil & gas projects * Experience in pre-commissioning & commissioning of Process Engineering projects involving YOKOGAWA DCS, Instrumentation & Automaton, Experience in PLC Controls, Soft starters & VFD’s used in Rotating Equipment’s of processing plants. * Excellent knowledge in Electrical & Electronics controls, schematic circuit diagram, Mechanical, hydraulic & Pneumatic systems used in process Plants & machines. * Experience in Utility Preventive & breakdown Maintenance * Exposure in installation, commissioning & maintenance of Electrical substation, Electrical Power distribution, MV & LV switchgear Protection & Control. * Preparation and finalization of various bid proposals through Estimation, allocation and coordination of bid element activities, ensuring deadlines are met. * Experience in QMS ISO 9001, 5S, TPM, SYMIX ERP. * Computer skills in MS office, Auto Cad, Windows XP & PC Hardware maintenance & LAN.   **Personal Details:**  **Name:** Ajay  Age 46 Years (DOB: 10/06/1970)  **LANGUAGES:** English, Hindi, & Marathi  **UAE driving license**    **Educational qualification :**   * **Post Graduation: M.B.A. IGNOU** (Indira Gandhi National Open University New Delhi) India, 2004 * **Degree B.E (Bachelor Of Engineering) in Electronics & Telecomm.** 1999, First Class, Government Engineering College Aurangabad, India. * A.M.I.E, **Degree in Electrical Engineering** 2001, Inst. Of Engineers, Kolkotta,MS, India * D.E.E (Diploma in Electrical Engg.) 1988, Govt. Polytechnic Jalgaon,MS India   **Professional Certification:**   * **Qualified Lead Auditor, ISO 9001, BVQI** Bombay,MS, India * Competent Electrical Engineer certificate from AADC * PMP- Certification No. 2017161 From PMI USA   **PROFESSIONAL ACCOMPLISHMENT**   * Reduced the percentage breakdown time of machines from 3% to 2.3 % at PDTMC * Reduced the machine operating cost from 3 AED/HR to 2.3 AED/HR at PDTMC * Developed, Implemented & achieved **QMS ISO 9001 System** at IGTR & PDTMC * Preventive maintenance Planning & Execution and solved critical breakdowns   **CAREER PATH:**   * **Manager (Electrical & instrumentation) –** United Construction Consultancy, JLT Dubai, Branch of ICCB Iraq for EPC projects. From May 2013 to Present, Electrical, Instrumentation, & Telecom Works for EPC Projects in the fields of Oil & gas Construction. * **Sr. Engineer** at Al Jaber Group, Electrical Divn, From Nov 2010 to May 2013 for FEWA substations project in Ajman & Khalifa Port Abu Dhabi. * **Sr. Engineer** (Maint & Commissioning) at Al Ahmadiah Aktor, (MNC for EPC Projects) Dubai UAE, from June 2009 to Nov 2010 for Jabel Ali STP, waste water Processing Engineering Project. * **Maintenance Manager** at Dextra ME (MNC, Manufacturer of Construction Products), from Nov 2007 to May 2009 at **Jabel Ali Free zone, Dubai** * **Maintenance In charge** at PDTMC(An ISO 9001 organization manufacturing Dies, Tools & steel Molds) from Dec 2003 to Nov 2007 at **Al Quoz Dubai** * **Maintenance In charge** at IGTR (An ISO 9001 organization manufacturing Dies, Tools & steel Molds) from Sept 1993 to Dec 2003 in India * **Section Engineer (Maintenance)** at Bajaj Auto Ltd. India (Automobile Manufacturer of 2 & 3 wheelers) from Oct 1988 to Sept 1993   **WORK EXPERIENCE:**  **United Construction Consultancy (Branch of ICCB Iraq for the Execution of EPC Oil & Gas Projects in Iraq)**  Manager (E & I) - Since May 2013 - Present  Project : Preparation & Submission of Bid Proposal for oil & Gas Projects in Iraq - Saipem, Hyundai Engg, Samsung, CCC (main Contractor), STX  Clients : Shell, ExxonMobil, BP, ENI, Lukoil, Petronas, BGC, in Iraq  Duties & Responsibilities:   * Preparation and finalization of various bid proposals through the allocation and coordination of bid element activities, ensuring deadlines are met. * Calculate & maintain database for Unit rate for manpower (Local, Expatriates & TCN) * Calculate & maintain database for Unit rate for materials based on supplier’s quotation. * Plans, controls and coordinates team and individual provision of expertise and services (such as business planning, cost control, reporting, and cost estimating) in Project Management functions. * Participate in Setting of project strategies for projects execution particularly in areas of Cost Management. * Provides professional guidance to Divisional management on issues related to performance Capex/Opex indicators and cost management. * Advise and provide technical supports on the area of Cost Estimating, Cost Control and Forecasting. * Arrange subcontracting pf specialized works, through quotation, negotiation & order confirmation, Follow up on progress of work, certify Payments. * Provide project support through materials procurement, Subcontractor – vendor arrangement from head office. * Well conversant with DCS/ESD/F&G System, Cathodic protection, Heat tracing, telecom works including CCTV System, PAGA System, Radio & Satellite System, fiber optic cables.   **Al JaberGroup – Electrical Division**  Project Engineer - Electrical, Since July 2012 – May 2013  Project : KHALIFA PORT PROJECT TRM/QRM Substations  Designation : PROJECT ENGINEER - ELECTRICAL  Client : ADPC  Project Engineer - Electrical, Since November 2010 – July 2012  Project : FEWA E6 & E7, 33/11 KV Substations PROJECT  Designation : PROJECT ENGINEER - ELECTRICAL  Client : FEWA  **Duties & Responsibilities:**  Responsible for the proper execution and implementation and maintenance of the MEP works.   * Analyzing Functional requirement from Tender doc. (Specification, scope of work & Control Philosophy etc). Planning and scheduling of activities, cost estimation, budgeting and cost control for all aspects of Engineering, Procurement, Construction and Commissioning of EPC Projects & plants * Develop documents (Material Technical submittal, Method statement, Inspection & Test Procedure, Shop drawings, and O & M Manual submittal) as per the contractual& construction requirements. * Effective implementation of contract terms, financial and commercial aspects of the project. Develop and administer the projects budgets and control the expenditure to ensure the budget profit is achieved. Control the value engineering, design, sub contractor and material selection. * Implement Master Schedule/Micro Schedule including, Resource Planning & Tracking logs for various activities, Instigate the project planning and review of progress against targets set. Project and People Management, Final Verification of bills certified by QS Staff, Stake Holder’s Management, Risk Management, Procurement, Value Engineering and Life Cycle Costing * Check Construction Planning documents to anticipate any future problems and set up Plan for preventive and contingency measures. To plan, identify and manage the deployment and utilization of appropriate resources (equipment, people, subcontractors, materials and methods) to execute the works and achieve or exceed programmed requirements. * Liaise and coordinate with third party contractors in order to ensure that schedules of shop drawings and programs of work are properly communicated, operating procedures and standards are adhered to and the work of multiple contractors is properly coordinated. * Prepare Monthly Construction report to be submitted to management. * Equipment selection, Procurement & Witness SAT & FAT tests. * Factory Testing of Power transformers 33/11 KV, 20 MVA & Transformers 11/0.4 KV, up to 3200 KVA, Testing of OLTC, RTCC, schemes with SCADA operating system. * Procurement of materials & consumables as per project requirements * Centralize Coordination & arranging the resources for the execution project. * Submitting & approval of RFI ensuring additional work done than contract drawing. * Prepare as built drawing & approval from consultant * Arranging the Training & spare parts from OEM as per the contract requirement * Prepare Asset handing over documentation & arrange approval from Client * Site Testing of Power transformers (Oil & Dry Type) 11 KV/0.415 V, Up to 2 MVA. * Street Lighting Pole network 10 meter, 20 meter & 36 meter along with control cabinets (CC) installation for the Project. * 11KV RMU LUCY switchgear UK site installation, testing & Energisation. * 11 KV DG set ( FW Wilson) testing, commissioning operation & loading. * Monitor & evaluate the activities to ensure health, safety & environmental standards are maintained   **Al Ahmadiah Aktor LLC, Dubai UAE (MEP Dept)**  **Maintenance & Commissioning Engineer – Electrical, MEP Jabel Ali Sewage treatment Plant Dubai UAE. 2009 to Nov 2010**  Project :Jabel STP Plant Project (11 KV S/S’s &Plant Equipment’s)  Designation : Electrical & Automation Engineer  Client : Dubai Municipality  Consultant: : MWH Dubai  **Duties & Responsibilities:**  **Area of Experience in Industrial Projects:** Hands on Experience in the **installation, start up, commissioning & Maintenance of following industrial Projects**   * Preparing load distribution schedule & load calculations from SLD. Cable sizing & Voltage drop calculations. Preparing cable Schedules * Preparing pre-commissioning check lists, test reports, Submitting RFCT & approval of Test reports as per requirement. Testing of Power Transformers 11/0.4 KV, up to 3200 KVA. * Preparing SLD for LV Switchboards, load calculations from SLD. Cable sizing & Voltage drop calculations. Preparing cable Schedules * Testing of 11KV Power cables, Transformers, LVDB’s & PF improvement Capacitor banks. * 11KV switchgear ABB UNIGEAR & RMU ABB Safe plus, Installation, comm.operation & maintenance, * Commissioning of AC Drives, Soft Starters used for rotating equipment’s (Blowers, Pumps, Mixers) MV VFD Allen Bradley Powerflex 7000 for 6.6KV, 870KW; ABB VFD Type ACS 800 Upto 500KW Motors; ABB VFD Type ACS550 for 0.75 Upto 132 KW Motors ; ABB VFD Type ACS 350 for 0.37 Upto 22KW Motors; ABB Soft Starters Type PST 37, PST44 & PST 50 Upto 400 KW. * 11 KV Generator SAB Germany, installation, commissioning & maintenance & Load Trail * LV Switchgear installation & maintenance involving ABB Soft Starters, VFD’s for blowers, MV Pump-Allen Bradley Pumps & Mixers application with Yokogawa DCS. * Troubleshooting & maintenance of Rotary equipment Fed from LVDB’sinvolving ABB Soft Starters, VFD’s for blowers, Fan’s & Mixer Application ( Pumping Stations) * Testing of different interlocks before energizing of Tranf.& LVDB’s, Intertripping between LV & MV. * Installation & Commissioning of battery Chargers, Centralize UPS, Power distribution & Commissioning. * Develop process automation with process interlocks & settings, Exposure in BMS & HVAC systems * Monitor & evaluate the activities to ensure health, safety & environmental standards are maintained   **Maintenance Manager at Dextra ME Dubai, from Nov 2007 to May 2009**  **Maintenance In Charge, Precision Dies & Tools Dubai, From Dec 2003 to Nov 2007**  **Maintenance In Charge, Indo German Tool Room MS Aurangabad India (1993 to 2003)**  **Section Engineer (Maintenance), Bajaj Auto Ltd Aurangabad MS Aurangabad India (1988 t0 1993)**  **PROFESSIONAL RESPONSIBILITIES**   * Preventive Maintenance Planning & Execution for Plant machines, Equipment’s, Process & Plant Utilities. * To carry out breakdown/corrective maintenance of Machines & Production Equipment, process automation & Utility Equipment in shortest time. * Maintenance of Plant utilities like Centralized AC System, Air Compressor, Electrical Substation, power distribution, switchgear & Emergency DG Set * Installation & commissioning of new machines & Equipment’s. Maintenance support to the Operations team during the EPC Project Startup Phases to ensure operational readiness & Commissioning. * Coordination with Consultant & Vendor for EPC Project activities like material submittal, method statement, shop drawings, as built drawings & handing over. * Plan, monitor & maintain Control Automation & instrumentation system in engineering project * Estimate Capital Expenditures/Budgets for new Projects, Plant Expansion & Project Planning organizing & execution. * Spares parts planning, Procurement, Optimization & Control using computerized maintenance management system (SYMIX) * Identify maintenance costs, monitor & control spending * Teaching Electrical Engg Subject to Diploma Students. * To develop & liaise with Subcontractors/vendors for different maintenance tasks. * Ensure Machine History Records & Control Maintenance Costs. * To recommend new methods, processes, layouts & systems to improve Process & Machine utilization * Provide technical phone & internet support to the field response to equipment issues. * HRD Planning and executing high end training courses. * Execution of ISO 9001 Quality system for Maintenance, Experience in conducting ISO Audit * Ensure Human, Processes & Machine Safety   **Area of Experience: Hands on Experience in the Maintenance (Electrical, Mechanical, Hydraulic & Pneumatic) of following Machines & Process equipments**   * CNC Milling M/C’s Of DMG, MIKRON & Cincinnati with HAIDENHAIN & Acramatic Siemens CNC Controller & Siemens A.C. Drives. * CNC EDM & WIRE CUT Machine of Charmillies & AGIE Gold Tech. Switzerland. * CNC Milling Machines of Mazak make with Mazatrol controller & Makino V33 * CNC Milling Machines Makino V33 with Fanuc controller. * CNC Turning Machines Mazak QTN 250 with Mazatrol controller. * CNC Turning Machines Geildemeister CTX 400E * L &T Demag and, Battenfield Injection Molding machine. * Grinding Machines of OKAMOTO and JONES & SHIPMEN. * Heat treatment Furnaces of NABER, Nolzen, LEEDS & NORTHRUP and Fluiftherm * HMT, BFW & Kirloskar Conventional Milling, Grinding & Turning Machines * HMT HG-18, Fortuna, Bahamuller & Estarta cylindrical grinding Machines which are PLC controlled & Conventional controlled * HMT & VIGELTRANSFER LINE with ALLEN BRADLEY PLC, * HMT & BFW Milling Machines with MESSUNG PLC * Hauser Jig Boring & Carl Zeiss CMM machine. * PLC Programming, control panel wiring. Interfacing with Push buttons, Limit switches, proximity sensors, relays solenoid valves   Electrical & Utilities   * Maintenance of Electrical Substation, DG sets, power distribution, switchgear, * 3 Phase servo Stabilizers up to 70 KVA & UPS up to 25 KVA * Diesel Generator Set 320 KVA of KIRLOSKAR CUMMINS * Centralized A.C. Plant of BLUE STAR Split A.C. Of Videocon. * Centralized Air Compressor of ATLAS COPCO (Model GA-15), * Material handling Equipment like 3T EOT, crane Controls , Material handling Equipment like 10 T EOT.   **Training’s Undergone:**   * Introduction to Festo Pneumatics PIII By Festo India, 1 Week * Industrial Hydraulics By Vickers system International Ltd. Pune India, 1 Week * D. C. Drives, Allen Bradley Delhi India, 1 Week * P C Hardware Maintenance By CEDTI India, 1 Week * A. C. Drive By Siemens Banglore India, 1 Week * Messung PLC Programming By Messung Systems Pune India, 1 Week * Siemens S7 200 PLC Training, Siemens Mumbai, 1 Week * DMG CNC Machines (DMC 70V/100V) Training By DMG Germany in India, 2 week * Charmilles WIRE CUT & EDM Machine Training By Charmilles Switzerland, 1 Week * Coordinate Measuring Machine By CARL ZEISS Germany In India, 2 Weeks * Lead Auditor Training Course By BVQI Bombay, India 1 Week * OHSAS 18001, Dubai, 1 Day * Basic Fire Fighting Training, Dubai, 1 day * Basic First Aid Training, Dubai, 1 day * Maintenance Of Fire Safety Equipment Training, Dubai, 1 day |