NITHYA.R
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INSTRUMENTATION & CONTROL PROFESSIONAL
Seeking a challenging assignment in Engineering with a reputed organization.

PROFILE

- Technically competent Instrumentation & Control professional with career success of 17 years in managing Instrumentation & Control projects for Power Plant, Nuclear Plant, Oil & Gas (Onshore and offshore) and Chemical Plant.
- Demonstrated functional excellence in I & C Project Planning, FEED, detailed engineering, preparing project cost estimates, defining technical specifications, procurement and generating complete documentation relating to Instrumentation & Control.
- Knowledge in INTOOLS
- Good knowledge in international codes and standards

PROFESSIONAL EXPERIENCE

KBR **April 2015 – Till Date**
Principal Technical Professional (Instrumentation)

Highlights of Major Responsibilities

- As a Lead Engineer, was handling a team of Engineers and Designers and providing complete design and detailed engineering support.
- Coordination with inter disciplines and other operating centres for inputs and technical clarifications.
- Review of P&ID and providing necessary inputs to process.
- Review of various Instrument & Control Documents.
- Participation in HAZOP and SIL workshop.
- Participation in workshop/ meeting with clients to provide technical and other project related information
- Manpower planning and scheduling

Major Projects Implemented

1. TOAZ, Ammonia Plant, Russia (FEED)
2. OLNG, Power Plant, Oman (FEED)
3. DuPont Tyvek, Speciality Chemical, Luxembourg (FEED & EPCM)
4. Petrobras (Modec), Marlim MV33, FPSO, Brazil (Detailed Engineering)
5. Warri Refinery and Petrochemicals Company, Nigeria (Rehabilitation Project)
6. Kaduna Refinery and Petrochemicals Company, Nigeria (Rehabilitation Project)
7. Cambo, FPSO, United Kingdom (Pre -FID)
8. Sabic, MTV/BKV, USA (FEED/(Detailed Engineering) (Brownfield)

TECHNIP INDIA LTD **April 2014 – April 2015**
Engineer

Highlights of Major Responsibilities

- Preparation of Instrument Datasheet using SPI.
- Preparation of Hookup Drawing using SPI.
- Preparation of JB Wiring Diagram using SPI.
- Checking P&ID and updation of Instrument Index using SPI.
- Technical Bid Evaluation.

Major Projects Implemented

Yamal, LNG – 3 x 5.5 MTPA, Yamal (EPC)

TATA CONSULTING ENGINEERS LTD (TCE) **Feb 2011 – May 2013**
Assistant Manager (Instrumentation)

Highlights of Major Responsibilities

- Provided complete design and detailed engineering support to facilitate implementation of Instrumentation & Control projects.
- Prepared Tender Document with all techno-commercial details including cost estimate for PLC/SCADA, Control room, various processes and utility system for nuclear plant.
- Created GA drawings of panels like System Cabinet for PLC, marshalling cabinet, RIO cabinet, instrument control panel and instrument control panel with mimic diagram.
- Reviewed instrument documents such as instrument list, datasheet for various field instruments, cable schedule & JB schedule, cable tray routing drawing, IO list, instrument location plan, EP drawing, instrument schematics etc.
- Participating in meetings with client.

Major Projects Implemented

1. Waste Management Plant, Fast Reactor Fuel Cycle Facility for Indira Gandhi Centre for Atomic Research, Kalpakkam
2. ELGI Air Compressor and Foundry Plant (BMS), Coimbatore.
3. MMD Heavy Machinery (India) Pvt Ltd, Chittoor (BMS), Andhra Pradesh
4. Nagapattinam Energy Private Ltd, 2 x 300MW Coal based Thermal Power Plant, Nagapattinam, Tamilnadu

BLACKSTONE GROUP TECHNOLOGIES PVT LTD **Jan 2009 - Jan2011**
(A Subsidiary of Shriram EPC Ltd)

Manager (Instrumentation)

SHRIRAM EPC LTD **May 2007- Dec 2008**
Engineer (Instrumentation)

- Efficiently handled I&C project related activities including project planning, scheduling, detailed engineering, cost estimates etc.
- Provided technical recommendation for various field instruments.
- Maintained effective co-ordination with suppliers, provided required technical clarifications and ensured delivery of materials as per schedule.
- Conducted weekly & monthly review meeting to identify and eliminate bottlenecks for hassle-free project implementation.
- Generated various instrument documents such as instrument list, datasheet for various field instruments, cable schedule & JB schedule, cable tray routing, instrument hookup drawing, logic diagram, erection tender specification, DCS/PLC specification, DCS/ PLC IO List etc.
- Led, guided and motivated a team of 6 members and integrated their efforts to optimize overall team productivity.
- Participated in DCS FAT.

Achievement :
- Winner of the 'Best Employee Award' in Shriram EPC for the year 2008.

Major Projects Implemented

1. Mahavir Energy and Coal Beneficiation Ltd, 12MW Bio Mass Power Plant, Raigarh, Chattisgarh
2. Shriram City Union Finance Ltd, 7.5MW Bio Mass Power Plant, Pattukottai, Tamil Nadu
3. Varam Bio Energy Pvt Ltd, 10MW Bio Mass Power Plant, Bhandara, Nagpur
4. Ennore Coke Ltd, 8MW Waste Heat Recovery Power Plant, Haldia, West Bengal
5. OGPL, Pollachi – 1 x 10 MW Bio-mass Power Plant
6. OGPL, Narasinghpur – 1 x 10 MW Bio-mass Power Plant.
7. OGPL, Dr.DY Patil SSK Ltd, Kolhapur, Maharashtra – 20 MW Co-gen Power Plant
   Prakash Industries Ltd,Champa, Chattsigarh – Material Handling package of 4x25MW & 2x100MW Captive Power Plant

SICAL YAMATAKE LTD **Dec 2004 - Apr 2007**
Engineer (Estimation)

- Prepared techno-commercial offer for power plants.
- Created Hookup drawing.
- Effectively followed up with suppliers to ensure timely delivery of ordered materials.
- Managed invoicing on the clients and maintained up-to-date status of payments realized. Prepared MIS reports for submission to the top management as per defined periodicity.

CHOLAN PAPER & BOARD MILLS LTD **Sep 2002 - Dec 2004**
Assistant Engineer
- Studied the paper manufacturing process / PID and prepared instrument datasheet.

- Prepared I/O counts for PLC. Defined technical specifications, prepared/placed orders and followed up with suppliers for timely deliveries.
- Carried out technical bid evaluation.
- Supervised erection and commissioning of various field instruments..

EARLIER ASSIGNMENT

Faculty **National Institute of Computer Education** **Sep 2000 - Aug 2002**

EDUCATION

- B.E (Instrumentation & Control) -2000
  Sathyabama Engineering College, Madras University

Date of Birth : 31.12.1978
Sex : Female
Marital Status : Single
Passport Details : N7888262
Date of Expiry :15.10.2028
Languages Known: English & Tamil