

RAMESH TANWAR

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To obtain a position that will enable me to use my experience to middle management, preferably in the Electrical & Instrumentation Design / Engineering / Execution of Water / Wastewater / Effluent Treatment Plants and Lift Irrigation System.

Location Preference: Delhi NCR

Professional Synopsis:

- Over 20+ years of experience in the areas of Design, Engineering, Execution and maintenance of Electrical and Instrumentation systems.
- Currently associated with JWIL Infra Limited (Formerly JITF Water Infrastructure Ltd.), New Delhi an OP Jindal Group Company as Dy. General Manager-Electrical & Inst.
- Vast experience in maintenance of Electrical & Instrumentation Systems while working with Indian Air Force.
- **20 years' experience in Design, Engineering & Execution of Water / Wastewater / Effluent Treatment Plants and Lift Irrigation System.**

Core Competencies:

- Detailed study of Tender Documents and prepare Data Sheets for Electrical Equipments.
- Calculation of Power Consumption of Plants, Sizing calculation for incomer, Transformer, Motors, Cables, Lighting, Earthing System and Battery Charger & Battery Banks.
- Preparation of Plant Cable Racks and Tray Layout, Earthing Layout and Indoor/Outdoor lighting layouts.
- Single Line diagrams of Various Panels & Local Push Button Stations.
- Preparation of Cable Schedules for Power, control and Instrument cables for WTP, STP and ETPs.
- Preparation of data Sheet for various Instruments used in Water Treatment and Sewage Treatment Plants, e.g. Level Switches & Gauges, Pressure Switches & Transmitters, Flow Transmitters, Pressure Gauges, Solenoid Operated valves, PLC Panel, Conductivity Meters, PH Meters and ORP Meters. Turbidity Analyzer, Chlorine Analyzer, Dissolved Oxygen Analyzer and MLSS Analyzers.
- Calculation of Inputs and Outputs for PLC System. Preparation of PLC System Configuration. Preparation of UPS sizing calculations
- Raising of MR for procurement of above Electrical and Instrumentation items.
- Technical evaluation of techno-commercial offers received from vendors.
- Inspection and Testing of Electrical Panels and Instruments.
- Providing technical support to site for erection and commissioning of Electrical and Instrumentation systems.

Employment History:

Since 11 Mar 2013 with JWIL Infra Limited (Formerly JITF Water Infrastructure Ltd.) an OP Jindal Group Company as Dy. General Manager-Electrical & Instrumentation

❖ Reporting to Sr. VP

Projects Accomplished

- 23050 Sq. Ha, irrigation System from Chhitakhudri and Hiran Dam of District Jabalpur (M.P.)
- 70,000 Sq. Ha Lift irrigation Project at Parwan Dam Phase-II, Kota. Rajasthan
- Patyora-Danda Group of Villages Water Supply Scheme, District-Hamirpur (Surface Water) with relevant works including Commissioning and Operation & Maintenance for 10 Years
- 59 MLD Intake & WTP with 189 Nos. OHSR at Byarma, Damoh (M.P.)
- 30 MLD at Sitarpur & 60 MLD at Subarnarekha, Adityapur (Jharkhand)
- 37 MLD Water Supply Project, GMDA Guwahati
- 191 MLD Water Supply Project GMDA Guwahati, Assam
- 70 MGD SPS at DJB Kalyanpuri, New Delhi
- 13.00 MLD Intake Jetty. and Water Treatment Plant at Munger, Bihar
- 13.62 MLD Intake Jetty. and Water Treatment Plant at Jamalpur, Bihar

- 4.0 MLD Bodhgaya Water Supply Project at Bodhgaya, Bihar
- 9.56 MLD Multi Village piped water supply Scheme, Rajauli, Nawada Distt., Bihar
- 4.9 MLD, Manpur Multi Village Water Supply Scheme, Distt. Umaria (M.P.)
- 18 MLD Multi Village Water Supply Scheme, Niwadi, Distt. Tikamgarh (M.P.)
- 6.0 MLD Multi Village piped water supply Scheme, Silao, Nalanda Distt., Bihar
- 9.8 MLD, Majholi Multi Village Water Supply Scheme, Distt. Sidhi, Madhya Pradesh
- 11.4 MLD, Baneta Multi Village Rural Water Supply Scheme, Distt. Sehore, M.P.
- 11.0 MLD, Narhela Multi Village Rural Water Supply Scheme, Distt. Morena, M.P.
- 22 MLD Godda & 5 MLD Sundar Pahari Water Supply Scheme

Since Feb, 2011 to 10 Mar, 2013 with Geo Miller & Co. Pvt. Ltd. as Manager-Electrical & Instrumentation

- ❖ Reported to Director

Projects Accomplished

- 80 MLD Water Treatment Plant at Gomtinagar. Lucknow
- 100 MLD Water Treatment Plant at Balaganj. Lucknow
- 200 MLD Water Treatment Plant at Ganga Barage, Kanpur
- 20 MLD Water Treatment Plant at Moradabad, (UPJN)
- 17 MLD Sewage Treatment Plant at Chilati, Bilaspur, Chhattisgarh
- 27 MLD Sewage Treatment Plant at Bhagwatinagar, Jammu (NBCC)

Apr 2007 to Feb, 2011 with Triveni Engg. & Ind. Ltd. as Manager- Engg.

- ❖ Reported to VP

Projects Accomplished

- PT & DM Plant for 2x300 MW Lanco Amarkantak Power Plant
- 136 MLD Water Treatment at Pench1, Nagpur Municipal Corporation Nagpur.
- PT & DM Plant for 370 MW Alstom Projects at Utran, Distt. Surat, Gujarat.
- Water Treatment Plant of 2X507.5 MW Lanco Udupi Thermal Power Projects.
- 20 MLD Capacity Sewage Treatments Plant at HS Lake, HMDA, Hyderabad
- 30 MLD Capacity Sewage Treatment Plant at HS Lake, HMDA, Hyderabad.
- 30 MLD Capacity Sewage Treatment Plant, at Loni Ghaziabad (U.P.).
- RO Plant for Jindal Steel Tarapur
- RO Plant for 1x18 MW Captive Power Plant for Aryan Ispat Power Ltd.
- 1500 M3 / Hr. WTP for JSW Steel Ltd., Bellary, Karnatak

Oct 2003 to Mar, 2007 with Nuchem Ltd., Fbd. as Dy. Manager- WTD

- ❖ Reported to DGM

Projects Accomplished

- 300 Nos. of Water Vending Machines for Indian Railways.
- 4.2 MLD capacity ETP at Birla Copper (Hindalco Industries) Dahej, Distt. Bharuch, Gujarat.
- 4.2 MLD capacity Common Effluent Treatment Plants at Mannarai, Tirupur
- 4.6 MLD capacity Common Effluent Treatment Plants Andipalayam, Tirupur
- 4.2 MLD capacity Common Effluent Treatment Plants Karaipudur, Tirupur

March 1997 to Sep, 2003 with Indian Air Force as section Head – Electrical

- ❖ Reporting to Senior Technical Officer

Part of the Indian Air force in J&K Area while fighting Cargill War successfully.

- Supervision & Carrying out Ist & IInd line servicing of MI-17 Helicopter.
- Repair and Maintenance of AC and DC Generators, Motors, Actuators, Electromagnetic Valves, Pressure & Temperature Gauges, Temperature sensors, Centrifugal Fuel pumps,
- Heating Systems of H/C anti-Icing system, relays, Contactors, Auto-Control Panels, Over Voltage and Under Frequency Control Units.

- Repair & Maintenance of Helicopter fire alarm and auto actuation system.
- Planning and supervising of H/C maintenance activities.

Mar.1986 – Feb 1997 with Indian Air Force as Aircraftsman to Corporal

- ❖ Reporting to Section Head

- Repair and Maintenance of AC and DC Generators, Motors, Actuators, Electromagnetic Valves, Temperature sensors, Centrifugal Fuel pumps.
- Heating Systems of H/C anti-Icing system, relays, Contactors, Auto-Control Panels, Over Voltage and Under Frequency Control Units.
- Repair & Maintenance of Helicopter fire alarm and auto actuation system.

Sep.1983 – Feb 1986 : 3 yrs Diploma Training on Electrical & Instrumentation Systems provided by Indian Air Force.

Education :

- **Degree in Electrical Engineering (AMIE)** Passed in 1998 from The Institution of Engineers. (India), Kolkata.
- **Diploma In Elect. Engg.** (Passed in 1986 From Elect & Instrumentation Training Institute, Bangalore)
- **Master Of Business Administration –HRM** (From IGNOU)
- **Diploma in Production Management** (Annamalai University)
- **Diploma in Labour Laws** (From Annamalai University)
- **Diploma in Computers** (National institute of Computers, Udhampur)
- **Pre Engg. from MDU, Rohtak** in the year 1983

Computer Skills:

- Proficient in MS office (Word & Excel)

Training :

- Training on “Moving from Managing to Leading”.
- Training on achievement of organizational goals through Leadership and Team Building.
- Training on Time & Disaster Management by IAF.
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Strength :

- Highly motivated, self-initiator, leading capability, Dedication & Passion about work, Punctual & sincere, break through attitude, firm determination.

Hobbies :

- Reading, Social Work
- Watching News

Personal Detail :

- Name : **Ramesh Tanwar**
- Father's Name : Shri. Rur Singh
- Date of Birth : March 02,1966.
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- : Sector-55, Faridabad, PIN—121004
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