

PROFESSIONAL RESUME



Name : S.T.H. Rizvi
Date of Birth : 18.04.1950
Nationality : Indian
Qualification : B.Sc. Engg (Mech.), AMU-Aligarh (1970), 81.3% marks, 3rd Rank.
MBA (Marketing), JNTU- Hyderabad (1977), 75.2% marks, 4th Rank
Languages : Read, Write & Speak Hindi, English, Italian, Urdu.

CAREER SUMMARY

1. Nabha Power Ltd - 800 MW Power plant of L&T at Rajpura – Patiala, Punjab.

Engagement: Jan 2018, Part Time assignment.

Responsibilities: Technical support in all Mechanical disciplines.

2. Earnst & Youngs, Gurgaon.

Engagement: From Feb 2014 to Nov 2017. Contract assignment for 100 Days/year

Role: Team Leader, “Management Consultancy Services” for BPDB Bangladesh

Project: Strengthening of Technical Capabilities in O&M of 412 MW Gas Turbine - CCPP

Responsibilities:

- To oversee development of Key Deliverables such as SOPs, SMP’s and review of SAPROF
- Developed SOPs and SMPs of HRSG and selected Areas of Gas Turbine.
- Impart Training at various levels of the personnel in “Weak Areas”.
- Develop Accounting and Financial Policies, Organization Chart, HR Policies, FSA& PPA so that the Power Plant can operate as SBU when required.
- Develop Trouble Shooting frame work, KPIs etc and impart training so that the Client successfully implements the leading practices in their CCPP at Haripur, Bangladesh.

Significant Contribution:

Developed basic Engg expertise of O&M personnel in Heat Recovery Steam Generator including preparation of SOPs & SMPs to serve as ‘Repository of Knowledge’ for the Organization. Similar role played in Gas Turbine and its auxiliaries including specific areas of BOPs such as Centrifugal Gas Compressors etc.

3. Toshiba JSW Power Systems Pvt Ltd, Gurgaon.

Engagement: From Aug 2012 till March 2016. Contract Assignment - 3 days a week.

Role: Advisor -Proposal, Detail Engineering & Project Mgmt.

Responsibilities:

- Proposal Engineering of Gas Turbine Based Combined Cycle Power Plants in South East Countries of mid and large size unit rating. Major Bid submitted for 6 Nos of 9FA based Combined Cycle Power Plant in Malaysia
- Part of Proposal Engineering Team bidding for Coal Based Thermal Power Plants in India and overseas on EPC basis of Unit rating 250 MW to 800 MW. Focus on Guarantees, Deviations, Evaluation and Performance. Most recent success is of 1x660 MW at Hardwaganj awarded on EPC Basis.
- Support in Detail Engineering, Procurement, Quality and Project Management for projects in India.

Significant Contribution:

Provided Advisory Service in Repair and Service Business in India of coal-based power Plants. Prepared an Approach paper on the potential of business in Service & Repair segment of Steam Turbine and execution strategy to be adopted by Toshiba.

4. IDFC PROJECTS:

Engagement: April 2010 till Aug 2012. Full time assignment.

Role: Head of Engg, Procurement for Power Vertical of IDFC- Projects.

Title: Sr. Advisor Engineering & Procurement IDFC Projects (2010- 2012)

Responsibilities:

- Responsible for Engineering, Procurement & Contracting of the entire POWER BLOCK- BTG and BOP and off sites such as Raw water intake system, Coal transportation logistics, Power evacuation etc.
- Developed qualification requirement, technical specification & GCC, executed tendering process as per the ICB requirements, carried out techno-commercial bid evaluation, short listed and recommended vendor for the BTG package - 1050 MW thermal power plant at Korba. The same is in progress for BOP package
- Responsible for the entire recruitment process across levels including senior management (project director) for power plant at Korba encompassing skill needs, developing Job description, short listing of applications, conducting interviews and providing final recommendations
- Providing technical support on all matters to the project site including plant layout integration of supply of coal, water and power evacuation. Geo- tech investigation, ground water studies finalized.
- Advising senior management and providing insights on all key issues relating to the power plant.

Significant Contribution:

Took responsibility in additional areas such as Transportation of Coal from SECL Coal fields to power plant, Commercial use of Fly Ash, Hydro geological studies, Transmission lines for Power evacuation, Aligning Plant Performance commitments in PPA with Performance guarantees of vendors of Power Station.

5. BHARAT HEAVY ELECTRICALS LTD (BHEL)

Last Position Held in Corporate Office BHEL (2007 - 2010)

- Executive Director-CEPD, ARP, TL&JV (Corporate Engg., Product Development, Advance Research Projects, Technology Licensing & Joint Venture) in BHEL Corporate Office, New Delhi – 110049. Reporting to Director (Engg. and R&D)
- Responsible for evaluation and Benchmarking of BHEL products (focus on BTG island) and ensure that products and thermal systems are up-to-date in technology and fulfill customer needs. To meet these objectives, evolve a judicious mix of In-house development, Acquisition of Technology and joint venture with leading technology holders.
- To facilitate units in formulating Product Development Plans (on three-time horizon as per McKinsey Model), monitor and review its implementation.
- Product areas where need of Technology Acquisition has been identified, formulate EOI doc in consultation with Business Sector, Manufacturing Unit, evaluate various technologies (w.r.t. needs of Indian and Export territories, status of state-of-art features, extent of transfer of know how and know why etc.) and carryout the process till collaboration agreement is concluded. Thereafter develop technology transfer and absorption plan, review and monitor its implementation.
- Negotiated technology transfer with Siemens Germany for super critical Steam Turbines and developed technology absorption plan for BHEL.
- Assessed and formulated strategies for adequate technology absorption of other BHEL products under Ongoing Technology Transfer Agreements.
- Lead cross-functional teams of Business Sectors, Manufacturing Units, Finance etc. to select a suitable partner for JV. Develop business Plan and assessed viability of JV followed with signing of MOU and Definitive Document etc
- Headed Centralized Stamping Unit and Fabrication Unit at Jagdishpur, Distt. Sultanpur.

Position Held in PEM/Noida- 2006 to 2007:

Unit Head as Executive Director of Project Engineering and Management Division of BHEL at Noida and reporting to Director Power of BHEL. Responsible for proposal Engineering and Post Order Engineering of Thermal Vertical of BHEL. Lead a team of 400 plus engineers for projects of Coal Based and Gas based power Plants of 80 to 600 MW ratings. Involved in more than 10 Brown Field and Green field projects. Worked with large leading consultants viz DCL, TCE, FICHER, NTPC etc.

Position Held at BHEL Hyderabad - 1971 to 2006:

1981 to 2006: Established Technical capability in Gas Turbine Based Power Plants: Combined Cycle, Cogeneration etc in Power and Industrial Sector for GE range of Turbines. BHEL gave responsibility of Gas Turbines projects based on successful development of Tech capability in Coal based power plants in Industrial Sector. Associated with Technology Transfer tie up of Gas Turbine with GE USA including Technology absorption and assimilation Plan. Developed jointly with GE Cycle Optimization for 6FA and 9FA based combined Cycle. More than 25 nos of Captive & Cogeneration plants and over 100 GT based plants over a period of 25 Years.

Began carrier in core engineering and rose to the level of General Manager in this period with gradual addition of larger responsibilities covering Procurement, QA, Field support and Project Management besides responsibility in core Engg.. Experience covers projects in India, Bangladesh, Sri Lanka, Oman, Saudi Arabia and Malaysia with active involvement

with customer in securing order and later in the execution. Projects built on GE based machined – Fr 3,5,6,6FA,9E and 9FA with HRSG and Steam Turbines of BHEL design. Core competency developed in Naphtha and Gas Fuel handling, compression, cleaning and filtering etc for Natural gas, Refinery gas, Coke Oven Gas etc. Higher end competency also includes in identifying Operating Modes and developing HBDs, Cycle Optimization followed with PIDs, FEED Doc and Procurement Engg etc.

1976 to 1981: Five years as Section head Mech of conventional Thermal Power Plants employing Siemens design steam turbines up to 40 MW unit rating. Work profile includes selection of Steam Turbine, Boiler, System Engineering and all BOPs as needed for Turnkey execution of Power Plants. More than 25 projects engineered in this period.

1971 to 1976: Five years of experience in Marketing of Centrifugal Compressors. Part of the technology absorption team of centrifugal compressors for fertilizer, Refinery, Pipeline and hydrocarbon industry.

Significant Contribution in BHEL:

My entire carrier in BHEL is predominantly in creating Engineering capabilities including sourcing of identified Bought Outs, Developing System engg in new areas, Plant Layout etc. Few of these are highlighted below:

- Captive Power and Cogeneration Plant in Fertilizer, Cement, Refineries, Hydro Carbon Sector and Steel Plants etc.
- Station Engg of Booster Compressor Station on HBJ Pipe Line.
- Lubricity System for Naphtha for combustion in Gas Turbine.
- Coke Oven Gas Cleaning System for Gas Turbine. A first of its kind in the World.
- Fuel Oil (LSHS) Treatment Plant for Gar Turbine.
- High Pressure N2 System for safe use of high Hydrogen (Refinery Gas, BHAG etc) in GT.
- Natural Gas Cleaning System for combustion Gas Turbine and Boiler in Refineries, Hydrocarbon Sector etc.

6. PROFESSIONAL AND PERSONAL TRAITS:

- Able to lead a team of qualified engineers of diverse skills and inspire them to deliver more than 100%.
- Excellent team member in Corporate Environment.
- Able to win trust from the most.
- Good listener, tactical and strategic.
- In excellent health, motivated with positive approach.

7. PROFESSIONAL DEVELOPMENT PROGRAMS ATTENDED

- **Technical:** 1973 Trained at M/s. Nuovo Pignone Italy (5 months) in Proposal Engg., Piping Layout, Systems and application Engg. of Centrifugal compressors.

: 1984 Associated with M/s Bechtel – U.K., M/s Nuovo Pignone Italy, for preparation of bid for HBJ – Gas Booster stations.

Management : 2004 – Advanced Management Program,
(for last 10 years only) “STRATEGIC LEADERSHIP” by Professors from Harvard Business School at TMTC, Pune (1 week)

: 2003 Advanced Management Program organized by IIM /Lucknow (3 weeks)

: Attended various Management Courses viz., Strategic Management Program (1 week), General Management Program (3 weeks), Executive Assertiveness (3days), Effective Public Speaking (2 days), Productivity and Value Engg. (2 days), TQM for Senior Management (2days), Value Lab for TOP Managers (1week) etc.

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