

RIZUL Vadhan

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Summary

A Civil Engineer by profession and education, an enthusiastic seeker, visionary leader and strategist by virtue. I did bachelors in Civil Engineering from NIT HAMIRPUR. Presently Working with an EPC as Engineering Officer. Broadly my work is at the intersection of Project Planning, Management & Design. My vision is to continue my career with an organization that will utilise my Design, Management, Supervision & Administrative skills to benefit mutual growth and success. I am keenly interested in civil engineering as subject and its practical wonders. My interests are Project Handling, Content Design & Optimisation. I love making new professional acquaintances.

Experience



ENGINEERING OFFICER

Jul 2015 - Mar 2019

KEC International Ltd.

Design preparation:

1. 400/220/66/33KV Tower structures, Gantries in Substation & Foundations
2. RCC buildings (Control Room Buildings, GIS buildings)
3. Baffle Walls, Cable Trenches, RCC platforms, Drains, Retaining Walls, Gate, Fencing.

Planning, Management & Evaluation Responsibilities:

1. Evaluation of all foundations, structures drawings, Foundation Layouts, Gravel Layouts, Cable trench layouts, Drain Layouts, Architectural layouts & RCC detailed layouts of entire Substation & buildings
2. Review of Structural drawings & entire process before mass manufacturing - Drawing preparation, Checking with design, Proto-checking & correction of drawings & BOM, Final checking of BOM & drawings & preparation of Final BOM of structure & PRS release
3. Coordination with Internal CFT(Cross functional teams- Architecture, Supply chain, PMC, CPMG etc)
4. Coordination with External CFT(Cross functional teams- Clients & Vendors)
5. Meet the technical requirements & expectations of client's specifications and ensure that agreement is reached on the basis of design. Maintain long-term relationship with client. Attend to client's feedback and any complaints and participate in discussions with the client, when necessary.
6. Visiting factories for proto-checking or tower testing/manufacturing inspections purpose
7. Boot Camps - Quarterly Project Review by President in Bangalore/Gurgaon
8. Standardization initiatives, documentation and development of templates for projects
9. Monitor the work and progress are in compliance with the project requirements and schedule
10. Providing technical support to Tendering, Contract department and Project Management
11. Issue of construction drawings to site, providing site support and monitoring site progress & visiting sites when required
12. Monitoring of site team for execution of switchyard civil works like land developing, equipment & tower foundations, cable trenches and control room building etc.
13. Site visits to expedite erection, testing & commissioning of HV substation.
14. Close coordination with Site team for day to day monitoring of engineering progress.
15. Role in customer Inspection, Dispatch Clearances and on time delivery of project civil material at site as per contract requirement.
16. Periodic meetings with customer for project progress, technical coordination, project approvals and order amendments.
17. Preparation & monitoring project schedule vis a vis physical progress of construction & erection activities

18. Financial monitoring of projects- Revenue monitoring

Estimation & Tendering

CLIENTS: KPTCL, PGCIL, RENEW POWER, ACME, KSPDCL,GETCO, CSPDCL,DTL

Role & Responsibility:

1. Quantity Estimation & BOQ (Bill of Quantities) preparation for entire Substations
2. Optimisation of Quantities and costing of Quantities
3. Coordination with CFT's throughout the preparation & Submission of tender
4. Pre Engineering & preparation of cost sheet of civil works & Structures.

Software Used:

Autocad, Stadd Pro, PLS CADD(Basic), MS office/Powerpoint, SAP



Summer Trainee

May 2014 - Jul 2014

Satluj Jal Vidyut Nigam Limited

Role & Responsibility:

1. Design & Project Review- Department of Hydrology
2. OnSite Training - Nathpa Jhakri Hydro Power Station

Education



National Institute of Technology Hamirpur

2011 - 2015

Bachelor of Technology (BTech), Civil Engineering, 7.51/10

Projects/Research:

1. Macro & Micro Zonation analysis & Mitigation of landslides in a valley of Kullu, Himachal Pradesh
2. 3-D analysis of Tunnelling
3. Effect of Global Warming on Glaciers
4. Earthquake Resistant design of structures

Extracurriculars:

1. NIT Hamirpur 2011-15- President of C-Soc(Civil engineering society) & C-Helix(Nimbus TechFest Civil Technical team)
2. NIT Hamirpur 2011-15- Secretary Rotaract Club of NIT-H
3. NIT Hamirpur 2011-15- Lead Singer Music Club Nit-H



DAV public school New Shimla

2010 - 2011

Sen. Secondary, Non Med, 86%

11th AND 12th



GNPS KANPUR

2009 - 2010

Secondary, General Subjects, 93%

10th

Skills



Microsoft Office • Microsoft Word • Microsoft Excel • Stadd Pro • Autocad

Certifications

Self Defense Programme • INVICTUS Survival Science

May 2018 - Present

IDFC Half Marathon (21Km) • IDFC Bank

Feb 2017 - Present

Airtel Delhi Half Run Marathon Finisher (21.01KM) • airtel

Nov 2016 - Present

Honors & Awards

Project Completion Award • KEC INTERNATIONAL LTD • Nov 2018

For successful project completion of design various KPTCL projects before time.

Champion- RPG Giving league • RPG Foundation • Nov 2017

Winner of RPG League for fundraising for an NGO called Pehley Akshar and our team (Aashayein) got felicitated in RPG House- Mumbai by RPG Chairman and CEO Mr. Harsh Goenka & Actor Kunal Kapoor