

Namdev S. Bagdure

E-mail ID : bagdurens@gmail.com

Contact No: +91-9975722059

B.Tech Civil, Civil/Structural Engineer

OBJECTIVE

To work in highly challenging environment with ample scope for personal and professional growth, with adaptation of latest technologies, concepts and to perform with sincerity.

SUMMARY

I hold 4.5+ years in Black & Veatch Ind. Pvt. Ltd. & Vastustruct Consultants Pune. I work as a Civil/Structural Engineer for the various projects in Power/Power delivery department at Black & Veatch. I had worked on various industrial buildings & structures as a structural design engineer at Vastustruct consultants Pune.

WORK EXPERIENCE

Black & Veatch India Pvt. Ltd. Pune (30TH September 2015 to till date) - My roles and responsibilities in the current organization are as below –

1. Structural design of various substation structures like buildings (GIS & Control Buildings), transformer & other outdoor substation equipment foundations and structures, cable trenches & T-line structures.
2. Responsible for coordination with site (Construction Support), Electrical, Architectural, owner, fabricator & other concerned disciplines for the projects.
3. Responsible for preparation of procurement specifications for Civil/Structural items.
4. Calculation of BOQs and support to proposal work for various projects.
5. Responsible for reviewing RCC Buildings, other steel superstructures and foundations.

Codes – American, some local Indonesian and Vietnamese codes and Euro codes with Singapore Annexes.

Tools – Staad Pro., RISA-3D, Tekla Tedds, MS Office, Mathcad, PLS Tower.

Vastustruct Consultants Pune (16TH July 2014 to 25th September 2015):

My role and responsibilities in Vastustruct –

1. Designing various PEB buildings and other industrial structures.
2. Construction support to clients.
3. Preparation of quotations for clients for various structures.

Codes – IS, AISC, MBMA.

Tools – Staad Pro., MBS, MS Office, Crane beam, Cold formed section.

PROJECTS BRIEF

1. **INTEGRATED WASTE MANAGEMENT FACILITY Singapore (IWMF) – 230kV & 66kV Substations – In progress**

Design and analysis (Superstructures & foundations_ Owners Engineers for build contract) of 1. 230kV & 66Kv Substation GIS & Control building (Height=27m, 4 Stories, Blast Proof). 2. Transformer, NGR, Diesel Generator Foundations 3. Cable Trenches/sewers - Black & Veatch. 4. Preparing Specifications & BOQs for build contract.

1. Responsible for design (superstructure & foundation) of above mentioned structures.
 2. Responsible for design of cable trenches and road culverts.
 3. Responsible for coordination with Electrical, Architectural, Geotech, Site group & singapore team for approval and construction Support.
-

2. **PT. PERUSAHAAN LISTRIK NEGARA (PERSERO); Lontar Extension; Lontar, East Java, Indonesia; 2016 – Construction work in progress**

Design and analysis (Superstructures & foundations) of 1. 150 kV Substation control building. 2. 150 kV GIS Building 3. Cable Trenches - Black & Veatch.

1. Responsible for design (superstructure & foundation) of 150 kV Substation Control Building, GIS Building, 150 kV Substation Gantry Foundation & other substation structures.
2. Responsible for design of cable trenches and road culverts.
3. Responsible for coordination with Electrical, Architectural, generation civil team, owner, fabricator & other concerned disciplines for above structures.

3. **GREEN EARTH POWER (MYANMAR) SPV; MINBU SOLAR PROJECT - 230 kV HV Substation; Minbu, Myanmar; 2017 – Completed**

Owners Engineering - Design Review of 230 kV HV substation structures - Black & Veatch.

Responsibilities-

1. Responsible for reviewing RCC Building, other steel superstructures and foundations.

4. **Los Angeles Department of Water and Power; Haskell - Rinaldi Reconductoring of 230 kV Transmission Line; Haskell - Rinaldi (Los Angeles), United States; 2015-Completed**

Civil / Structural Engineer - Black & Veatch. Project Details: Checking and modifying towers for reconductoring of 230kV Haskell - Rinaldi transmission line.

Job Responsibilities in Projects: 1. Supported for design modifications and design, erections drawings.
2. Supported and checked fabrication drawings.

5. **Electricity Generating Authority of Thailand (EGAT); Chachoengsao 2 Substation; Chachoengsao, Chachoengsao, Thailand; 2015-Completed**

Civil/Structural Engineer - Black & Veatch. Project Details: Two Substations of 230kV and 500 kV

Job Responsibilities in Projects: 1. Calculation of BOQs of various foundations, buildings (both RCC and Steel buildings/structures) from drawings provided by EGAT.

2. Preparation of proposal sheet in MS - Excel.

6. **Imsofer Manufacturing India Pvt Ltd, Baramati (Maharashtra India); Extension of Existing Plant Building in PEB; Baramati (Pune), Maharashtra, India; 2014-2015-Completed**

Structural Design Engineer - Vastustruct Consultants Pune (India). Project Details: G+1 Process Plant Mezzanine Building with chequered plates for floors.

Total Tonnage of Project- 270 MT.

Job Responsibilities in Projects: 1. 2D ,3D Modeling, Analysis and Design by using STAAD-PRO. 2.

Checking structural drawings using software like AutoCAD.

7. **Jindal Poly Films Ltd.; Jindal Polyfilms Process Plant, Nasik (Maharashtra, India); Nasik, Maharashtra, India; 2014-2015-Completed**

Structural Design Engineer - Vastustruct Consultants Pune. (India). Project Details : G+3 Process Plant Mezzanine Building with chequered plates for floors. Total Tonnage of Project- 250 MT.

Job Responsibilities in Projects: 1. Prepared proposal quotation. 2. 3D Modeling, Analysis and Design by using STAAD-PRO. 3. Checking structural drawings using software like AutoCAD.

8. Spicer College Pune.; Spicer College Pune Auditorium Metal Roof (Maharashtra, India); Pune, Maharashtra, India; 2014-Completed

Structural Design Engineer - Vastustruct Consultants Pune. (India). Project Details: Truss Roof with 13.6 m Span.

Total Tonnage of Project- 9.0 MT.

Job Responsibilities in Projects: 1. 2D Modeling, Analysis and Design by using STAAD-PRO.

2. Producing & Checking structural drawings using software like AutoCAD.

KEY ACHIEVEMENTS

- 1st rank in boys in School in 10th Board Exam.
- 1st prize for highest marks in mathematics in 10th Board Exam in school.
- Prize for 98 Marks (out of 100) in Mathematics in MH-CET EXAM.

ACADEMICS

- B.Tech in Civil Engineering from College of Engineering Pune (COEP) in 2014 with 6.15 CGPA.

TECHNICAL SKILL SETS

Tools : Staad Pro., RISA-3D, Tekla Tedds, MS Office, Mathcad, PLS Tower. Staad Pro., MBS, Crane beam, Cold formed section.

Codes : American, some local Indonesian and Vietnamese codes and Euro codes with Singapore Annexes, IS, AISC, MBMA.

EXTRACURRICULAR & CO-CURRICULAR ACTIVITIES

- Participated in "MIND SPARK -2010, UTOPIA.
- Member of "MIND SPARK -2010 ESM" team.
- Member of "EUPHORIA" team.
- Worked in NSS.

PERSONAL INFORMATION

Date of Birth : 19th June 1990

Area of Interest : Reading Novels, Literature, Playing and watching cricket, Bike riding

Languages Known : English, Marathi, and Hindi.

Correspondence Address: Flat No. C-8, Nilesh Plaza, O/P Datta Mandir, Kalepadal Chowk, Kalepadal, Hadapsar, Pune – 411028.

DECLARATION

I do here by confirm that the information given in this form is true to do the best of my knowledge and belief.

Namdev S. Bagdure