

RESUME

Pratap A. Deshmukh

Date of Birth: September 12, 1972

Mobile No. 9969266247

E-mail: prataparvinddeshmukh@gmail.com

Objective

To pursue a challenging career in Engineering where my academic excellence and experience can be put into best use serving in growth of the organization and in turn getting benefited by updating my knowledge and skills in accordance with latest trends.

Work Experience

Total work experience of 26 years with exposure in various fields like Survey Engineering, Construction Engineering works, Hydro graphic Engineering, Geotechnical Engineering, Earth retaining structures, Road and Embankment Construction, Rock fall protections works, as a Surveyor Cum Auto CAD Draftsman in reputed organizations.

Fields of Expertise

- Executing Rock fall protection works.
- Setting out Survey work & looking general civil work in Construction Industries.
- Leveling, earth work calculation, quantity survey in embankment construction.
- Fixing pipeline preliminary alignment with the help of topo sheets & Hand-held GPS.
- Land acquisition work collection of village maps, 7/12, 8A for notification work and area calculation.
- Fixing pipeline final alignment with the help of topo sheets, Village maps & DGPS.
- Document Control.

- Site Survey and generating contour using Total Station & Auto Plotter.
- Positioning of Jack up platform off shore Soil Investigation work.
- Drafting and construction of Reinforced Earth Retaining Walls, Gabion Retaining Walls.
- Bill of Material Calculation.
- Control on stationery expenditure, general administration & training of drafting staff.

Professional Experience

Organization: Genstru Consultant Pvt Ltd; Pune

Designation : Manager

Period : 10th October 2020 – 09th September 2021

Job Description: Responsible for data processing of drone survey for generating contour in civil 3D and preparation of cross sections of road project, also drafting support for Gabion fascia wall, Rockfall protection work and structural drawing modification work as per client requirement.

Organization: Maccaferri Environmental Solutions Pvt Ltd; Navi Mumbai

Designation : Manager

Period : 16th August 2006 – 31st March 2020.

Job Description: Responsible for high quality of drafting support by proper task distribution among the team members for all the regions and sectors. Responsible for development of new draftsmen and basic Auto-CAD training for new Engineers.

- Co-ordination and monitoring drafting work allocation and draftsmen performance.
- Keeping the process of project as per quality management system.
- Efficient completion of received projects.
- Building resource base for non-vertical wall sector.

- Support to Engineers, Manager and bridging between Manager and Drafting persons for complete the project in stipulated time.

Exposure: Design and construction of Reinforced Earth Walls using steel mesh, MacRes, Paraweb, and slope stabilization work using Gabion, Terramesh, Green Terramesh, Rock fall netting, and Hydraulic structures like Weir, Channel lining, for Maccaferri subsidiary's Italy, USA, UK, South Africa, France, Australia & Newzaland.

Recently worked on Kathmandu-Terai/Madesh Fast Track (Expressway) Road Project at Kathmandu, Nepal. Construction of Reinforced Earth wall works in progress.

Prepared Drawing & BoQ for Tender documents as well as construction drawing and costing for more than Hundred projects having a total RS Wall area of 10,00,000 m² which includes RS Walls for structures such as Rail Over bridges, Flyovers, Grade Separators, Overpasses, Underpasses, Riverfront Structures and Bridge Abutments.

- Preparation of sections, Elevation and Plan drawings.
- Preparation of General arrangement of drawing (GAD).
- Preparation of Bill of quantity (BoQ)
- Earthwork calculation (cutting / filling quantity)
- Working on Approximately 100 projects for WDC subsidiaries every year L1, L2 & L3 Proposal drawings.
- Concrete fascia panel retaining wall (MacRes) used steel strip as reinforcement for Italy projects.
- Albania project from Rreshen to Kalimash length about 61 Km. In this project the height of retaining wall was 40.00m.
- Gabions / Gabion fascia retaining wall (PMS) ParaLink used as reinforcement.
- Airport Authority of India Pakyong, Sikkim high retaining wall for stabilizing valley side filling height about 60.00 meters, Toe wall at cutting side for stabilize the slope height about 30.00meters.

- MSRDC Rockfall protection measures at Lonawala near Aadoshi tunnel and Khandala tunnel.
- Kathmandu-Terai/Madesh Fast Track (Expressway) Road Project at Kathmandu, Nepal.

PROJECT EXECUTION:

- Construction of Rock fall protection work for MMRDA Eastern Free Way, Chembur, Mumbai.
- New Broad gauge railway line from Salem to Karur via Namakkal protection of side slope in cutting areas with steel wire rope netting and chain link mesh.
- Construction of Rock fall protection work for Sion – Panvel Toll Ways Pvt Ltd CBD Belapur Navi Mumbai.
- Removing and Re-fixing of Rock fall protection work for MMRDA Eastern Free Way, Chembur, Mumbai
- Client & Contractor billing.
- Execution project related Insurance works (Contractor All Risk, Workmen's Compensation Insurance Policy) from Directorate of Insurance Government of Maharashtra, Mumbai.

BUSINESS DEVELOPEMT WORKS:

- Registration related works with Public Works Department for class 1 contractor. PWD Maharashtra and PWD Madhaya Pradesh.

Other Responsibilities Held:

- Recruiting Drafting People and Training them.
- Contribution for developing drafting software.
- Control on Stationery expenditure.

Organization: FUGRO GEOTECH LTD; Villa No.5, Plot No.60, CBD, Belapur

(Fugro Geotech Ltd; is a MNC involved in specialist off shore Geotechnical Investigation Engineering)

Designation: Surveyor cum Auto CAD operator

Period : 16th May 2005 – 14th August 2006.

Exposure: Positioning Jack up platform using Omni STAR 8300HP system.

Site Survey, using Total Station,

Detailed of the following projects:

- Soil Investigation of Rewas Port Development Corporation, Mumbai.
- Site Survey & Soil Investigation of Reliance Industries Ltd, Jamnagar.
- Soil Investigation of New Mangalore Port Trust, Mangalore.
- Prepared contour drawing using Auto Plotter 5.0, & Prepare seismograph profile drawing using Auto CAD software.

Other Responsibilities Held:

- Find out technical specification of total station & accessories purchase at lower price.
- Find out technical specification of HP plotter (Design jet 500) purchase at lower price.
- Making correction in revised survey report for Reliance Gas Transportation & Infrastructure Ltd.

Organization: M S Associates, Navi Mumbai

(Survey Engineering Consultancy Services)

Designation : Sr. Surveyor

Period : 1st May 2000 – 14th May 2005

Responsibilities Held:

- Detailed route survey of OFC cable in the state of Gujarat length (Approx 3000 Km) for Reliance Engineering Associate Ltd; Ahmedabad
- Proposed pipeline survey Hazira - Uran project in Maharashtra Section for GAIL India Ltd;
- Proposed Reliance Gas pipeline survey Jamnagar - Bhopal project in Ahmedabad Section Gujarat State.
- As built survey of Reliance petroleum pipeline Chembur – Patalganga.
- Proposed Reliance Gas pipeline survey Kakinada - Uran project in Basavkalyan Section Karnataka State (length 108 Km).
- Proposed 11 KV double circuit tower line for MSEB along Thane – Belapur road & MIDC pipeline road Airoli Sub-station to CPWD Nerul (length 32 Km)
- Proposed Reliance Gas pipeline survey Rewari - Moradabad project in Haryana & Uttar Pradesh (length 230 Km)

Organization: Larsen & Toubro Limited, Chennai.

(L & T (ECC) is No. 1 Construction Company in India)

Designation : Surveyor

Period : 16th August 1999 – 29th February 2000

Project : Tidel Park, Chennai.

Responsibilities Held:

Setting out Survey work of 110 KV Sub-station & all external works supervision.

Organization: Larsen & Toubro Limited, Mangalore.

(L & T (ECC) is No. 1 Construction Company in India)

Designation : Surveyor

Period : 1st May 1998 – 14th August 1999

Project : Mangalore Refinery & Petrochemicals Ltd; Mangalore.

Responsibilities Held:

Exposure: Setting out Survey work in Mangalore Refinery & Petrochemical project of CDU/VDU/NSU – Above Ground Piping & Equipment erection.

- Location marking Easting & Northing co-ordinate of equipment foundation / pipe rack column.
- Level checking co-ordinates of foundation, Top of PCC level, Footing / Raft, Top of foundation & Top of bolt.
- Verticality checking of erected equipment before grouting.
- Erection of 450 metric ton vacuum column equipment.

Organization: M S Associates, Navi Mumbai

(Survey Engineering Consultancy Services)

Designation : Surveyor

Period : 10th April 1995 – 30th April 1998

Project : Reliance Industries Ltd; Surat & Mangalore Refinery & Petrochemicals Ltd; Mangalore.

Responsibilities Held:

Exposure: Setting out Survey work in Reliance Industries Limited; Hazira project of Polypropylene, Polyethylene plant and HDPE ware house.

- Location marking Easting & Northing co-ordinate of equipment foundation / pipe rack column.
- Level checking co-ordinates of foundation, Top of PCC level, Footing / Raft, Top of foundation & Top of bolt.
- Verticality checking of erected equipment before grouting.

Educational Qualifications

- May 2009 Diploma in Civil Engineering (Distance Learning course from National Institute of Engineering) UKAS Certification.
- Auto-CAD 2000 & MSCIT (MS Office).
- Revit Architecture 2017 version
- 1993 B. Com 2nd Year, Gopikabai Sitaram Gawande Collage, Umarkhed.
- July 1992 Industrial Training Institute, Umarkhed.
- 1991 Higher Secondary Certificate, Gopikabai Sitaram Gawande Collage, Umarkhed.
- 1988 Secondary School Certificate, Shivaji Vidhayala, Mulawa.

Computer Proficiency

- Drafting : AutoCAD 2000 to 2018
- Revit Architecture : 2017 version
- Civil 3D : Basic Knowledge
- Context capture : Drone Images converting to 3D Model (LAS)
- Others : MSCIT

Areas of Interest

Engineering Land Survey, Hydrographic Survey, Engineering Construction works, Pipeline, Geotechnical Investigation, Reinforced Soil walls, slope stabilization, Hydraulic projects, Highways, Rock fall protection work etc.
