

SOMASEKHAR D. P.



Profession :

Project management, Civil & Structural design

Present Job:

Working as freelance structural consultant

Key Skills:

Project Management
Team Management
Structural Designing (RCC/Steel/PSC)

Languages known:

Kannada
Marathi
Hindi
English

Permanent Address:

#701, 6th Main Road, 4th Cross,
Vijayanagar, Bengaluru – 560 040

Qualification :

B.E. (Civil), M.E. (Structures), M.I.S.E

Total work experience:

30 years

Countries Worked in:

India
USA
Singapore

Passport Details:

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Issued on: 12th June 2013
Validity: 11th June 2023

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Key Experience:

- Civil & structural design engineer with 26 years of experience in *Project Management, contract administration, project coordination, Team lead, structural design & detailing* of local and international projects related to Industrial, commercial, Residential & Infrastructure sectors and have *served as an assistant professor for 4 years in MVJ College of Engineering, Bangalore.*
- Proficient with *RCC, Steel, post /pre-tensioned concrete structures design and refurbishment works* with exposure to FM global; LEED, Indian & International (American & British) design/detailing standards & codes.
- A strategic planner with expertise in RCC/PSC/Precast structural designs, generating quality structural drawings of projects with a flair for adopting modern analysis, design and construction methodologies in compliance with quality standards.
- Have fairly good team management and communication skills. Adept at eliminating redundant, obsolete processes involved in the design, detailing processes and working towards value-addition and making final modifications wherever needed.
- Have expertise in industrial & commercial refurbishment projects, adopting safe design & construction methodologies in compliance with quality & standards.
- As a team and project lead involved in coordination of design and construction wings of various engineering disciplines, effective training Programs, setting up knowledge Bank, developing training modules, establishing standards and procedures to generate error free high quality designs & drawings.

PROFESSIONAL EXPERIENCE

Project Management Engineering Services (India) Pvt, Ltd., Bangalore.

PM Group is an Ireland based multinational & multi-discipline engineering design, project and construction management firm with renowned expertise in *Pharmaceutical and Food* industries was established in 1973. It is a company with 2,100 experienced team members based in 18 locations worldwide.

Role & Responsibilities:

Designation: Head - Civil & Structural (Nov 2012 - Oct 2016).

As a Civil and structural - Head is responsible for project coordination, planning, scheduling, review and approval of designs & drawings of local and International Industrial projects. Guiding the design & detailing wing, coordinating with Clients, Architects, QS team, Electrical, Mechanical, HVAC, PHE, Fire protection engineers & field staff. Involved in activities of preparing project proposal documents, project planning and construction team coordination.

Involved in effective training Programs, setting up knowledge Bank, developing training modules, establishing standards and procedures to generate error free high quality designs & drawings.

Projects Handled:

- Dr. Reddy's Laboratory- Hyderabad, •Johnson & Johnson-Project Blue Mountain-Hyderabad,
- McCain Foods (India), Mehsana-Ahmadabad. •Novartis –Warehouse and Laboratory –Singapore.
- Hindustan Unilever-Chiplun, Maharashtra. • HUL- Avalon-Project Charminar-Hyderabad.
- Givaudan-Project Peshwa-Pune. •GSK-Vemagal-Kolar. •Hetero Drugs-Hyderabad.
- Infinera-Bangalore. • Danone-Chandigarh. •Kellogg's-Sri city, •Hetero Drugs- Hyderabad,
- AstraZeneca, Bangalore. •Project Majulah-Singapore.
- United Spirits Ltd –Refurbishment projects at Baramathi/Bhopal/Asonsol & Bhadrakali.

Employer : Mahimtura Consultants (Bangalore) Pvt. Ltd. (Dec 2009 –Oct 2012)^{2,83}

Mahimtura Consultants Pvt. Ltd., Mumbai, is a multi-disciplinary engineering company, and has an experience of 57 years in the field of Civil engineering, Structural engineering, project management, Water Management consultants and construction Industry.

Role & Responsibilities:

Designation: Senior Manager-Design

- ◆ Responsible for project coordination, planning, scheduling,
- ◆ Review and approval of designs & drawings and guiding the design wing & detailing wing
- ◆ Attending internal meeting and coordinating with architects electrical, mechanical, HVAC engineers & field staff. Overseeing preparation of project proposals, design basis and standardization guidelines.

Projects Handled: - Bosch Rexroth - Ahmadabad & Bosch Verna - Goa, SABIC Research & Technology Pvt. Ltd., - Bangalore. Prestige South woods - Bangalore, USL, Dr. Reddy's Laboratory- Hyderabad, Hindustan Unilever – Goa, Hotel Arihant, Bangalore.

Employer: TRC Engineering (India) Pvt. Ltd., Bangalore.

(Duration: Oct 2000 – Nov 2007).

TRC Worldwide engineering, Inc., Brentwood, TN (USA), is a well-established full service engineering firm. TRC Engineering (India) Private Limited was started to build a global delivery process in 1999 to bring value addition to Local & International customers through design, innovation and service.

Designation: Senior Structural Engineer

Responsibilities:

- ◆ Managing the overall projects and maintaining constant improvement in work quality and productivity
- ◆ Project coordination, planning & scheduling
- ◆ Review and approval of design, erection drawings & piece details and guiding design & detailing wing
- ◆ Analysis & design of precast structures, using ETABS, Staad – pro, Presto and Axsys
- ◆ Involvement in effective training programs, setting up knowledge Bank, developing training modules, establishing standards and procedures to obtain error free high quality designs & drawings.

Assignments/Tasks:

- ◆ Lateral load analysis of structures using software packages like STAAD Pro & ETABS
- ◆ Analysis and design of RCC and PSC pretensioned structures and connection design, using soft packages like PRESTO, AXSYS and LEC wall

Projects handled:

- ◆ Bergen Street Parking Facility- Newark, New Jersey
- ◆ Target Stores T-2271-PG, Annapolis, Maryland
- ◆ Fidelity Investments- Covington, Kentucky
- ◆ Capital One B5, Goochland County, Virginia
- ◆ Westfield's Office building, Chantilly, Kentucky
- ◆ North Carolina Prison, North Carolina.
- ◆ Christopher Newport University- Virginia
- ◆ Belcrest Centre P G, Prince George's County, Maryland
- ◆ Arlington County Trade Centre, Arlington County, Virginia

Other information: As a member of coordination committee for Standardization of design / detailing practices, visited TRC office and sites of ongoing Projects at Allentown, P.A, High concrete plant at Denver P.A, Shockey precast plant at Winchester, Virginia and Metromont precast Plant at Richmond, Virginia state in USA.

Employer: BBR (India) Pvt. Ltd., Bangalore.

(Duration: November 1998 – October 2000).

BBR(INDIA) PVT LTD established in the year 1986 is a network member of M/s BBR VT international Ltd., Switzerland recognized as the leading specialist Civil Engineering Company in the field of Post-tensioning, Stay Cable & related Construction Engineering and Maintenance, Repair, Retrofitting & Monitoring of Concrete & Steel structures. BBR technologies are applied to a vast array of different structures-such as Bridges, Buildings, Cryogenic LNG Tanks, Dams, Marine Structures, Nuclear Power Stations, Retaining Walls, Tanks/Silos, Towers and Tunnels.

Designation: Senior Design Engineer

Responsibilities:

- ◆ Responsible for project coordination, planning, scheduling, guiding the design wing & detailing wing and attending internal meetings. Review and approval of designs and drawings
- ◆ Analysis and design of post – tensioned slabs / beams using software packages – STAAD III, CEDRUSS, FAGUS, STATIK & SURFER

Assignments/Tasks:

- ◆ Dynamic analysis for multi – stories building using STAAD III and ductility design of RCC structures. Design of Raft foundation, Launching Girder, Trestles, Erection components for Bridges and design of bridge bearings.

Projects dealt –

- ◆ Post-tensioned slabs and beams designed for - Omega Towers at Mumbai and Brigade Software Technology Park at Bangalore.
 - ◆ Bridge bearings design for Flyovers at Agra & New Delhi.
 - ◆ Lateral analysis, PT slab design and design of other RCC structural components for LNJP Orthopaedic Hospital at New Delhi.
 - ◆ As a member of inspection and quality control team, visited various ongoing project sites in New Delhi, Agra, Mumbai and Bangalore, which include Buildings, Flyovers and Bridges
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Employer: Consulting Engineer Services, Bangalore. (Duration: June 1993 – June 1998).

Designation: Design & Project Engineer

Reporting to: Design Manager

No. of Employees Reporting to Me: Fourteen

Responsibilities:

- ◆ Project coordination, planning & scheduling, review and approval of design and drawings & guiding the design wing & detailing wing
- ◆ Analyzing and design of RCC and Steel structures and attending internal meeting & site meeting
- ◆ Coordinating with architects electrical, mechanical, HVAC engineer & field staff

Assignments/Tasks:

- ◆ As a Design Engineer, the job done include - lateral load analysis for High rise RCC and Steel structures using STAAD, SERC and IDEA software packages and design of Isolated/Wall/Combined footings, Pile/Raft foundation, Sump/OH Tanks, underground reservoir, Swimming pool, Conical head water tank, Folded plate roof, Grid floor, Flat slab, Retaining wall, Helical / Spiral stairs and steel structural components of Green house and Industrial sheds.

Projects dealt:

- ◆ Residential Apartments – Town house, for M/s Rock Line Constructions, * RMV Apartments for Bank Employees Association, Bangalore. * K.T. Apartments for M/s Turnkey Constructions, Bangalore. Rich Homes Apartments for M/s India Builder Corporation, Bangalore. *Commercial Building at OTC Road for M/s SPA Constructions, Bangalore. * Industrial Structures – Intra-vidyuth, at Electronic city, Bangalore, Jindal Aluminium, Bangalore. Staging and formwork for deck slab of T.G pedestal for Surat Lignite Power Corporation. Floriculture projects for M/s Lakshmi Machine Works and M/s Goodwill Technology, Bangalore.
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COMPUTER CAPABILITIES:

- Computer course in PC applications, Hands on experience in STAAD Pro v8i, ETABS, MS Office, AUTOCAD, CEDRUS, STATIK, FAGUS, SURFER, PRESTO, AXSYS.
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ACADEMIC PROFILE

- M.E. with specialization in Structures, from University Visveswaraya College of Engineering, Bangalore University, March 1988. – First Class (64%)
- B.E. in Civil Engineering, from University Visveswaraya College of Engineering, Bangalore University, October 1984. – First Class with Distinction (71.2%)
- Pre-University (PUC), from St. Joseph’s College, Bangalore, April 1979. – First Class (81.8%)
- SSLC, from St. Joseph’s High School, Bangalore, April 1977. – First Class (76.5%)
