

SUBRAJA RAVICHANDRAN, (PMP)®

Chennai, Tamil Nadu, India | 8939095960 | subrajask@gmail.com

<https://www.linkedin.com/in/subraja-ravichandran-18095b26/>

PROFESSIONAL SUMMARY

- PMI Certified Project Management Professional (PMP)® with 5 years of experience in Tendering & Project Management for Domestic & International Heavy Infrastructure Projects.
- Contributed successfully in the development of Nuclear Power Plants, Special Bridges and Underground Utilities in areas of Estimation & Costing, Project Initiation, Planning, Scheduling, Executing, Monitoring & Control.
- High Proficiency in Project Scheduling and Monitoring using Project Management tools – Microsoft Project and Primavera P6.
- High Proficiency in Project Estimating tools – Heavy Bid & Candy.
- Vast experience in performing Direct and Indirect costing in Civil Engineering domain for Domestic and International Heavy Infrastructure projects.
- Thorough knowledge on Project Definition Rating Index (PDRI) a powerful tool used in Building and Infrastructure projects to measure the degree of scope development.
- Knowledge in formulation of project documents during Tendering, Initiation and planning phase of the project.
- Knowledge in Finance Management and Competent in Cash flow preparation for a project.
- Proficiency in interpreting drawings and quantity calculations using AutoCAD.
- Possess efficacious business presentation skills and have handled numerous Domestic and International clients and prospective partners.

SKILLS

Technical Skills & Proficiency

- | | |
|--------------------------|--------------------------------|
| • Cost Management | • Primavera |
| • Schedule Management | • Microsoft Project |
| • Risk Management (PDRI) | • Microsoft Excel & PowerPoint |
| • Procurement Management | • AutoCAD |
| • Team Development | • Candy |
| • Project Documentation | • Heavy Bid |
| • Business Presentation | • C |

WORK EXPERIENCE

Project Manager

Atlantis Underground Services Ltd. (Canada)

September 2019 - Present

- Manage all the aspects of the project including budgeting, bidding, negotiations and monitoring.
- Estimate quantities and perform direct and indirect costing for underground utilities by reviewing tender documents, drawings and specifications.
- Formulate document submittals during tendering and project planning.
- Prepare invoices, schedules and monitor costs during project execution.
- Perform vendor quote comparisons and assist in procurement decisions.
- Handle project communications with stakeholders.

Assistant Manager

Heavy Civil Infrastructure, L&T Construction (India)

July 2018 – Aug 2019

- Performed and Co-ordinated Direct Costing (Civil) and Indirect Costing for Nuclear Power Plants (\$310M – Domestic; \$235M - International).
- Carried out Pre-Bid Risk Assessment using Project Definition Rating Index (PDRI) and customized PDRI tool for Nuclear Power plant projects.
- Led and Performed Variance analysis for a Bridge project by carrying out BoQ check, Scheduling and Costing.
- Led the Project Methodology Document preparation in the Project Initiation phase for an International Nuclear Power plant project comprising of Project Management, Procurement Management and Construction Management.
- Led and Carried out delay analysis study in a Nuclear Power plant through Field study, Direct Interview and Questionnaires, and identified the critical parameters causing time and cost overrun.

Senior Engineer

Heavy Civil Infrastructure, L&T Construction (India)

Aug 2016 – June 2018

- Created Project Schedules using Primavera and Microsoft Project for various Nuclear Power Plants (\$600 M) & Special Bridges (\$850M).
- Prepared Documents & performed Estimations during tendering & Formulated Project documents during planning.
- Functioned as a project documentation controller managing 20000 confidential documents as per Export Control regulations.
- Have made technical business presentations about the experience and expertise of the organization to Domestic and International Clients and Prospective Partners.
- Have trained a team of Diploma Engineers on Project Management in C-TEA, a Technical skills training institute of L&T.
- Prepared Material, Labour and Equipment requirement for various Nuclear Power Plants (\$600 M) & Special Bridges (\$850M).

Project Intern

Buildings & Factories, L&T Construction (India)

April 2015 – June 2016

- Developed a software platform to monitor & control resources in Residential projects at a micro level which was later adapted as a system in the organization

ACCOMPLISHMENTS

- Rated as a “*Top Performer*” consistently by the organization for good contribution to the performance of the Business Unit.
- Published a paper on “*Pre-Bid Risk Assessment for EPC Projects*” in International Conference on Smart Materials and Techniques for Sustainable Development.
- Published a Journal on “*Monitoring and Control Systems for Resources in Construction Sites*” in International Journal of Innovative Research in Science, Engineering and Technology.
- Honoured with “*Build India Scholarship (BIS)*” from L&T Construction to pursue Master’s Degree.
- Secured “*Gold Medal and Outstanding Student Award*” in Master’s Degree and “*University Rank*” in Under-graduation Degree.
- Secured an Overall Band score 8 (CEFR Level – C1) in IELTS (General Training) and possess Business English Certificate – Preliminary & Vantage from University of Cambridge

EDUCATION *(Certified Canadian Equivalency – Master’s Degree by WES)*

Master of Technology , Construction Technology and Management (95.8%) National Institute of Technology, Tiruchirappalli, India	2014 - 2016
Bachelor of Engineering , Civil Engineering (88.2%) Anna University, Chennai, India	2010 - 2014
Project Management Professional (PMP) Certified through Project Management Institute, USA	2020