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Pethanna Rajendran

Construction Project Management Professional

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| Objective | To build & lead a team that successfully resolves challenges and deliver the projects to the customer and value to the organization. |
| Professional Attributes | * Certified **Project Management Professional (PMP®)**
* An excellent team leader & team builder
* Good at Strategy & business planning
* Strong in problem solving and analytic approach
* Demonstrated experience in planning, execution & control in large infrastructure projects
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| Skills set |
| Project planning & execution | ★★★★★★★★★★ | Process Improvements | ★★★★★★★★★★ |
| Estimation & Proposals | ★★★★★★★★★★ | Creativity & Innovation | ★★★★★★★★★★ |
| Costing & Budgeting | ★★★★★★★★★★ | Project Monitoring & Control | ★★★★★★★★★★ |
| Scheduling & Resource planning | ★★★★★★★★★★ | Project Risk Management | ★★★★★★★★★★ |
| Procurement & vendor management | ★★★★★★★★★★ | Contracts & claim management | ★★★★★★★★★★ |
| Knowledge of Construction methods | ★★★★★★★★★★ | Strategy & business development | ★★★★★★★★★★ |
| MicroSoft Excel, PowerPoint, Word | ★★★★★★★★★★ | MS Project  | ★★★★★★★★★★ |
| PRIMAVERA Version 6.0 | ★★★★★★★★★★ | AutoCAD | ★★★★★★★★★★ |
| Education |
| Degree | Institute | Year of passing |
| Management Education Program | Indian Institute of Management, Ahmedabad | Jun- 2015 |
| Master of Technology – Construction Technology & Management | Indian Institute of Technology, Delhi | Jun-2008 |
| Bachelor of Engineering – Civil Engineering | College of Engineering, Guindy, Anna University, Chennai | May-2006 |
| Experience – 13+ years |
| Larsen & Toubro Limited [https://www.larsentoubro.com](http://www.larsentoubro.com) | L&T Construction <https://www.lntecc.com> | Since Jul-08 |
| Project ManagerFast Reactor Fuel Cycle Facility projects at Kalpakkam | Jul’21 – till date |
| Head - Project Planning & Control Construction Main Plant Structures in Kudankulam Nuclear Power Project – 3&4 | Oct’19 – Jul’21 |
| Senior Construction ManagerConstruction of Reactor Building in Kudankulam Nuclear Power Project – 3&4 | Apr’17 to Oct’19 |
| Senior Construction ManagerConstruction of buildings for Fast Reactor Fuel Cycle Facility (FRFCF) – WMP package | Apr’16 to Mar’17 |
| Estimation & Proposals ManagerEstimation & Costing for tenders | Business Development | Strategic planning | Jun’13 to Mar’16 |
| MIS & Project Coordinator6 Projects under Nuclear Construction Business Unit, Chennai |
| Construction ManagerReactor Building in Kakrapar Atomic Power Project (KAPP), Gujarat | Dec ’12 to Jun’13 |
| Assistant Planning ManagerKakrapar Atomic Power Project (KAPP), Gujarat | Dec ’09 to Nov’12 |
| Planning EngineerKudankulam Nuclear Power Project (KKNPP), Tamilnadu | Jul ’08 to Dec’09 |
| Professional achievements | * Bagged projects worth INR 900 Cr (~ USD 140 Mn) for Nuclear business
* Developed a software named “FOCUS” for planning and monitoring with an app, that reduced the time required to plan a pour by 40%
* Implemented innovative construction techniques to speed up the construction in critical path by 15%
* Built on the growth strategy for nuclear construction business
* Created the master construction schedule for entire KAPP civil works involving about 1500 pours and various interfaces
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| Current Role | **Project Manager (Jul-21 to till date)**Fast Reactor Fuel Cycle Facilities (FRFCF) An enabler for the 3rd stage of Indian Nuclear Program, designed and constructed by Indira Gandhi Centre for Atomic Research. Work involves construction of waste management plant, Fuel Reprocessing Plant and various other allied buildings. Located at Kalpakkam, Tamilnadu, India; Project Value - $ 150 Mn* Responsible for timely completion of the project within the budget satisfying all quality & safety requirements
* Planning, executing, monitoring & controlling the project
* Responsible for monitoring & controlling the project cost
* Monitoring resource productivity levels and enhancing them
* Procurement management
* Stakeholder management – internal / external stakeholders
* Risk management – identify, mitigate risks in the project
* Develop / Manage Team size – 130 construction professionals
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| Project experience |
| Kudankulam Nuclear Power Project – 3&4 (KKNPP-3&4)Nuclear power project with 2 units of 1000 MWe each, constructed by Nuclear Power Corporation of India, supported by ROSATOM. Scope involves construction of Reactor Containment and other main plant structures, mechanical equipment erection, piping systems erection and various other activities. Located at Kudankulam, Tamilnadu, India; Project Value - $ 200 Mn | Head, Project Planning & Control (Oct-19 to Jul-21) (21 months)* Planning, executing, monitoring & controlling the project
* Develop project baseline schedule, monitoring the progress w.r.t plans, proposing corrective actions
* Responsible for monitoring & controlling the project cost
* Monitoring resource productivity levels and enhancing them
* Procurement management
* Stakeholder management – internal / external stakeholders
* Risk management – identify, mitigate risks in the project
* Develop / Manage Team size – 12 young engineers
* Interface management

Coordinating with Quality & Safety team for successful implementation of the relevant standards |
| Kudankulam Nuclear Power Project – 3&4 (KKNPP-3&4)Nuclear power project with 2 units of 1000 MWe each, constructed by Nuclear Power Corporation of India, supported by ROSATOM. Scope involves construction of Reactor Containment and other main plant structures, mechanical equipment erection, piping systems erection and various other activities. Located at Kudankulam, Tamilnadu, India; Project Value - $ 210 Mn | Senior Construction Manager of Reactor Building#3 (Mar’17- Oct’19) (32 months)* Construction of Reactor Building#3 including resource planning
* Understanding Russian Drawings and converting them into workable plans
* Defining the construction methods for reactor building
* Devising and seamless execution of the monthly plan
* Management of critical resources like tower cranes
* Enhancing customer satisfaction and brand value
* Ensuring quality product delivery
* Upholding safe working standards
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| Fast Reactor Fuel Cycle Facilities (FRFCF) An enabler for the 3rd stage of Indian Nuclear Program, designed and constructed by Indira Gandhi Centre for Atomic Research. Work involves construction of waste management plant, Fuel reprocessing plant and various other allied buildings. Located at Kalpakkam, Tamilnadu, India; Project Value - $ 62 Mn | Construction manager for Civil execution. (Apr ’16 – Mar’17) (12 months)* Construction of Waste Management Plant, Solid Waste Building, Ventilation stack etc.
* Devising and seamless execution of the monthly plan
* Defining construction methods for WMP / SWB
* Enhancing customer satisfaction and brand value
* Ensuring quality product delivery
* Upholding safe working standards
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| Estimation & Proposals ManagerMIS & Project CoordinationCoordination of projects under Nuclear construction business, commercial proposals for new projects  | Tendering Manager (Jun’13 – Mar’16) (34 months)* Estimation and proposals submission for tenders of Nuclear construction business
* Bottom up costing for proposal & getting approval from management for submission of tenders
* Costing for the mega nuclear power project by Westinghouse
* Negotiation with vendors to achieve better pricing
* Coordination of 6 nuclear projects – in various stages of work from concept to completion
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| Kakrapar Atomic Power Project (KAPP)Maiden mega power nuclear project with 2 units of 700 MWe each, designed and constructed by Nuclear Power Corporation of India. Work involves construction of reactor containment and other main plant structures and various other activities. Located at Kakrapar, Gujarat, India;Project Value – $ 113 Mn | Construction Manager of Reactor Building#3 (Dec ’12 –Jun’13) (7 months)* Construction of Reactor Building#3
* Devising the monthly plan and arranging resources
* Seamless execution of the monthly plan
* Management of critical resources like tower cranes
* Customer interaction
* Ensuring quality product
* Upholding safe working standards

Planning manager for Civil execution. (Dec ’09 – Nov’12) (36 months)* Planning & MIS
* Quantity survey
* Scheduling & Control
* Progress monitoring
* Contracts & quantity estimation
* Billing & Costing
* Resource Coordination
* Vendor interface
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| Kudankulam Nuclear Power Project -1&2 (KKNPP)Maiden mega power project with 2 units of 1000 MWe each, constructed by Nuclear Power Corporation of India. Work involves mechanical equipment erection, piping systems erection, instrumentation and various other activities. Located at Kudankulam, Tamilnadu, India; Value – $ 38 Mn | Planning engineer for equipment and piping erection. (Jul’08 to Nov’09) (18 months)* Planning
* Scheduling & control
* Contracts & Claims management
* Management Information Systems (MIS)
* Quantity survey
* Progress monitoring
* Resource Coordination
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| Certifications | * Project Management Professional from PMI, USA (2020)
* Managing Safely from IOSH, UK (2019)
* Harvard Manage Mentor from Harvard Business Publications (2020)
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| Professional Associations | * Member of Project Management Institute
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| Strengths | * Fluent communication
* Self motivated
 | * Adaptability to site and office conditions
* Trustworthy
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| About Me | * Indian
* Passport number – N8480895
 | * Fluent in English, Tamil, Telugu, Hindi
* Married
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| References | * Mr. P Niranjana, President, Adani Power
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| * Dr. S.Kalirajan, Dy.Dean, Institute of Project Management, L&T
 |
| * Mr.M.Natarajan, General Manager, Tata Projects Limited
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