



Umesh Chander Pandey

PROJECT MANAGEMENT & BUSINESS DEVELOPMENT (M. No. 9873429681)

Preferably in Projects & Operations of Mining Plant, Steel & Power Plant, Manufacturing, Construction, Cement Plant, Aggregate sectors

Over 2.5 decades of experience in executing full life-cycle designing projects; ramping up projects

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📌 Profile Summary

- Track record of Over 25 years into Project Management of projects for **Sponge Iron DRI, Steel Plant, Steel Plant, Power Plant, Grinding Mill, Stacker & Reclaimer, Iron Ore/Coal Beneficiation Plants, Crushing and Screening Plants, Pelletizing Disc, Wagon Tippler, Coal Washery, Flotation Cell, Screens & Feeders etc.**
- Comprehensive experience in **project management activities** including project scoping, estimation, Scheduling & Planning, Designing, Ordering, Manufacturing & Supply, risk management, finalization of technical / functional specifications, resource administration and quality management and controlling the margins along with cash Flow management, handling of LCs & BGs & Project closure settlement, Arbitrations & Court Settlements and warranty Phase.
- Demonstrated excellence in managing various projects; setting priorities, develop a work schedule, monitor progress towards goals, making decisions, weighing risk and track details/data/information/activities
- Initiated Project Management through Stage Gate Review Method. Stage Gate Method is set by dividing the Project into different and smaller stages starting from RFQ, Order receipt, Order Handover to Project Team, Basic Engineering, Engineering Priority1, 2 & 3, Supply Stages, Pre-installation Stage, Installation & Commissioning Stages, Commissioning & handover Phase and finally warranty Phase. Each Stage is divided into Smaller Activities with predefined review formats. Every stage gate has the set review date related to the individual project. These smaller gates are reviewed on these dates and are passed with Green, Yellow or Red Lights depending upon the severity of the Project stage activities and their completion. For Example, if Project is on time and all activities of the set gate are achieved, then the gate is passed with Green. If the Stage Gate activities are not completed on the defined date and effects the project schedule and margin, then the gate is passed with Yellow and responsibilities are assigned to bring the project schedule and margin back into the Track. However, if the project margins and schedule are effected remarkably, then Project management meeting is called to assign and attend the overrun activities to decide about the Project Margin/Schedule/Fate. **This Method leads to 100% assurance of completion of Project on Time without any risk.**
- Proficient in **creating/ reading/ interpreting drawings** with proficiency in designing in conformance to pre-defined technical specifications.
- A **keen planner, strategist & implementer** with proven skills in setting up as well as ensuring smooth functioning of overall operations and enhancing operational efficiency by making use of leading edge technologies.
- Expertise in **creating business development procedures** and service standards & operational policies and guidelines for global sites with clear understanding & experience of operating each of designated units as a separate profit centre.
- An **effective leader with distinguished skills** in recruiting, directing, leading & motivating large multi-cultural workforce imparting continuous training & career development for accomplishing greater operational efficiency and achieving operational excellence.



Core Competencies

Project Management
Commercial Operations (Pmt, BG/LC etc.)
Strategic Planning& Project Scheduling
Design, Supply, Installation ,Commissioning
Cost & resource Management
Process Reengineering
Business Excellence & Development
Arbitration & Court Settlement
Team Building & Leadership



Skill Set



Notable Accomplishments Across the Career

- Distinctively executed the first Sponge Iron Based Integrated Steel Plant projects of total worth of INR 600.0 Crore at Scaw Industries Pvt. Ltd.
- Executed engineering of Sponge Iron Based Integrated Steel Plant at Visakhapatnam with 20.0 MW Captive Power Plant for Mahamaya Steel
- Led In-house development of Iron Ore Crushing Plant involving primary Jaw Crushers & Secondary Double Roll Crushers to get the sized ore of 20 to 40 mm out of R.O.M. at Jindal Steel & Power Ltd.
- Led the Grinding Ball Mill Project for ANRAK Aluminium Ltd.
- Contributed in executing & commissioning the:
 - Development & layout designing for iron ore crushing plant at Jindal, Orissa
 - Ash handling system for Waste Heat Recovery Boilers at Jindals in record time of 6 months as compared with 12 months scheduled time
 - 55 MW Captive Power Plant (Status Commissioned) at Jindal
 - Lease finance execution & documentation of INR 7 Crore for the various equipment at Jindals
 - 33 KV Switchyard Project of IGNP-Bikaner within 12 months at Trading Engineers
 - Emergency Water Circulation System for MCPH-Chandigarh at Trading Engineers
 - Emergency water circulation system for Blast Furnace, Rolling Mill Coke Oven for Visakhapatnam Steel Plant in a record time of 6 Months as compared to 12 months scheduled at Trading Engineers
 - 33 KV Switchyard for IGNP-Bikaner at Trading Engineers
- Arranged the clearances of:
 - DGFT licenses for 2nd hand Rolling Mill at Jindals
 - EPCG Licenses for various new projects for worth INR 20 Crore at Company Name
- Placed orders for heavy earth moving equipment for iron ore mine and for coal mine from BEML, Caterpillar, HM and TELCO under lease finance with GE -Cap at Company Name
- Independently led from design to procurements and supplies, E&C of complete Steel and Power Plant for Scaw Industries Pvt. Ltd. such as Sponge Iron Kiln, Boiler, ESP, Steam Turbine Generator, Pumps, Motors, Compressors, HT/LT Switchyard, Transformers, Steel Melting Shop including Induction Furnace, Caster
- Executed the Grinding Ball Mill Projects for Aluminium Plant and Ball mill Projects for the Iron Ore Beneficiation Plant for Bhushan



Career Timeline

Oct, 2018 to Jan, 2020

Synergy Steels Ltd.

Vice President -Projects

2005 to Oct., 2018 (13 Yrs)

Metso India Pvt. Ltd. as General Manager-Projects

2001-2003 (2 Years)

Metso Minerals (India) Pvt. Ltd. as Project Engineer

2005

Predominant Engineers. DGM-Projects

2000-01

Trading Engineers Intl. Ltd. as Assistant Manager - Projects

2003-2005(2 Years)

Scaw Industries Pvt. Ltd. as AGM - Projects

1994-2000 (6 Years)

Jindal Steel as Assistant Manager - Projects



Organizational Experience

Oct.,2018 to Jan,2020 Synergy Steels Ltd.---

As Vice President Projects for the Two Factories & their Expansion - One factory is of casting Shop with 25 & 35 T IF+ 01 No. 6 Mtr. CCM, + 01 No. AOD . Another Factory comprises of Wire Rod Mill, Reheating Furnace, Soluton Annealing Furnace + Wire Drawing Machine + Wire furnace+ Bright Bar Mill . This is in mode of expansion of putting of HR+ CR Mill and is under Planning mode.

Oct'05 to Oct. 2018 (13 Years)

Metso India Pvt. Ltd., Gurgaon as Head Of Projects with Designation General Manager-Projects

- Written the Project Management Handbook for Metso for Standard Operating System & Procedures.
- Developed the ERP/SAP procedures in Metso with Accenture.
- Mentoring a team of 30 Project Managers and Installation Team to manage the following projects:
 - 8 MTPA Pellet Plant with JSW
 - Pellet Plant with ESSAR & Monnet
 - Iron Ore Beneficiation Plant of Bhushan Steel of 165 Crore
 - Beneficiation Plant for Abhijert (110 Crore).
 - Grinding Mill for the Alumina Plant , 50 Crore
 - Grinding Mill for the Iron Ore for ESSAR for 100 Crore
 - 150 to 700 TPH Coal Washeries at Jindal , Global Coal etc.
 - Pelletising Disc for the Iron Ore at ESSAR, JINDAL, Mexico, USA
 - Stacker for ANRAK, VSP, EPIL BGR
 - Stacker & Reclaimer for ANRAK, VSP, EPIL BGR, BSP, SAIL
 - Twin Boom Stacker
 - Wagon Tippler for the Cement Plant, Alumina Plant & Steel Plants of UTCL, BGR, Jindal, JSW, Reliance etc.
 - Screens & Feeders
 - Nord Wheeler Based Crushing and Screening Plant for 500 Crore annually.
 - Fixed Crushing & Screening Plants
 - Crushing & Screening Plants for the Aggregate, Iron Ore, Zinc Plant
 - Flotation Cells for Washeries /Beneficiation Plants for L&T, BHUSHAN, Global COAL, JSPL HZL
 - Pressure Filter for the Steel Plant for JSPL, JSW
- Executed pellet plant with JSW , Monnet, ESSAR which comprises of Grinding & Beneficiation, Thickner, Filtration +Mixing + Balling + Separation with SDRS +DDRS+ Endurating Machine + ESP+ GCT + Hearth Separation + accessories etc.
- Studying all the projects through Stage Gate Method to ensure the timely completion of the Project and Margins with the current resources
- Takingproject orders by managing design & engineering, supply, installation & commissioning & warranty phase under project management
- Driving activities right from conceptualization stage to execution; involving finalization of WBS, scheduling of project, resources, freezing technical specifications, approvals of Engg. Drgs, procurement of equipment freeze with Consultant for Steel Plant & Power Plant
- Monitoring & controlling cash Flow starting the PO receipt to commissioning and handover and is fully conversant with the Billing, LCs (Letter of Credit) , Bank Guarantee and so on
- Administering settlement of claims / arbitration with contractor & client through arbitration proceeding and through court
- Monitoring supplies, site progress & requirements to maintain overall Project Schedule within the time Period & within the Financial limits
- Analysing resource and priorities for various project and with the Design, Sourcing team & Project Team
- Creating project review, monitoring & status reporting procedures to report progress of the project to the stakeholders and end user clients
- Performing activities involving working out various requirements & monitoring overall project operations for ensuring the timely completion
- Observing the site activities and reviewing project schedule, ensuring cost control within budget, planning for cash flow requirements, and so on
- Supervising settlement of claims / arbitration with contractor & client
- Leading resources required for installation & commissioning and managing the dispatches of equipment to ensure matching with erection schedules
- Reviewing engineering drawings layouts, diagrams, technical specifications, cost estimates for erection & commission of the plant
- Installing, vibration performance trials, system layouts and checks of main and auxiliary machinery and preparing documents for the same
- Commissioning & controlling Site Engineers for smooth operations and sorting out the technical problems of site
- Administering performance guarantee test and plant approvals
- Assessing scope for:
 - Planning, implementing & monitoring technological changes to enhance productivity through Stage Gate Review Method
 - Modifications in equipment, process flow, working practices, consumables, power, and so on for controlling & reducing conversion cost per unit produced
- Preparing MIS reports such asStage Gate Review, Cash Flow, Project Schd., Deliverables, Analysis of budget vs. actual expenses and resources, resources through workload chart and Cost of Man hours

Mar'05 - Oct'05

Predominant Engineers & Contractors Pvt. Ltd., Gurgaon as Deputy General Manager- Projects

- Executed engineering of Sponge Iron Based Integrated Steel Plant at Visakhapatnam with 20.0 MW Captive Power Plant for Mahamaya Steel.

Jun'03 - Mar'05

Scaw Industries Pvt. Ltd., Delhi as Assistant General Manager- Projects

- Distinctively executed the first Sponge Iron Based integrated Steel Plant projects of total worth of INR 600.0 Crore at Scaw Industries Pvt. Ltd.
- Ordering, Management (Engg., Approval, Inspection, Supplies, Erection & Commissioning) of the all the below said packages for Power Plant:-
 - Boiler&TG Package & Chimney
 - ESP package
 - Ash Handling
 - DM Plant, Pumps,
 - Valves,
 - IBR Piping & Fittings,
 - Deaerator Package,
 - Ash Handling Package,
 - Coal Handling Package,
 - Transformers,
 - Feed water Piping & Package etc. for the Power Plant,
 - Cooling tower package.
 - Steel Melting Shop
 - Continuous Caster
 - Induction Furnace
 - LRF
 - HT/LT Switchyard
 - Erection Contractor
- Engineering scheduling and finalization for Sponge Iron Kiln with Engineering consultant.
- Ordering (Engg., Approval, Inspection, Supplies, Erection & Commissioning)for the Sponge Iron Kiln Packages as listed below:-
 - Kiln Shell, Castings, Rollers, ABC& DSC,
 - Tyres,
 - DCS Package,
 - Instrumentation Package,
 - Cooler with Tyres & rollers,
 - Weighing & Feed Package, Conveyor Package
 - Water Spray Package,
 - Fans for Kiln, Thermocouple,
 - Civil Design Finalization,
 - Ash Handling Package, Scraper Chain package,
 - Chutes after Kiln,
 - Day Bins ,
 - Flap Gate Valves,
 - Fire Safety package,
 - HT Panel , LT Panels ,
 - DG Sets for emergency Load etc.
- Finalization of Water reservoir and its engineering and its water Pumping System to the Plant,
- Progress monitoring of all the packages at Vendors as well as Site for on time completion.
- Project Financing and follow up for the documentation with the Bank.

Mar'01 - Jun'03

Metso Minerals (India) Pvt. Ltd., Gurgaon as Project Engineer

- Worked as project Manager for the Crushing and Screening Plant which comprises of the Project Scheduling , Engineering, Supply , Installation & Commissioning of the Crushing Plants.
- Maintaining the Stock Position to maintain the delivery of 5-10 Plants per Month which cover the close monitoring of all the parts I.e, Geared Motor, Belt, Idlers, Pulleys, Switches, Belt , Structural, Jaw Crusher , Cone Crusher, Barmac Crusher , CVB Screen, VMO Feeders, NW Chassis etc.
- Site visit to finalize the Plant layout & orientation with Customer.
- Project financing Documentation with BANK as lease finance through delivery order.i.e. from SREI, ICICI, PNB etc.

May'00 - Mar'01

Trading Engineers Intl. Ltd., Delhi as Assistant Manager - Projects

- Worked as project Manager for the following Government Projects which comprises of the Project Scheduling , Engineering, Supply , Installation & Commissioning of the Crushing Plants.
 - 33kV Switchyard for IGNP in Rajasthan.

- Water Pumping Station for Delhi Government.
- Emergency Water Pumping Station for Blast Furnace of VSP.
- Fire Fighting Projects.
- DG Sets for the Government Projects.
- Project Scheduling & In House Engineering.
- Site visit to finalize the Plant layout & orientation with JEE.
- Payment Documentation and bill Verification with JEE for getting the payments.
- Arranging the Inspections with DGS&D.
- Arranging the Inspections & Dispatch Clearance from JEE.

May'95 - Apr'00

Jindal Steel & Power Ltd. (Previously known as Jindal Strips Ltd.), New Delhi

As Asstt. Manager Project

- Worked as Project Manager & Distinctively executed the various Projects of Captive Power Plant as well as the Iron Ore Mine at Tannar with following responsibilities of (Ordering , Engg., Approval, Inspection, Supplies, Erection & Commissioning):-
 - Ordering of the Boiler Package
 - Ordering of the TG Package.
 - Ordering of the Valves Package
 - Ordering of the DM Plat Package
 - Ordering of the BFP Pump Package
 - Ordering of the Cooling Tower Package.
 - Ordering of the 33 KV Switchyard Package.
 - Ordering of the IBR Pipes & fittings.
 - Ordering of Deaerator package.
 - Ordering of the Chimney Package.
 - Ordering of the DCS Package.
 - Ordering of the Instruments.
 - Chimney Clearance from Airport Authority.
 - Factory Clearance
 - DGFT Clearance for the EPCG License.
 - Scheduling & Follow up of the above packages for Inspections and dispatches.
 - Engineering approvals
 - Ordering of Wet & Dry Ash Handling Package.
 - Ordering of Oil Burner Package
 - Ordering of ESP package.
 - Ordering of Heavy Earth Moving Equipment for Iron Ore Mine.
- Engineering scheduling and finalization with Engineering consultant.
- Finalization of Water reservoir and its engineering and its water Pumping System to the Plant,
- Progress monitoring of all the packages at Vendors as well as Site for ontime completion.
- Project Financing and follow up for the documentation with the Bank.
- Handling DGFT Clearance
- Handling EPCG license

Jun'94 - Jan'95

Jindal Strips Ltd., Raigarh as Project Engineers Trainee – Steel / Power /Ball Mill /Material Handling Plant

- Worked as Site Engineer for the Captive Power Plant with WHRB and its ash Handling System.



Academic Details

- Schooling & 12th From Delhi (12th with 92% score)
- B.E. (Hons.) in Mechanical Engineering from Regional Engineering College, Silchar, Assam in 1994.
- Two Week Project Diploma on Project Management at China & Singapore from PMP.
- MBA/PGDM-OPERATIONS from AIMA IN 2020 .
- Member of AIMA.

IT Skills

- MS Projects
- MS (Word, Excel, PowerPoint and MS-Projects).
- ERP/SAP
- Primavera Project Planner
- AutoCAD/Autodesk Version 2020,



Personal Details

Date of Birth: 10th September 1971

Languages Known: English & Hindi

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