

EPCM

World Class Engineering, Procurement
&
Construction Services



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ABOUT EPCM

EPCM stands as an ascendant World-Class Consultancy, distinguished in the realms of Engineering, Procurement, Project Management and Construction Services. A paragon of precision and meticulous planning, EPCM is propelled by profound business acumen and extensive experience, charting the course for the future of engineering enterprises from conceptualization to commissioning and beyond.

EPCM's prowess lies in delivering avant-garde engineering solutions by establishing elevated benchmarks in Engineering, Construction Planning, and Project Management. With a wealth of experience, EPCM has successfully orchestrated the planning and execution of forward-looking projects in sectors including Steel, Power, Textile & Garments, Glass, Paper, Wood Processing & Furniture, and Cement.

VISION

To become a leader in the field of Engineering, Procurement and construction management (EPCM) ensuring safety, health & Environmental Protection.

MISSION

To provide Efficient, Safe, Economical and Environment friendly Design and Engineering solution for our entire project.

OUR VALUES

To ensure customer satisfaction by providing total solution, all assistance and value-added solutions beyond the limits of customer expectations.

OUR SECTORS

Steel Making
Flat & Long product
Rolling
(Rebar and Sections)
Steel Scrap Management



Power Plant
Power Distribution System



Wood Processing
&
Furniture



Water Treatment Plant



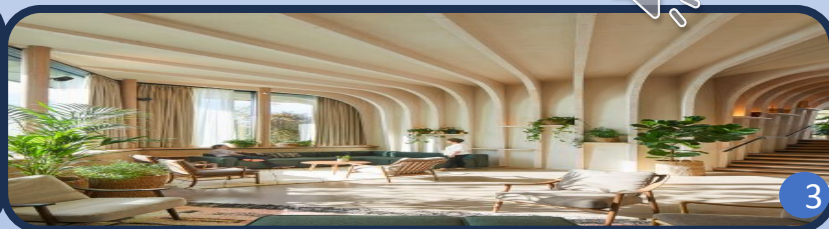
**Air Separation (Oxygen,
 nitrogen
 and argon plant)**



Textile & Garments



**Real-estate, Architecture,
 Construction,
 Exterior & Interior**



BUSINESS SEGMENTS, PRODUCTS & MATERIALS

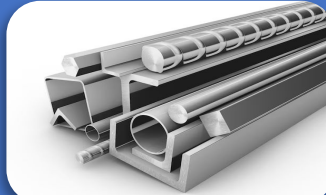
STEEL DIVISION



Steel Scrap



Scrap Processing & Shearing m/c



Steel bars & Sections



Electric Arc Furnace



Silico-manganese



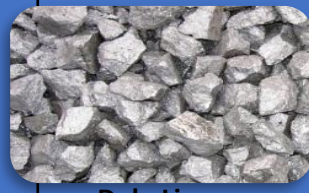
Ferromanganese



Ferro Silicon



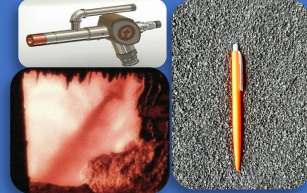
Induction Melting Furnace



Dolo Lime



Burnt Lime



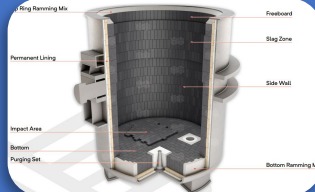
Carbon & Injection System



Ladle Refining Furnace



Magnesia Carbon Bricks



Tundish Refractory



Ladle Refractory



Reheating Furnace



Graphite Electrode



Steel Slag Processing



Oxygen Plant



Continuous Casting m/c



Rebar Cut & Bend m/c



Rebar Bending m/c



Lime Calcination Plant



Hot Rolling Mill

POWER, WATER & UTILITY DIVISION



Water Treatment Plant: Pump, Cooling Tower, valves & Instruments



El, Automation & Instrumentation



Hydraulic & Pneumatic Equipment & instrument



Robotics



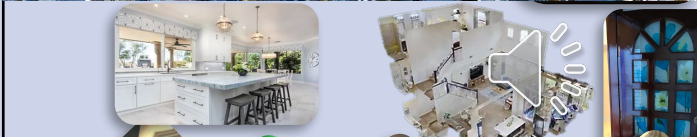
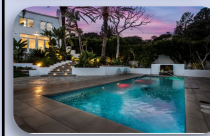
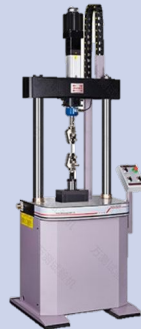
TEXTILE & GARMENTS DIVISION

- Machinery for Spinning preparation, Man-made Fiber Production, Spinning, Winding, Texturing, Twisting, Auxiliary Machinery and Accessories.
- Weaving Machineries like Waterjet Machine, repair Machine, Air Jet Machine, High Speed Warping Machine, Needle Looms Machine, Circular Knitting Machine, Warp Knitting Machine, Power Looms, Jacquard Technology and their Accessories.
- Machinery for Web Formation, Bonding and Finishing of Non-wovens and Felting.
- Knitting and Hosiery Machinery, Auxiliary, Machinery and accessories.
- Embroidery and Braiding Machinery and Accessories.
- Garment Making Machinery
- Testing and Measuring equipment



LAB EQUIPMENT

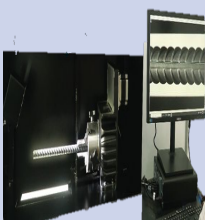
Real-estate, Architecture, Construction, Exterior & Interior



Universal Tensile Testing m/c

Spectrometer

Fatigue Testing m/c



Bend Re-bend Testing m/c

Profilometer

Hardness Testing m/c

World Class Engineering, Procurement & Construction Services

OUR SERVICES

- Concept, Feasibility and Bankable Feasibility Studies.
- Market studies and analysis : diversify existing product ranges and identify opportunities
- Project Management: project planning, erection, commissioning, supervision and handover.
- Operational Improvement and Process Optimization
- Energy Audit and optimization for energy savings
- Health, Safety, Environmental and Sustainability consulting services.
- Detail Engineering: Civil, Mechanical, electrical etc.
- Maintenance Management System

SUPPLY CHAIN & PROCUREMENT SUPPORT

Our Supply & procurement support services are highly flexible and can be customized according to your specific project requirements and to suit your existing project organization. The procurement support services EPCM can provide include:

- Technical concept development and preparation of preliminary specifications
- Supplier prequalification
- Preparation of tender enquiry documents
- Engineering codes and standards
- Detailed tender specifications
- Management of entire tendering process: tender enquiry documents, supplier clarification meetings, receipt of final compliant technical and commercial tenders.
- Comprehensive bid equalization and evaluation
- Preparation of contract documents

Environment, Health and safety engineering and consultancy

Our in-depth technical and operational expertise across a range of industries means that EPCM is uniquely placed to advise on potential health and safety hazards and operational risks at every stage of project execution through to start of operations and help you implement appropriate mitigation strategies.

EPCM can assist with:

- Producing project or operational health and safety plans that are in line with the local laws and regulations.
- Providing health and safety management resources to supplement existing organizations to manage health and safety on site, carry out regular inspections as well as ensuring that high standards of safety are maintained
- Establishing a health and safety induction program.
- Meeting the requirements of the Construction, Design and Management for your projects.

In a nutshell:

- Assistance with preparing health and safety plans
- Review and identification of any areas where may be shortfalls in meeting the regulations
- Site health and safety supervision
- Hazard and Operability (HAZOP) studies.
- Environmental Impact Assessments (ESIA)
- Environmental Due Diligence and Monitoring



OUR OTHER SERVICES

Operational Improvements and Process Development

Improving product quality, finding ways to get more out of equipment and solving productivity issues are just some of the ways that EPCM can help deliver operational improvements to your business.

Our services include:

- Process and performance reviews
- Operational risk assessments
- Operational assistance
- Organizational planning, development and training
- Process Yield
- Energy Audits
- Specific Troubleshooting
- Plant condition surveys and audits.

EPCM can help deliver following operational improvements to your business:

- Design low cost operating process
- Solution of highest productivity and quality
- Reach world-class operating standards
- Provide plan for invest and determine how you can get the best value from the investment
- Develop business into higher value added markets

Industrial Training

- Class room training
- Onsite industrial training



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