



Reliable Consulting Engineers

SF-205, MAATRUHARI FLATS, AKOTA STADIUM ROAD, BESIDE IOC NAGAR, OLD PADRA ROAD, VADODARA - 390020

About Us

It's been pleasure to introduce our professional career as we have been serving since 2002 while having close association with companies such as Saket Projects, Jord Engineers, Petron Engineering, L&T Hydrocarbon, Dodsai Engineering and Construction, ESSAR Construction, Robtstone & ILF Consulting Engineers in India and MENA region.

We have in depth exposure into the field of Energy Solutions, Consultancy (EPC & MEP), Training (Industrial, Technical, Management) and Trading (Bulk materials, Agro-Chemicals). With expertise and technological capabilities, we have formed Reliable Consulting Engineers (RCE) which has a dedicated talent pool with core engineering skills, thus serving as an integrated service model to manage complex projects worldwide.

Our Services

Reliable Consulting Engineers (RCE) is an integrated engineering consultant providing complete solutions into the following sectors:

- Energy Solutions
- Consultancy Services:
 - Engineering
 - Fabrication
 - Field Services
 - Project Management
- Training & Certification
 - Industrial Skill Development
 - Technical Skill Development
 - Management Skill Development
- Trading
 - Bulk Materials
 - Agro-chemicals

Contact us

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Energy Solutions



We are conducting Plant Audits of following types:

- Independent Audit of existing plants
- Real time performance assessment
- Setting up plant performance data management and diagnosis, reporting systems
- Online monitoring and reporting across multiple locations

We offer the following DSM services:

- Energy Benchmarking
- Retro-Commissioning
- Facility Energy Modeling
- Industrial Energy Audit
- Measurement and Verification
- LEED EBOM Certification
- Energy System Commissioning

We provide solutions in following areas also:

- Solar Energy
- Green building
- Waste to energy



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Consultancy Services



Engineering

Our services include but not limited to:

- Drafting, Modeling
- Process Engineering
- Structural Engineering
- Applications Engineering
- Structural Calculations
- Electrical, Instrumentation and Controls Engineering
- Pre-feasibility study
- Design Review
- Technology Selection
- Site Analysis & GFC drawings

Mechanical Electrical and Plumbing Design (MEP)

The MEP Design package includes:

- Site survey reports.
- Feasibility reports.
- Concept design reports.
- Concept design drawings (AutoCAD).
- Detailed design drawings (AutoCAD).
- Project specifications.
- Detailed BOQs.
- Budgetary Cost Estimation.
- Vendor Offers Evaluations / Technical Queries
- Site Supervision for Installation, Testing & Commissioning

Mechanical Services

We provide complete Heating, Ventilation and Air Conditioning (HVAC) design consultancy in VRV system, HVAC system, Centralized system, Duct & Duct able system etc.

Electrical Services:

We provide complete Electrical design consultancy of interior and exterior lighting system, high voltage indoor and outdoor substations, power generating station, public address, CCTV, Fire alarm, access control lightning protection system etc.



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Plumbing Services:

We provide complete Plumbing, Firefighting design consultancy for Firefighting system, fire protection & detection system, safety solution, plumbing, sanitary, sewerage, Water Treatment Plant (WTP), Sewerage Treatment Plant (STP), and drainage system etc.

Digital and Advanced Technologies

Reliable Consulting Engineers is geared to provide integrated engineering consultancy services using high-end digital engineering suites.

Digital Services:

- 3D Modelling
- Asset Digitization
- Engineering IT Services
- 4D Simulation
- BIM
- IIoT

Product Engineering:

- New Machine Development
- Machine Component Development
- Design Validation
- FE Analysis

Fabrication & Field Services

We provide comprehensive turn-key general contracting services from a single prefabricated piping spool order to a modular equipment skid.

Our services include but not limited to:

- Construction Management
- O&M Support
- Light & Heavy Civil Structural
- Pipe Supports & Foundations
- Sumps
- Demolition
- Pipeline/piping Maintenance, Repair and Facility Construction
- Fabrication of Pipeline Components
- Process Skid & piping Fabrication & Installation

Heat Exchanger Services

We provide the initial construction and installation of the exchanger itself; moreover, we are also able to repair and retube as needed. Our goal is to provide you with industry leading service and solutions in the following areas:

- Exchanger Re-Tube and Repair
- Transfer Line Exchangers (TLX)
- Fin Fans, Condensers & Chillers
- Ferrule Installation
- Bundle Extracting
- Bolt Torqueing & Stud Tensioning



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Project Management

We have a specialized project management team to provide a gamut of project management consultancy services namely, overall planning, coordination, monitoring and controlling a project from start to finish for smooth and timely delivery of the project while sticking to the budget and adhering to the highest standards of quality. Our team also resolves various issues related to design, feasibility, inventory, quality control, safety, delay analysis, risk analysis and coordination between contractors.

Quantity Surveying & Cost management

We offer customized solutions with respect to cost management and quantity surveying services.

- Suggestions for determining cost limits and budgets
- Preparation of detailed Measurement Books (MBs) and Bill of Quantities (BOQ)
- Estimating engineering works
- Measurement / re-measurement of the construction drawings
- Quantity take offs and measurement valuations for EPC invoicing
- Knowledge in technical specifications and interpretation of drawings taking-off civil/structural related quantities, rate analysis, Preparing comparative statements
- Preparation of Variation work & Cost analysis

Contract and Tendering

We also prepare a contract or agreement which is a set of obligations that falls under the jurisdictions of the civil law tradition. Contract laws refer to the rights and duties that arise from agreements. However, tender preparation is a time-consuming process and hence, you need to weigh the pros and cons carefully before preparing tenders. Our experts will assist you in this process.

Planning and scheduling

Our services include:

- Developing detailed project schedules
- Revising schedules
- Formulating detailed plans
- Integrating multiple plans into a Master Program Schedule
- Tracking progress
- Projecting Manpower

Quality Control

Process / Method Statement of Construction Material and Workmanship: This includes various procedures such as:

- Checking incoming material
- Handling storage
- Verifying checklist



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Procurement Management Services

- Procurement Assistance
- Quality, Inspection & Equipment management
- Vendor Quality & Vendor Management
- Tender Preparation and Award

Bill Audit/ Verification

We provide end-to-end auditing and verification of bills according to codes and drawings. Other aspects of this service include:

- Preparing and checking of Standard Measurement Book (SMB/ MBs) of engineering parts/ Construction Activities.
- Making and checking Bar Bending Schedule (BBS) as per codes and drawings.
- Control and monitoring Payment application/Bill of quantities, Variations, Back charges, etc

Training & Certification



We welcome enquires for training and certification into following categories:

- Industrial Skill Development
- Technical Skill Development
- Management Skill Development



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Trading



We provide sourcing assistance for following material categories:

- Bulk Materials
- Agro-chemicals

