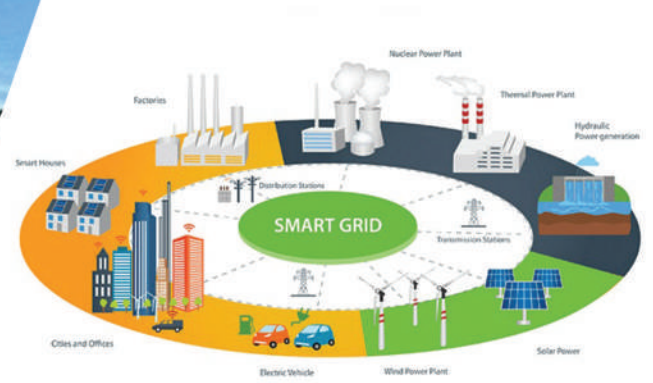




# RAYGAS ENGINEERING INDIA PRIVATE LIMITED

ENGINEERING FOR BETTER TOMORROW & GREEN ENVIRONMENT



## ABOUT US

RAYGAS Engineering India (P) Ltd. Offers Engineering Design Services & Solutions To Clients Across The Power Plant, Cement Plant, Mining, Bulk Material Handling Machinery, Mineral Processing Plant & Process Industries (Piping), Solar PV, Air Pollution Control, Green Hydrogen Solutions Across The Market. RAYGAS Endeavour To Provide Best In Class Engineering Solutions To Its Clients. Our Team Of Experienced And Expert Professionals Understand The Intricacies In Design And Deliver Quality Outputs Within The Stipulated Time Frame. RAYGAS Fosters On Building Long Term Relationships With Clients Through Our Commitment To Quality And On-Time Delivery. Our Strengths & Skills In Core Engineering Design And Project Management Allow Us To Deliver Best In Class Solutions That Meets Client Expectations. RAYGAS Strategy Is To Align With Client Expectation On Project Success And Derive Success. Our Team Is Well Equipped To Deliver Customised Solution On A Project-By-Project Basis. RAYGAS Embraces Culture Of Teamwork And Offer Comprehensive And Quality Focused Engineering Design Services

# SERVICE & SOLUTION

## 1 Mechanical / Piping Engineering

- » Engineering of Wet & Dry FGD, ESP, Bag Filter
- » Carbon Capture, etc
- » Auxiliary of Steam Turbine
- » Pump Design
- » Pipe Stress Analysis
- » Finite Element Analysis (FEA)
- » Process Plant / Equipment Layouts
- » Pipe and Pumping System Analysis
- » Detail Mechanical and Piping Design
- » (Computational Fluid Dynamics (CFD)
- » 3D Modeling/Rendering/ Virtual Walk-throughs
- » ASME Pressure Part

## 3 Instrumentation And Controls Engineering

- » HMI Design
- » Loop Diagrams
- » Instrument Specifications
- » Control System Architecture Development

## 5 Project Management

- » Project Scheduling
- » Project Management
- » Project Cost Estimating

## 7 Quality Assurance / Quality Control

- » Quality Audits
- » Quality Planning
- » Inspection and Test Plans
- » Inspection Program Coordination

## 2 Electrical Engineering

- » Engineering of Wet & Dry FGD, ESP, Bag Filter
- » Load List, SLD
- » Cable & cable Tray Layouts
- » Cable sizing, Transformer Sizing
- » Electrical Buildings Design
- » Low and Medium Voltage Power Distribution

## 4 Civil / Structural Engineering

- » Design & Estimation of Civil & Steel Structures
- » Static & Dynamic analysis of Steel Structure
- » Constructability Reviews
- » Equipment and Building Foundations
- » Existing Structure Analysis and Review
- » Structural Steel Detailing and Shop Drawings Complete
- » Concrete Above & Below-Ground Design Services

## 6 Procurement And Contract Services

- » Expediting
- » Tender Evaluation
- » Project Tendering Documentation
- » Construction Contract Preparation
- » Equipment Specification and Procurement

## 8 Knowledge Of Software

- » Auto-CAD
- » Tekla Structure
- » CEASER Analysis
- » CFD Analysis
- » Staad-Pro Analysis

## OUR MISSION

**Our mission is to build our reputation for integrity, excellence, and leadership as one of the finest Engineering & Project Management Organization by:**

- Continuously improving the standards and quality of our services
- Constantly striving to exceed each client's expectations
- Maintaining our dedication to the highest moral principles and
- Providing a challenging and secure environment for our people.



# SECTORS



**POWER PLANT**

**POWER TRANSMISSION AND DISTRIBUTION**



**STEEL PLANT**

**CEMENT INDUSTRY**



**MINING & BULK MATERIAL HANDLING**

**PIPING ENGINEERING DESIGN & ANALYSIS**



**WASTE TO ENERGY PLANT**

**SOLAR PV PLANT**



**GREEN HYDROGEN PLANT**

**TECHNICAL MANPOWER SUPPORT**



## OUR VISSION

Our company vision revolves around being regarded by all of our stakeholders as being honourable and conscientious

## WHY RAYGAS

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- Concentrated know-how from experienced and skilled professional.
- Reliable solutions based on decades of practical experience.
- Ideal one point Control centre for complete project.
- Highly qualified team at client's disposal.
- Cost optimisation.
- Confidentiality & secrecy of Client's data.
- Innovative engineering solutions with value-added expertise.
- Flexible, Client-conscious approach.
- Quality-certified systems and standards.
- Commitment to cost and time schedules.

## CONTACT



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