



Service Catalogue



A1 ENGINEERING SERVICES

First in Quality, Best in Service

Increased competition requires shorter project lead times and a reduction in cost structures. Riskier business environments require better risk mitigation strategies.

Proper Execution and Quality Management has become essential to ensure that project outcomes address those factors that may impact a project's execution without delays and problems. A1ES uses these techniques to improve each client's position in the marketplace and to implement its total value proposition: Partnerships with clients, the creation of project-specific teams and integration of all potential project factors.

Team of highly experienced technicians and Engineers carry out the site execution activities in a well effective and qualitative way. We integrate the activities at an early stage to provide schedule and cost benefits to our clients.

Backed by our immense knowledge and years of experience in this domain, we are emerging service provider of best grade Erection and Commissioning of Electrical & Instrumentation system packages.

Our experts at A1ES are highly qualified, vast experienced engineers having a rich experience ranging from 10 to 25 years, associated with Design, Engineering, Procurement, Installation & Commissioning of Automation, Instrumentation & Electrical Systems & Packages for mega projects in all the key sectors.

A1ES brings the advantage to succeed by combining Knowledge, Experience and Processes in a unique offering that is built specific to every customer and delivered as per the customer needs through highly efficient Quality Model. Our employees are trained for primarily customer satisfaction and Quality job execution with safety standards.

Features :

- ◆ Authentic
- ◆ Cost-effectiveness
- ◆ Innovative techniques used
- ◆ Rendered by professionals

A1ES is a multicultural, Consultancy maintaining, consistent relationship with its Customers, Employees and Suppliers.

About us

A1 Engineering Services has evolved as a very young firm with competent and highly experienced Engineers in the field of Electrical and Instrumentation Erection, Installation, Testing, Commissioning, Operation and Maintenance for the contracting industry.

A1ES provides Engineering & Services from concept-to-completion execution. We understand that each client and their requirements are unique and we customize our services to provide the best to our clients.

We have a team of highly dedicated and experienced staff, who render this service after analyzing the client's need and with prior the governing bodies. Furthermore, we are offering this service to our esteemed clients at market leading charges without compromise in Quality.

Core Competence :

- ◆ Erection & Installation
- ◆ Testing & Commissioning
- ◆ Operation & Maintenance
- ◆ Quality Management
- ◆ HSE Service
- ◆ Manpower Outsourcing

We have pioneering experience in the field of Instrumentation work i.e. erection, installation, testing, calibration, Loop checking and commissioning of the entire system including supply of primary sensor, field transmitter, controller, Indicator, erection hardware, ducts, trays, cables etc. for carrying out complete control and instrumentation Job as per specification conform to ISO : 9002 & IS 14002.

This expertise is evidenced by many successful installations in the process industries.



Our credentials

User Industries :

- ◆ Boilers and Pressure Vessels
- ◆ Chemicals and Fertilizers
- ◆ Foundries

- ◆ Leather Industries
- ◆ Iron and Steel
- ◆ Mining and Construction
- ◆ Oil exploration and production
- ◆ Pharmaceuticals and Food Products

- ◆ Power Generation – conventional and nuclear
- ◆ Rail and Road Transport
- ◆ Petrochemicals & Refineries
- ◆ Shipbuilding
- ◆ Sugar, Tea and Paper

Instrumentation Services :

- ◆ Design, Procurement & supply of Electrical & Instrumentations system
- ◆ Selection Of Instruments For Measurement & Control of Temperature, Level, Flow, Pressure, pH
- ◆ Conductivity, Concentration, Humidity, Speed etc
- ◆ Procurement of Instruments
- ◆ Calibration of Instruments
- ◆ Installation / Erection & Commissioning Of Instrumentation System
- ◆ Annual Maintenance contracts
- ◆ Supply, Installation & Commissioning Of Sophisticated Automation Systems Like PLC, SCADA & DCS

Industrial Instruments and Accessories :

- ◆ Air filter Regulators
- ◆ Solenoid Valves
- ◆ Level Indicators
- ◆ Side Mounted, Top Mounted,
- ◆ Capacitance type, Ultrasonic Type
- ◆ Radar LT
- ◆ Pressure Gauges
- ◆ Bourden Type, Diaphragm Type
- ◆ Control Valves , ON-OFF Valves
- ◆ Process control Instruments
- ◆ Indicators, PID Controllers
- ◆ I to P Converters
- ◆ Thermowells
- ◆ RTD – Pt 100
- ◆ Thermocouples – J, K, R, S TYPE
- ◆ Thermowells
- ◆ Cable trays
- ◆ G. I. / Aluminum / FRP Perforated



- ◆ Control Valves
- ◆ Recorders
- ◆ Temperature Scanners
- ◆ Flameproof Instruments
- ◆ Pressure / Diff Pressure / Level Transmitters
- ◆ RTD Thermocouples
- ◆ Rotameters
- ◆ Glass Tube / Magnetic / By Pass Type
- ◆ Electrical & Instrument Cables
- ◆ Flexible, Armoured, Shielded, Cables
- ◆ Circuit Breakers
- ◆ Current Transformers
- ◆ Voltage/Potential Transformers
- ◆ Air cooled and H2 cooled Turbo Generators with auxiliaries
- ◆ Transformers (Power, Distribution, Auto, Step-up, Step down)
- ◆ Protection system and Interlocking concepts
- ◆ GIS, AIS

Electrical Services :

- ◆ Installation / Erection & Commissioning Of Electrical System
- ◆ Erection of Electrical panels and boards
- ◆ Cable tray Installation
- ◆ Security camera (CCTV) installation
- ◆ Solar panel installation and commissioning (Domestic & Industrial)
- ◆ Procurement of Instruments
- ◆ Calibration of Electrical Instruments
- ◆ Annual Maintenance contracts
- ◆ Commissioning support/assistance to various sectors for successful & smooth project closure

We can provide modifications, start-to-finish, fast-track & system jobs, while Supervising of your project – or only those relevant to particular component. A1ES will tailor an innovative, cost-effective solution to meet your specification regardless the size of the job.

We attribute our adaptability to the fact that A1ES can seamlessly conform to become an extension of your company - large or small.



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