



SEAMLESS LIFECYCLE SOLUTIONS

Engineering and Design



A COMPLETE ONE STOP SHOP

- Pre-Feeds
- Feeds
- P&ID Development
- PFD Development
- Field work, detailed design and implementation
- Procurement
- Demolition
- Construction

Our experienced staff of multi-disciplined engineers, designers and drafters are accustomed to operating cohesively between our mechanical, civil, structural, electrical, instrumentation, process, and control system disciplines to maximize our ability to respond to customers' needs and requests.

Civil / Structural Engineering, Design & Drafting

3D Scanning, 3D Modeling, Model Reviews, Infrastructure Rehabilitation for Drainage systems, Site preparations, Foundation Design, surveying, structural steel, Equipment and Miscellaneous Supports, buildings, roads and pipe bridges, structural analysis, bulkheading, installation, etc.

Mechanical Engineering, Piping Design & Drafting

3D Scanning 3D Modeling, Model Reviews, 2D Isometrics, Maintain site-wide inspection ISO's, Pressure Vessels, Columns, Storage Tanks, Compressors, Pumps, Flow Hydraulics, Code/ Compliance surveys, installation, etc.

Instrument Engineering, Design & Drafting

Scope development, Instrumentation systems, instrument specifications, Enlarged Plans, Wiring Diagrams, P&ID Updates, Details, InTools, Analyzers, Fiber-Optics, junction boxes, marshalling cabinets, DCS/SIS/PLC, Loop Checks, startups, etc.

Electrical Engineering, Design & Drafting

HV_MV_LV Power Distribution Systems, Power System Modeling, Power Systems Analysis, Load Studies, Arc Flash, System Coordination, Technical Specifications, GIS/AIS Switchgear, Outdoor Substation Equipment, Transmission and Distribution Pole-line design, metering systems, motor starters, motor controllers, lighting, grounding, generator & emergency power systems, SCADA Design, PLC systems, checkout, startup, etc.