

Providing engineering and project management expertise  
to the Canadian and International energy industries.



RESPONSIVE FLEXIBLE ADAPTIVE



# INTRODUCTION

Based in Calgary, Canada, Acero Engineering Inc. provides engineering, project management, procurement and construction management services to the Canadian and International energy industries.

Acero specializes in being responsive, flexible and adaptive to client needs by providing the experience, capabilities and people to ensure project success.

Acero serves clients around the globe, from the Yamal Region of Northern Russia, to the Nile Delta of Egypt and from our native Western Canada to the Tea Gardens of North East India. The Company has successfully executed and participated in projects worldwide.



With an adaptive and flexible approach to project execution, Acero is experienced enough to handle the most complex assignments while maintaining the ability to tailor our execution style to fit the smallest of activities.

Acero's expertise includes process equipment design (heavy oil focus), process optimization & debottlenecking, water treatment, well site tie-ins and gathering lines, gas processing including condensate and water removal, amine treating, sulfur recovery, dehydration, flaring, NGL recovery, fractionation and off sites including large bore pipelines and compressor and metering stations. Our services range from green field facility design to debottleneck and plant expansions.

Our aim is to enhance the development of our clients' assets by providing value-added services as characterized by Acero's commitment to being responsive, efficient, cost-effective and on time. We supply design teams and specialists that are specifically dedicated to the client from start to finish, ensuring we meet or exceed our clients' objectives.

# SERVICES

## FEASIBILITY AND ECONOMIC STUDIES

- Facilities and system optimizations
- Capital Cost estimating
- Process evaluations and selection

## PROJECT MANAGEMENT

- Execution planning and procedures
- Budgeting and cost control
- Planning and scheduling
- Contract administration
- Quality assurance
- Project execution

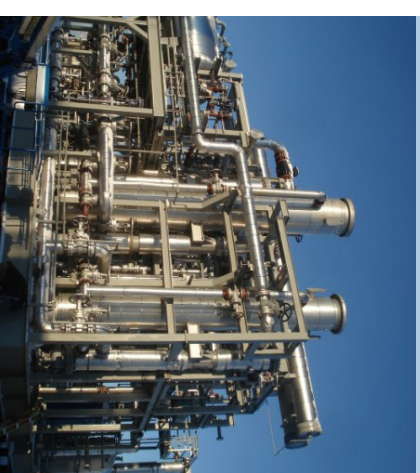


## ENGINEERING AND DESIGN

- Conceptual design
- Preliminary engineering & FEED packages
- Process engineering design
- Process guarantees
- Detailed engineering
- Design basis documentation
- Civil / Structural Design
- Stress Analysis
- Process, Mechanical and Piping design
- Electrical and Instrumentation design
- SCADA/PLC/DCS design and programming
- HAZOP and HSE Studies
- Material and equipment specifications
- Engineering and design quality control

## PROCUREMENT

- Technical and commercial specifications
- Bid solicitation and evaluation
- Purchase order and contract development
- Expediting and material control
- Logistics
- Vendor surveillance and inspection



## CONSTRUCTION

- Construction planning and scheduling
- Contractor bid, award and management
- Field supervision, engineering and inspection
- Contract administration and change control
- Quality assurance and quality control
- Pre-commissioning and commissioning

## OPERATIONS SUPPORT

- Start-up assistance
- Operator training
- Operation and Maintenance Manuals
- Engineering support for Operations
- Contract Operations and Maintenance



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