

Best-in-Class Capital Projects

ABT uses Bechtel's world-class design tools and work processes, allowing for real time collaboration between ABT and Bechtel's offices around the globe. ABT will therefore maintain its core competencies in key engineering, procurement and construction disciplines with additional support from the Bechtel worldwide network to provide specialized expertise on an as-needed basis.

In this way, cost effective EPC services will be provided to customers in the Caribbean while ensuring that cost, schedule and quality commitments for capital projects are met.



Why **ABT**

for more company details
www.abt.tt

Uncompromising Commitment to Safety

Zealous dedication to safety in design, construction and operation is the hallmark of ABT. Both partners (Bechtel & ARE) have demonstrated a commitment to safety with their Risk Management programs and performance on diverse projects. Further, Bechtel has been a global leader in the area of safety with its Zero Accident Philosophy and Behavior Based Safety programs.

High Performance Team Execution

Teamwork and innovation are requirements for achieving success in this competitive global economy. ABT has the backing of ARE, with its champion team based approach to plant operations, based on strong behavioral competencies. This strong human resource focus supports the company's vision and allows ABT to meet its objective of finding the optimal EPC solutions for its clients.

Services

Recognizing that this country's talent pool in the energy sector is globally respected, ABT prides itself on providing Trinidad and Tobago's Energy Sector with local project capabilities, which until now has only been available from international companies.

For customers in Trinidad and Tobago and the Caribbean region, ABT offers several advantages few local or regional companies can match.

ABT offers premier Engineering, Procurement, Construction and Project Management (EPCM) services for all sizes of capital projects. We also possess special expertise in energy based and petrochemical plants.



for more service details
www.abt.tt

Services

Engineering

ABT provides a wide range of engineering expertise with highly qualified and experienced engineers and designers in the following areas:

- Process & Process Systems
- Mechanical
- Plant Design and Piping
- Civil/Structural/Architectural
- Control Systems and Instrumentation
- Electrical

In addition to these in-house capabilities, ABT also has the option of providing specialized services by accessing resources from our parent companies the Asset & Risk Engineering Group (ARE) and Bechtel International.

Procurement

ABT Procurement Department has the capability to provide purchasing, expediting, supplier quality, traffic & logistics and contract services to our customers. ABT is able to utilize Bechtel's worldwide network of expediting and supplier quality resources and state of the art communication and procurement technology and techniques to ensure efficient and timely services to our customers.

Our highly trained professionals are committed to provide quantifiable cost savings to our clients.



Services

Construction

ABT performs construction and construction management services in order to offer turnkey solutions for our customers. ABT continues the strong construction heritage acquired through Bechtel's involvement with the Atlantic Trains 1-4 and the Petrotrin Gasoline Optimisation Programme (GOP).

ABT's construction professionals begin a project in the design office developing the construction plan and providing constructability input to the engineering effort, then move to the jobsite to execute the construction work. Having construction capability offers ABT the opportunity to give our design engineers and other professionals field experience to enhance their overall development.

Project Management

ABT has a group of highly qualified and experienced project managers, project engineers and project controls engineers that are fully trained and equipped to effectively manage and monitor the progress of various types of projects.

The ABT project manager leads the project team in planning, organizing, integrating, aligning, measuring and controlling the ABT functions, services and other resources needed to successfully execute project assignments that fulfill contractual commitments and meet or exceed customer expectations.

Projects

ABT has demonstrated its ability to work on a diverse and complex range of engineering areas, including:

- Capital Projects
- Maintenance and reliability improvements
- Technical consulting

This company is fully aware of the growing sophistication and needs of the clientele in Trinidad and Tobago and has brought to the fore its world-class services, raising the bar for local energy services firms to international standards.

Our work has been recognized by our clients as being consistent and best-in-class. We have also enjoyed long-standing relationships with our clients.

ABT also invests in the future and its attention to modern electronic document management systems and data storage allows for efficient retrieval and storage of critical client data.



Projects

for more project details
www.abt.tt

Petrotrin

Gasoline Optimization Programme (GOP)

The Trinidad and Tobago state-owned oil company Petrotrin, is performing an upgrade at its Pointe-a-Pierre refinery. The primary objective of this project is to produce higher-grade international specification gasoline for export.

ABT, with its deep understanding of the local oil and gas industry, undertook the Offsites & Utilities scope of works, which includes engineering and procurement of the following:

- Water Treatment Plant
- Steam Boilers with auxiliaries
- Cooling Water Tower
- Substations and Electrical Infrastructure
- Storage Tanks with pumps
- Oil/ Water separator
- Subsea Loading Line

- Interconnecting pipe and pipe racks
- Flare Design and Modeling
- Cross country pipeline

Being part of this project fell directly in line with ABT's commitment to the environment. Successful completion of the GOP means the production of cleaner and more environmentally friendly transportation fuels to regional and international markets.

ABT's work on the project helped to ensure the growth and sustainability of the nation's economy as the GOP will maximise the productivity of the nationally-owned energy enterprise and place Petrotrin as one of the key suppliers of quality, environmentally-friendly gasoline in the region.

Projects

for more project details
www.abt.tt

Atlantic LNG

ABT has a long-standing relationship with the locally based liquified natural gas company Atlantic that began in July 2003 on the Train 4 project.

Following Train 4, ABT has performed varying scopes of work, ranging from conceptual technical studies to procurement and commissioning support.

Also of note is ABT's participation in 2005 in the engineering for the Reliability Phase of the Multi-Train De-bottlenecking Project. ABT, through its Bechtel offices, provided the downstream support for this project to debottleneck all trains on the Atlantic facility, thereby improving plant production and overall performance.

Successful projects include:

- Design and installation of Pressure Vessels such as Filter Coalescers
- Pressure Relief System Design and Evaluation
- Equipment sizing, including pumps, compressors and tanks
- New Regen Gas Heater
- New NGL Pumps
- Firewater Ring Main evaluation and upgrade
- Complex Fibre Backbone expansion
- Upgrade of piperacks
- New Chemical Storage Facility

ABT has been the major provider of engineering design support and this client has been satisfied with the excellent work provided. Through the company's continued focus on upholding to its core values, ABT has successfully been able to provide resources locally that are fully integrated with Atlantic's operations.

Projects

for more project details
www.abt.tt

CariSal Calcium Chloride Project

The CariSal Calcium Chloride Project is a green field chemical facility to be constructed at Point Lisas, Trinidad. The facility is comprised of a Chlor-Alkali facility integrated with a Calcium Chloride manufacturing facility.

ABT conducted site visits to CariSal's Michigan plant to assist in assessment of the existing equipment and completing equipment layout for the Trinidad Facility. ABT took this project from conceptual design and provided all the Front End Engineering & Design (FEED) services and deliverables.

Phoenix Park Gas Processors Limited Emergency Isolation Valves Project

ABT provided engineering and procurement services to Phoenix Park Gas Processors Limited to upgrade the safety of their gas processing plant at Point Lisas Trinidad by adding Emergency Isolation Valves and fire protection systems.