



TEiC

A BABCOCK POWER INC. SUBSIDIARY

PROJECT SERVICES

What Makes a Good Project Successful?
The Right Culture, Team and Tools

WE TAKE A LONG TERM VIEW OF THE BUSINESS.

Our goal is to be a premier construction company for a long time to come. That goal is challenged by a changing market. What worked yesterday isn't enough today. Our customers need their service providers to bring more value than just a low price. To succeed in tomorrow's world we need to be a partner for our customers in finding better ways to execute projects. And working every day to do exactly that.

Ted Grunenwald
President,
TEiC Construction Services, Inc.

PROVEN SAFETY RECORD

TEiC has a proven track record of safety, on-time completion, and customer satisfaction. With our high standards of quality and safety, you can count on TEiC to meet all your requirements of new or existing installations.

THE INCIDENT FREE WORK MODEL
IS BASED ON 3 STEPS



PREVENTION

- Job Hazard Analysis (JHA)
- Safety Task Analysis (STA)
- JHA Audit & Trending
- Site Specific Safety Plan

DETECTION

- Observation Trending Analysis
- Management Audits
- Weekly Review Calls
- Near Miss Reporting

CORRECTION

- Root Cause Analysis
- Safety Steering Committee
- Lessons Learned Database
- Safety Perception Survey

PEOPLE

Our most important asset is our people. With over 80 years of experience in planning and executing utility and industrial projects, TEiC Project Services has a proven record of successful project execution while exceeding the goals of our customers. This is a direct result of employing and keeping the most qualified people in the industry.

From initial estimate through commissioning and project close-out, our people are focused on keeping our employees safe while delivering projects on time, within budget and according to specification.

FOCUS

TEiC Project Services is a merit shop contractor that is focused on industrial construction projects. Detailed planning, monitoring, reporting, integrated scheduling, and active risk management are critical requirements for executing capital projects. Many of these projects are performed turnkey, often requiring procurement of specialized equipment and materials, integration with plant systems, as well as start-up and commissioning support.

A successful project is always our goal. The importance of teamwork and dedication with open communication is key. We want a relationship with mutual trust and well defined and focused common goals. We bring our diverse experience and depth of talent to ensure our common goal — a successful project.





PROJECT MANAGEMENT

Successful project execution does not happen by chance, but results from careful planning, implementation, and control. TEiC Project Services develops comprehensive project specific plans that ensure consistent execution:

- Project Management Plan (PMP) – The PMP is a living document that details how the project is executed, monitored and controlled. It also facilitates communication among project stakeholders.
- Health, Safety & Environmental (HSE) Manual - The foundation of everything we do is safety! Safety is a core value and we are constantly working to drive out at-risk behavior from our projects. There is no task too important to not do it safely.
- Quality Assurance / Quality Control (QAQC) Manual – TEiC believes in doing it right the first time and keeping systems clean during construction to provide for efficient startup and commissioning.
- Procurement and Subcontracting Plan – Details how materials and services are sourced, inspected, expedited, and delivered.
- Risk Identification and Mitigation Plan – The key to risk mitigation is identifying a risk early enough to take corrective action.



PROJECT CONTROLS

Provide timely information to predict, understand and positively impact project schedule and cost while effectively communicating information for efficient project management.

- Defined Work Breakdown Schedule (WBS) – The heart of effective project management whereby the scope of work is broken down into a pyramid of deliverables and tasks.
- Cost Tracking & Forecasting (Cost Point) – Combines project budgets, actual costs, commitments, and production rates to develop an accurate forecast cost at completion.
- Detailed Level 3 Resource Loaded Schedule (P6) – Includes milestones and activities for engineering, procurement, construction, testing, commissioning and startup over the project lifecycle.
- Quantity Based Field Progress System (FPS) – Actual installed quantities and craft hours are tracked and compared to the project plan on a weekly basis.



FIELD ENGINEERING SYSTEMS

Provide for tracking and addressing technical issues during construction as well as supporting the construction supervision and craft to ensure that materials and equipment are available for installation in support of the project schedule.

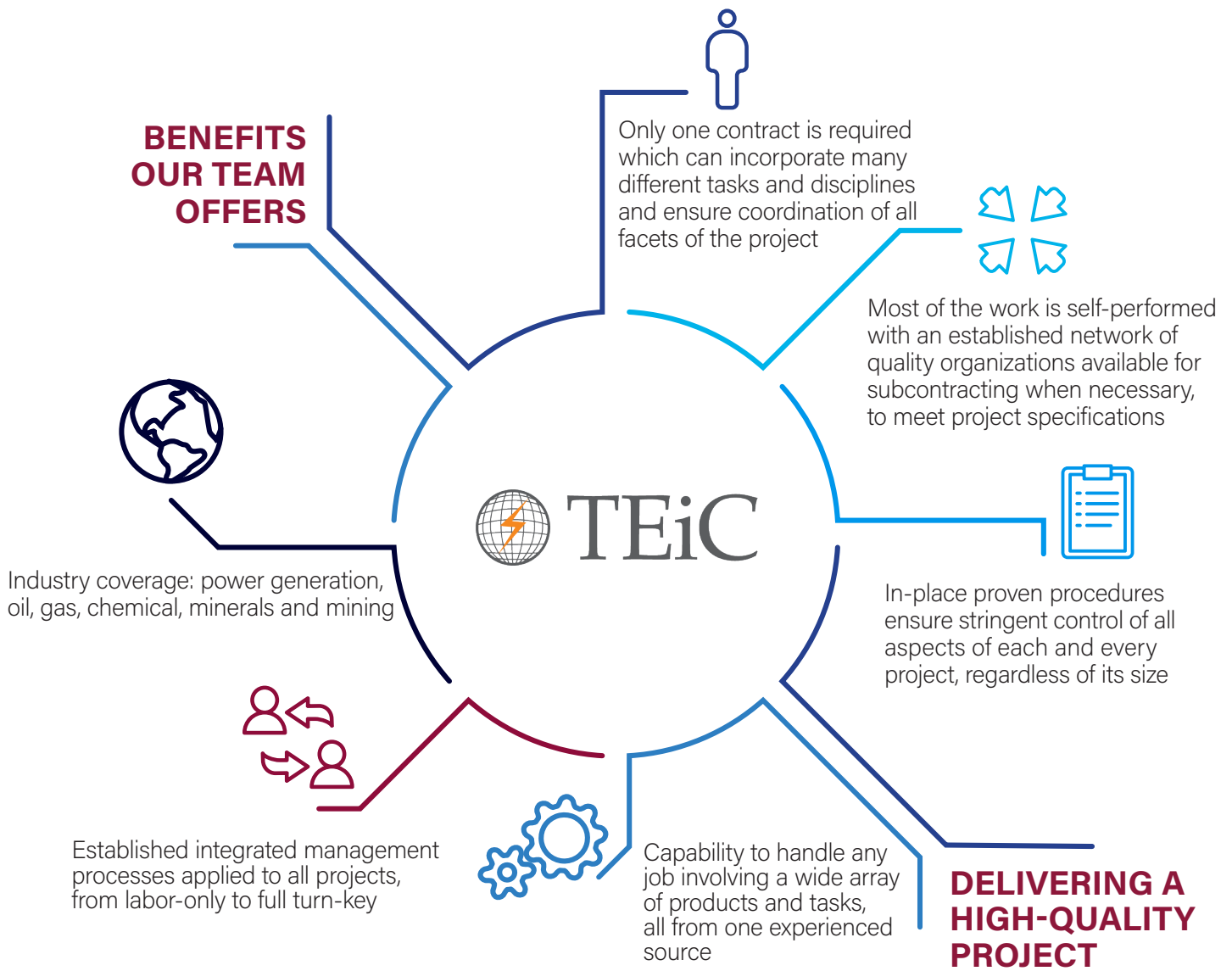
- Division of Responsibility (DOR) for Project Stakeholders – Delineates the responsibilities of each project stakeholder.
- Proprietary Deviation Management System (DMS) – Utilized to track and manage Requests for Information (RFI), defects, and change.
- Proprietary Document Control Automatic Processing System (DCAP) – Ensures only the latest revision of drawings and specifications are utilized for construction and manages the transfer of information to and from suppliers and subcontractors.
- Material Control – Storage, receiving, and distribution of materials and equipment in support of the project schedule.
- System Turnover – Systematic transfer of construction records to support startup and commissioning.

PLAN THE WORK AND WORK THE PLAN.

We take the time to make sure we're doing the work according to our plan. Our personnel are trained in process adherence and verification.

PROCESS DISCIPLINE





VALUES, BELIEFS & BEHAVIORS

TEAMWORK

- We are on the same team.
- Great teammates are accountable for their own work.
- Project execution drives the company and our people drive project execution. Therefore, our people drive the company.
- This is a people business. Relationships matter.

INTEGRITY

- We will always do our best to help a customer or fellow employee.
- In all cases, do the right thing.
- We will not accept or pursue work that requires us to compromise our integrity.

PERFORMANCE

- If it can't be done safely, we don't do it.
- Performance refers to all aspects of a project: safety, quality, schedule, budget and customer satisfaction.
- Excellence in project execution is the number one differentiator for TEiC.
- We do the projects that others can't.

SERVICES & CAPABILITIES

- Construction Management
- Procurement
- Subcontracting
- Package boiler installation
- Coal / Oil Boiler Gas Conversion / Augmentation
- HRSG erection
- Air Quality Control Systems
- WTE and Bio-Power
- Bottom Ash Conversions
- Steam, Gas and Process Piping
- Steel erection
- Equipment installation
- Tanks, Silos and Stacks



ONE SOURCE. MANY SOLUTIONS.
as part of the Babcock Power family of companies

HRSG	SERVICES	ENVIRONMENTAL	HEAT TRANSFER EQUIPMENT
<ul style="list-style-type: none"> ▪ Heat Recovery Steam Generators ▪ Simple Cycle Exhaust Systems ▪ Engineering & Aftermarket Services ▪ Parts ▪ Inspections ▪ Engineering Studies ▪ Turnkey Retrofits 	<ul style="list-style-type: none"> ▪ Low NOx Burners & Upgrades ▪ Pulverizers, Atrita, MPS & Ball Tube Mills ▪ WTE Boilers & Upgrades ▪ Solar Steam Generators ▪ New Utility Steam Generators ▪ Boiler Condition Assessments ▪ New Utility Steam Generators ▪ Spare Parts + Tube Stocking ▪ Field Engineering ▪ Replacement Pressure Parts ▪ Open Shop Construction ▪ Weld Overlay ▪ Repair & Emergency Services 	<ul style="list-style-type: none"> ▪ Selective Catalytic Reduction (SCR) ▪ Regenerative SCR Systems ▪ Flue Gas Desulfurization (Wet & Dry FGD) ▪ Mercury Control Systems & Management ▪ System Up-rate for SCR and Scrubbers ▪ Activated Lignite HOK® ▪ Multi Pollutant Control Systems ▪ Particulate Removal Systems ▪ Geomembrane Liner Installation ▪ Geotextile Tubes 	<ul style="list-style-type: none"> ▪ Condensers ▪ Feedwater Heaters ▪ Moisture Separator Reheaters ▪ Industrial Heat Exchangers ▪ Waste Heat Boilers ▪ Solar Heat Exchangers ▪ Fired Process Heaters ▪ Thermal Fluid Systems
<p>Vogt Power International</p>	<p>Babcock Power Services BTA TEiC Construction Services TEiC Heat Exchanger Services Riley Power</p>	<p>Babcock Power Environmental Riley Power GSI Geo-Synthetic Systems</p>	<p>Thermal Engineering Intl. (USA) Inc. Struthers Wells</p>



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