



Boge & Boge (1980) Ltd.

Consulting Engineers



Diaser Management (2006 Ltd.

General Contractors



Central Canadian Structures

Pre-Engineered Buildings

About Us

Boge and Boge (1980) Ltd. is a full service, multidiscipline engineering firm focusing on the industrial, institutional and commercial sectors. Its sister companies, Diaser Management (2006) Ltd. which provides construction services, construction management, project management and procurement services for agricultural, mining, maintenance, institutional and commercial projects and Central Canadian Structures offering project management, general contracting and design building mainly pre-engineered steel buildings.

Through this unique ability to provide engineering and construction, either in unison or individually, Boge, Diaser and CCS have developed a truly unique offering that provides a level of quality, management excellence and speed to completion that is uncommon within the industry.

Boge, Diaser and CCS are recognized for their ability to solve difficult problems creatively. The experience gained from applying traditional methodology combined with innovative and new technology provides Boge, Diaser with a comprehensive resource for developing effective engineering and construction solutions. Boge has demonstrated a commitment to become knowledgeable about and invest in evolving technologies. The firm's ability to listen to client's needs and to meet them within a prescribed budget and schedule, has secured a portfolio of long term clients.

Together, Boge and Diaser are characterized by people who provide thorough and professional service to their clients. The firm and its predecessors have completed design, construction and commissioning on thousands of projects throughout Canada and internationally.

Boge and Diaser's commitment to excellence provides confidence to its clients and the project owner that their interests are well looked after.



History

Boge & Boge (1980) Ltd. was founded on February 2, 1976 in Winnipeg, Manitoba Canada after requests from the construction and development industry that the principals offer their experience and expertise to the industry as independent consultants. Since 1976 Boge & Boge has broadened its scope of practice as it evolved into a multi-disciplined service provider in a global community.

In 2006, Diaser Management (2006) Ltd. was created to provide Boge & Boge's clients with the ability to complete construction projects in a quicker and easier fashion.

Today, Boge & Diaser provide a full range of engineering, construction, design-build, consulting and project management services.

Since the organization's inception in 1976, Boge and Boge has completed thousands of projects.

- 1976 Boge and Boge was started and offered structural engineering and detailing, working for developers and architects
- 1980 Boge and Boge (1980) Ltd. was incorporated and offered structural engineering and structural steel detailing.
- 1984 Started construction company focusing on commercial and institutional work.
- 1990 Started offering multi-disciplined services including structural, mechanical, building envelope while focusing on industrial work.
- 1990 Sold off construction company started in 1984.
- 2006 Started Diaser Management (2006) Ltd. which focused on industrial design build projects.
- 2006 Started scoping and feasibility studies for industrial applications.
- 2012 Created mining engineering department of Boge and Boge (1980) Ltd, has since been changed to the industrial engineering department.
- 2013 Started EPCM department for industrial clients.
- 2014 Started commercial construction with focus on northern work.



Mission

Our goal is to provide engineering, construction, design-build, and consulting services to our clients by continually growing in our problem solving skills and focusing on the face to face relationships that have made this family run business succeed.

Our work environment fosters excellence in our service to our clients and to each other.

Our guiding principles of integrity and the pursuit of cost-effective, timely and constructible solutions stand as key pillars to our success and that of our clients.

Our mission is to never lose focus of our client's needs and to that end, work continuously to improve our ability to offer timely, constructible and cost-effective solutions for their needs.



Safety

The personal safety, health and well-being of our employees, clients, subcontractors and stakeholders is our most important responsibility. As an engineering, construction and consulting firm, we consider safety to be the core of our business and is of paramount importance in the way we operate and the way we design, manage and construct.

Our safety program involves working together and being leaders in key areas including a strong management commitment, a comprehensive safety program, creating a safe working environment, and training workers in their safety awareness.

We are COR certified and have successfully maintained our certification since inception. We recognize that safety is a matter of diligently managing and planning the activities and work space for all employees.

We believe that good safety performance is a leading indicator of a well-managed and efficient project. Our safety goal is a zero incident frequency rate.



Environment

We recognize that our actions as an engineering, construction and consulting firm have impacts on the natural environment. Both on and off our jobsites, Boge and Diaser are committed to the protection and preservation of the environment.

Taking intentional acts to conserve the environment is key to avoiding negative environmental impacts on Boge and Diaser jobsites. We understand that some negative environmental impacts cannot be avoided and we will work to minimize any such occurrence by adhering to the following:

Meet environmental requirements defined by legislation, regulation, government directives and other environmental standards set forth by the Government of Canada and its various Provinces and Territories.

Exceed environmental requirements where it makes sound business sense.

Strictly adhere to the Boge and Diaser Environmental Policies.

Continuously improve our environmental policies, reporting and performance.

Seek construction solutions that take into account environmental responsibility.



Structural Engineering

Structural Engineering

We have experience in a broad spectrum of structural projects. Our structural engineering experience spans numerous projects in mines, crushing and refining facilities, manufacturing facilities, steel mills, pulp and paper mills and fertilizer plants.

Our experience in light industry includes projects in bottling plants, material handling and warehousing facilities.

As structural consultants, Boge and Boge has developed a sound reputation for creative problem solving in relation to time sensitive schedules.

Our structural engineering experience includes, Analysis, design and inspections, Steel, concrete, masonry and timber, Foundations, Forensic Analysis, Strengthening, New and expanded facilities, Refurbishments, upgrades, Cranes, Ladders, rails and platforms, Design-Build Construction.



Mechanical Engineering

Our mechanical engineering experience includes:

Installing heavy equipment, Installing new and retrofitting existing conveyors, Heat reclaim, Hydraulic systems, Bulk material handling technology for handling ores, coal, potash, salt, grains, malt, wood chips, logs, wood refuse, boiler ash, etc., Air handling systems for industrial ventilation, dust collection and underground mine ventilation, Industrial process pumping and piping including air, gas, slurry, steam and condensate power piping, Plant and Maintenance Engineering Services, Project co-ordination including engineering, procurement and construction contract administration.

We have design experience in various sectors including:

Mining, Smelting and Refining, Industrial, Ammonia works, Pulp and paper, Edible oil processing, Water treatment plants, Grain elevators



Conceptual Design

In the conceptual design stage, Boge reviews the project with the owner and provides a conceptual design that includes sufficient preliminary engineering to demonstrate the general scope of the project. This is typically accompanied with a preliminary capital cost estimate and schedule to enable evaluation of the project prior to a detailed design.

Detailed Design

Boge provides complete detailed design of projects including structural, mechanical, electrical, instrumentation and controls engineering. From project concept through to completion, Boge adheres to safety, scope, budget and schedule requirements for a successful project. Detailed design includes regular meetings with the client to review and confirm the project design.



Industrial Design-Build

The majority of mining projects have a design-build component by the very nature of the rock mass. Most infrastructures that are constructed either underground or in an open pit has a “Field-Fit” component to it. At Boge-Boge, the symbiotic relationship between the engineering group and the construction team works most efficiently as a team with the potential constructor. The owner will have a complete set of As-Built drawings to work from when the job is completed, and the system will be operational as the team ensures constructability, operability and maintainability have been incorporated into the final product.

In many mining projects, significant emphasis has been placed on the Engineering, Procurement and Construction Management (EPCM) style of contracts such that limitations on opportunities to fast-track construction and control the costs may be lost in the very nature of the contracting language.

One key element in the process of design-build is concurrent engineering. In this context, the designers provide enough information to get the contractor building the infrastructure and some of the actual design is provided by the knowledgeable builders. This is in stark contrast to the standard, “stop and change order request”, that is prevalent throughout the industry. In the design-build world, the collaboration between the engineer and the builder leads to a more efficient use of resources and provides the client with a superior product at the end of the project.

Boge engineering and construction on mine sites focuses on industrial aspects including civil, structural, materials handling, mechanical and electrical engineer.



Structural Audits

Boge provides structural audits of facilities by reviewing drawings and conducting site visits with a view to providing cost-effective construction solutions. With our experience and innovation, our designs are prepared with constructability in mind. We prepare condition assessment reports and also provide repairs and estimated costs of repairs for construction, budget and schedule planning.

Safety Audits

Diaser / Boge is COR certified, and also registered with ISNETworld. We conduct safety audits of existing safety programs and provide recommendations for safe work plans, safe work practices, and safety documentation. We also provide assistance in creating safety programs.



Contract Administration

Boge manages all phases of contract administration including review and approval of invoices, site visits to confirm physical progress is commensurate with financial progress, management site instructions, proposed change notices, field work instructions, change orders, action lists, schedule updates, progress reports and document control.

Construction Cost Control

Boge manages all aspects of project cost control from setting up cost accounts at the beginning of a project, controlling all spending activities during construction including labour, material, subcontractors and other costs during a project, and all final costs at project closeout.

Tender Document Preparation

Boge prepares complete tender documentation for projects including engineering drawings, specifications, General Terms and Conditions, and front ends. Boge manages the tender phase of the project including bidders lists, bid meetings, bid evaluations and contract negotiation.

Construction Contract Preparation

Boge prepares contracts for construction projects. This includes a review with all parties of the safety expectations, the scope of work based on the drawings and specifications, the schedule, the cost of the project, and all terms and conditions.

Giving Back

We consider it our responsibility to give back to society.

Our social responsibility initiatives are a great source of pride for Boge and Diaser and our employees. We are passionate about bettering the lives of children and actively sponsor programs and charities, which help children and families in need through the provision of food, shelter, new experiences, kids camps and education pertaining to the Lord Jesus Christ.

We regularly donate to:

Camp Arnes



Square One World Media



Mully Children's Families



Global Family Foundation



Contact Information

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