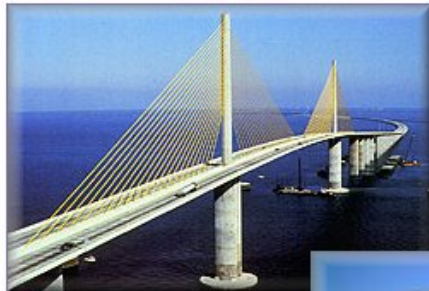


2008



Innovative Design Solutions Statement of Qualifications





The Company

Innovative Design Solutions (IDS) was established in 2008 in conjunction with Memorial University's graduating class of civil engineering. IDS endeavours to become an industry leader in Civil and Structural Engineering Consultation.

IDS provides innovative and sustainable engineering solutions for clients from conceptual design through preparation of construction documents and providing construction support. Built on a solid skill base with extensive experience in project management and execution, IDS is committed to achieving high professional standards as well as exceeding the expectations of our clients.

IDS maintains exceptionally high standards for safety, quality and environmental protection and incorporate these beliefs into all designs. IDS is dedicated to designing, planning and managing the execution of numerous types of technically challenging design projects, on time, and under budget for our clients.

Areas of Expertise

IDS specializes in the following;

- Project Management Services
- Heavy Civil Works and Site Planning
- Municipal/Commercial/Industrial Infrastructure design including; fire water systems, potable water, roadways, sanitary sewer, and storm water systems
- Structural Design
- Pipeline Detailing
- Fast track projects with reduced timescales and costs
- Strategic Planning Processes
- Estimation and Procurement
- Feasibility Studies



INNOVATIVE DESIGN SOLUTIONS – *THE SUSTAINABLE DESIGN SPECIALISTS*

Innovative Design Solutions (IDS) are the best because they employ the best!

Key Employees



Derek Brown, *Project Manager*

With experience in construction and design engineering in the electrical, mechanical and heavy civil disciplines, Mr. Brown has gained extensive experience in project management, planning and implementation. Mr. Brown specializes in drafting specifications, design criteria and developing workplans. He has been involved in many major Industrial projects such as Hibernia GBS, Terra Nova FPSO, Voiseys Bay Nickel Smelter, Canaport LNG Marine Jetty, and the White Rose Project further developing his strong leadership and communication skills. He has held various leadership and technical positions with a multitude of companies, such as interim purchasing manager, material tracking and logistics coordinator, student field engineer, weld inspector and company safety representative.



Cheryl Lane, *Deputy Project Manager*

Cheryl has gained great experience in both areas of Structural Engineering and the dynamic Offshore Oil and Gas industry. She has developed sound technical, project management and organizational skills during her various employments. Ms. Lane has had the opportunity to manage various structural projects and has gained great field experience and practical knowledge. Through six years of engineering studies and work term positions, Cheryl has developed excellent time management, analytical and problem-solving abilities and works with a high degree of self motivation.



Scott Smart, *Lead Design Engineer*

Scott developed a passion for structural engineering at an early age. Construction jobs, such as Advance Con Cut, provided the necessary foundation of skills and knowledge to relate to contractors and excel as a structural engineer. Scott gained exposure to all aspects of municipal infrastructure while employed by the Department of Municipal Affairs. As a member of the Lift Planning Team for Syncrude, Scott completed designs for various projects and acquired a vast knowledge of mobile cranes and safe hoisting practices.



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Andrew Glover, Design/Cost Engineer

Andrew Glover, has plenty of on-site experience with many large industrial projects in the oil and gas industry. He has acquired excellent experience focusing on the installation of some major deep sea platforms like Atlantis or the Independence Hub. Through his various roles in Project Management and Planning, Mr. Glover has gained the necessary abilities to tackle various technically challenging designs with considerable safety and cost considerations.



Bernard Madden, Planning/Quality Engineer

Bernard Madden has a great interest in project planning and the technical aspects of the engineering world, and has developed skills in these areas through invaluable work experience. Bernard has implemented design, quality control, and inventory management techniques during his tenure in the structural steel environment. Mr. Madden's keen abilities in planning and analytical problem solving were enhanced during the sixteen months in the oil and gas industry. Key projects that were completed during this time included the completion of safety-oriented manuals, a prototype for inventory organization, the co-heading of subsea de-watering and de-gassing projects, a mooring chain remediation project, and the material balance of the Jedney reservoir.



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Work Experience

The following companies have benefited from the utilization of the individual skills of Innovative Design Solution's (IDS) associates:

Abitibi Consolidated Inc.

Acan Windows

Advanced Concut Concrete Construction and Cutting

Aker Marine Contractors

Antares Offshore L.L.C. Houston

Canadian Coast Guard

Canadian Process Services Inc.

City of St. John's Engineering Department

Department of Works and Transportation

EnFor Consultants

G. J. Cahill and Company (1979) Ltd.

Hatch Consultants

Kellogg Brown & Root (KBR)

Kiewit Weeks Sandwell (KWS) Limited Partnership

Memorial University of Newfoundland Faculty of Engineering and Applied Science

Metal World

Municipal and Provincial Affairs

North American Construction Group

North Eastern Contractors Ltd. (NECL)

Parsons Group of Companies

Peter Kiewit and Sons Ltd.

Petro Canada St. John's, NL

Subsea 7, Houston, TX

Syncrude

Voiseys Bay Nickel Company



INNOVATIVE DESIGN SOLUTIONS – *THE SUSTAINABLE DESIGN SPECIALISTS*

Contact Information

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