

Canadian

Design & Construction

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VOLUME 6, ISSUE 1, WINTER 2015

Report



SPECIAL SECTIONS:

- **Women in economic development**
- **Insurance and surety**
- **Ontario's top five contractors**
- **Wood construction**
- **Scaffold Industry Association of Canada**
- **Building and Concrete Restoration Association of Ontario**
- **Canada's roofing industry**
- **Exterior Insulation and Finish Systems**

Canadian Design & Construction Report

The Canadian Design and Construction Report is published bi-monthly by Mekomedia Enterprises Inc., a member of the Construction News and Report Group of Companies.

The magazine is distributed to thousands of design and construction industry leaders across Canada. It is also available for review and downloading at the Canadian Design and Construction Report website (www.cadcr.com) or you can sign up for the electronic edition newsletter by emailing buckshon@cadcr.com.

You can receive the online magazine free. If you wish printed copies, you can request a single issue for \$15.99 or an annual subscription for \$90.00, which also provides you a free basic directory listing.

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The Construction Marketing Ideas blog and website

Constructionmarketingideas.com is the first independent website/blog dedicated to news and developments for marketing in the architectural, engineering and construction communities. Updated daily, it provides links to dozens of resources and services related to AEC marketing.

Welcome



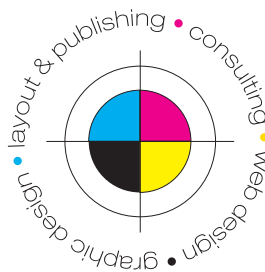
This issue of Canadian Design and Construction Report demonstrates the incredible diversity and opportunity within this nation's architectural, engineering and construction industry. You can see the choices in building materials, in exciting projects in every region, and in the nuts-and-bolts challenges in achieving success; whether it be gender equality, or the mechanics of successfully winning RFP competitions.

The industry's success largely builds on individual, often highly-specialized skills, co-ordinated effectively so that projects can be completed on time and budget, yet with esthetic appeal and sustainable economic value. Most of the time things go well, though there will always be controversy and differing interests.

Please feel free to share your stories, concerns, images, and ideas – we'll continue exploring issues and projects of special relevance to the industry in future issues. You can reach me by email at buckshon@cadcr.com.

Mark Buckshon
Interim Editor
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Canadian **Design & Construction** Winter 2015 Report

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FLOORING FAILURES:

Contractors shouldn't be scapegoats



*By Don Procter
Special to the Canadian Design and Construction Report*

When a floor fails in a new building, virtually every head in the project team turns to the flooring contractor for answers.

Often blamed for problems that can cost 10 times as much to remedy as the original installation price, flooring contractors face bad raps for failures that aren't always their fault. This is according to John McGrath who led a panel at a seminar at Toronto's IDEX Canada (design and architecture expo and conference) recently titled *Flooring Disaster: Prevention and Recovery*.

Flooring contractors can't be scapegoats every time a floor fails, he said.

McGrath – director of INSTALL (International Standards & Training Alliance) – the leading construction industry endorsed floor covering installation and training certification program in North America – told the seminar that due diligence has to start higher up the contractor chain.

The cause of flooring problems is often related to the condition of the substrate. And it can be in poor shape long before the flooring contractor's arrival on site, said panelist

Steve Zizek, flooring instructor, Resilient Floor Workers Training Trust Fund, Carpenters Local 27.

General contractors and other subcontractors must understand that some of their activities can cause substrate problems for flooring installers, ranging from improperly leveled concrete floors to moisture intrusion in the slab. "It is the best insurance policy to protect everyone involved," said McGrath, who regularly conducts seminars on flooring issues for architects, interior designers, building owners and facility managers on behalf of INSTALL.

Flooring contractors are one of the last trades on site – oftentimes facing a tight schedule and a substrate that sometimes is ill-prepared for flooring, said panel speaker Dave Furlano, owner, Centa Tile, a second generation floorcovering company in business for more than 40 years.

"Often we've got issues of oil spillage on floors (typically oil from hydraulic lifts on site) and we're told it is our problem."

Oil stains are nearly impossible to clean and today's flooring contains latex adhesives which won't adhere to petroleum products, Furlano told the seminar audience.

The solution? Sometimes the concrete slab has to be ground down and topped with a self-leveling concrete.

Flooring Products Commonly in Use Today

- Carpet - broadloom & tiles
- Vinyl - sheet, tiles, plank, LVT
- Linoleum - sheet & tiles
- Rubber - sheet & tiles
- Wood - solid & engineered
- Tile & porcelain
- Stone - marble, granite, slate, etc.
- Cork
- Bamboo

John McGrath, director of INSTALL
(International Standards & Training Alliance)

It can be “an added huge cost” that no flooring installer could see coming at the tendering stage, said Zizek.

Furlano said by getting involved early in the pre-construction process, flooring contractors can play an important role in mishap prevention. Hydraulic lifts, for example, can be equipped when operating on the slab with oil catching “diapers” to prevent spillage.

He advised flooring contractors to visit the site occasionally – even if they aren’t scheduled to start the job for months – to review conditions, including floor level and finish.

While moisture in the substrate is a major problem, moisture measurement tests can be performed well in advance of the flooring installer’s arrival. Those tests should be the general contractor’s responsibility, but they are often written into the flooring contractor’s specs, said Zizek.

Furlano said even when his firm performs moisture tests (for relative humidity and calcium chloride, for example), the installation can still be in danger if the vapor retarder is incorrectly used. Moisture can continue to leach up from beneath the slab – particularly on wet or swampy sites.

Zizek said while moisture remains a major culprit for flooring failures, today’s high-quality moisture mitigation products provide improved protection from moisture failure.

In Furlano’s contracting experience, one of the leading causes of flooring failure is maintenance crews that don’t familiarize themselves with the appropriate cleaning products and methods.

Maintenance comes under the product warranty and all leading manufacturers have detailed information on proper maintenance, said McGrath.

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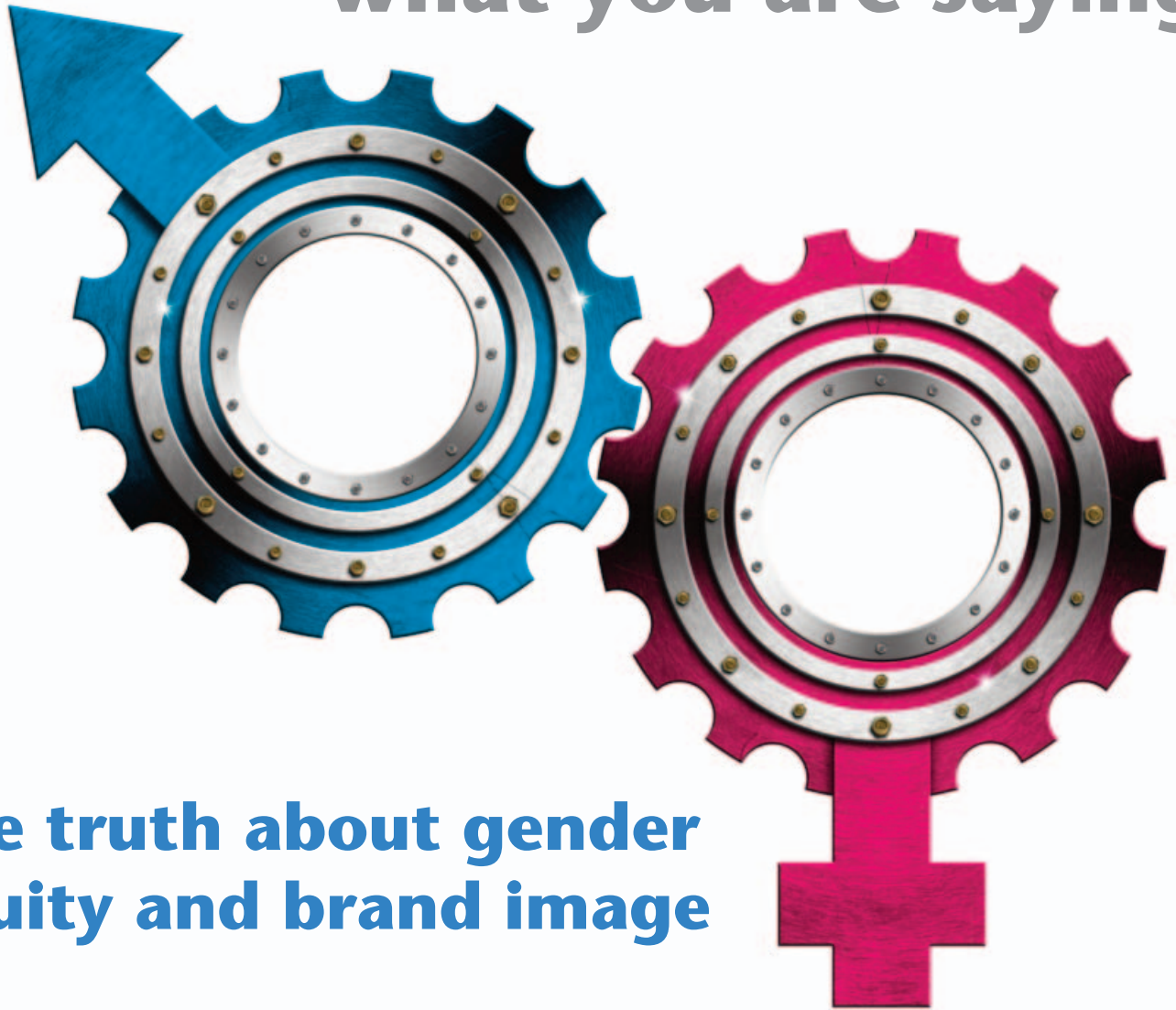
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AUTHENTICITY:

Are you really doing
what you are saying



The truth about gender equity and brand image

*By Sharon Barney
Special to Canadian Design and Construction Report*

If your corporate marketing department says that the company values gender equity, can you honestly agree that those claims are authentic when the top levels of management are 95 per cent male?

A recent study from Stanford Graduate School of Business found that consumers “really want the real thing”: it’s called ‘the value of authenticity.’

The researchers found that ‘authenticity’ is so valued by consumers and the public that perceptions of ‘inauthenticity’ can affect revenues by five to nine per cent.

AIG lost 20 per cent of its shareholder value after the bailout, says Corporate Responsibility Magazine. The public wants truthfulness from its corporations.

Authenticity is where the rubber meets the road: the marketing department can market a brand identity as a company that values gender equity, but the brand’s image can be tarnished by management that does not back up those marketing claims with meaningful action.

A corporation may be voted as one of the top 10 companies to work for, but if the large majority of survey respondents are male, it cannot be assumed that female employees hold the same view.

In fact, studies show that women working in heavily male dominated companies do not believe their employers are authentic in their claim to value gender equity.

A recent study called "Climbing the Technical Ladder" surveyed 1,800 technical employees and found that women are significantly less likely than their male colleagues to view promotions at their companies as fair.

Researchers in the UK and Australia found that younger women in engineering positions in construction become disillusioned with their career choice because of the gender conflicts they experience despite their employers' claim to value gender equity. These women tend to leave the industry early on in their careers at a higher rate than their male colleagues.

In speaking to groups of female engineers, I repeatedly hear about small but significant examples of gender bias that wear away their confidence and job satisfaction.

A female mechanical engineer said that when she worked for a major auto supply company, male customers would often not believe what she told them and would ask to speak to one of the 'guys at the back.'

Another female engineer related an incident when she was in a teleconference and the male client asked to speak to one of her male co-workers because he didn't believe she knew what she was talking about.

Yet, women working in masculine cultures will hide their feelings of dissatisfaction because they fear backlash and being labelled as 'too emotional.' This too is a reflection of a lack of commitment to gender equity in a corporation.

This disillusionment creates a domino effect on employee satisfaction and retention of current employees as well as the ability to recruit new talent.

So what can a construction company do to build an authentic brand image as a place that values gender equity?

Recognize gender bias. Start from the premise that the processes of recruitment, retention and reward are gender biased. It's an ugly truth that very few leaders understand or want to admit.

Take ownership. One of the most important aspects of culture change according to management guru John Kotter is that people need to see their leaders demonstrate the values they are seeking to instill throughout the organization.

Be prepared for push back. Understand that gender equity initiatives require significant culture change in a historically masculine culture like construction.

Demand a return on investment. Gender equity initiatives are not 'feel good' programs. They can and should be measured for their contribution to the bottom line.

Market your progress. Even companies that have difficulties reaching equity targets gain valuable loyalty when they honestly and transparently pursue gender equity.

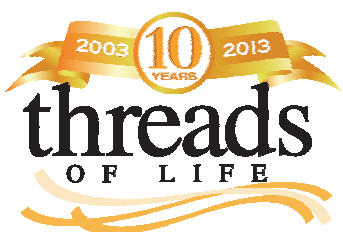
The word 'authenticity' comes from the root 'to author.' Construction companies have the opportunity to author a powerful brand image that resonates with women and all stakeholders through authentic gender equity initiatives.

Sharon Barney, MBA, is a consultant, speaker and advocate for gender equity in construction and engineering. Visit her at ca.linkedin.com/in/sharonlesleybarney or by email at sharonlesleybarney@gmail.com.



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Marketing and business development

The process winners use to win

How to set up systems that will lead to more contracts

By Laura Ricci
Special to the CaCDR

It's an old cliché; that's why it is still true: You can't get anywhere if you don't know where you're going. That's why the only marketing activities that succeed are those with thoughtful consideration behind them. And marketing will be a major factor that determines whether or not you are successful in your proposal pursuits.

The marketing plan: A process, not a product

Your marketing plan represents a process. It must evaluate all of the available opportunities, compare them to the solutions your organization can provide, and then take the steps necessary to get you where you want to go.

The marketing plan should be clear and have enough detail that the managers responsible for selecting specific

organizations as marketing targets can test their selections against the marketing plan and have some confidence they are making the right choices.

Stage one: Starting questions

The first stage of developing a solid marketing plan requires asking yourself questions about what your organization does best, what it can offer to the marketplace, and what marketplace you're most competitive in.

The answers you come up with won't all be correct. But it's a starting point. Just about the time you think you've got a marketplace figured out, it'll move on you! So marketing plans are usually only good for one year at the most.

If you're in a dynamic marketplace, or you're building a marketing plan for a new technology, you'll be editing and changing that plan each week as new intelligence is gathered.

Stage two: Organization questions

Next you'll need to ask questions like these about your organization:

- What are the best matches between the services/products we provide and the needs of the marketplace?
- What's already working well in the marketplace?
- Is there an opportunity for us to follow this example because of growth in a new region?
- Where are the gaps in services or products that you may be able to fill?
- What is not available in the marketplace? How can we verify the need has demand behind it, or is it just a need that doesn't have enough demand to overcome inertia? (Remember how strong the pull of inertia is!)

Stage three: Customer/client questions

You also need to ask questions about your clients. The best way to do this is to make two lists that respond to two questions:

1. What do your best customers look like and why are they your best customers?

Write down the answers to these questions and be specific about what it is that makes these customers the best, including any cultural attributes that make working with them enjoyable for your organization.

2. What do your worst customers look like?

Write down exactly why they are on this list, including what they do or don't do that does or does not fit with your organization. Be specific in detailing the points that rub you raw. Maybe their accounting system drives you wild, causing lost time and money trying to get your invoices through their system. Or maybe their internal process for handling reviews of professional work is chaotic, and this eliminates your margins with their schedule failures.

From the two lists you can now write a description of your ideal customer. What elements should you be looking for that will be better matches for your organization?

You may decide to change some things in your organization in order to better match with some of your customers. Sometimes reorganizing your own accounting systems makes some of the "worst customers" your "best customers" immediately.

All of this analysis goes into your marketing plan. And remember, the plan will be fluid to accommodate new information, as it's discovered. Even though goals and targets will shift, there must be a plan. After all, how are you going to get "there" if you don't know where "there" is?

Stage four: Sharing the plan

The marketing plan must be shared with everyone in your organization. The organization can't move together unless everyone knows what the course is that's being charted.

Your organization is not so much like a ship as it is a bunch of canoes lashed together with ropes. The trip can't be made if you're headed out onto a lake without sharing a target. When everyone knows what the plan is, they can support the plan in the hundreds of little ways that add up.

One organization I worked with set a goal to pare down their customer list to the most profitable clients, their top 50. Everyone in the organization was shown the list. One day in the reception area, a customer from one of the top 50 was waiting for the same person as a customer from the bottom of their client list.

Because the receptionist knew where the firm's priorities were, she gracefully shepherded in the top 50 client without letting on that she had put her in front of the other client.

This is an example of one of those "little hundreds" of ways that everyone in the organization can contribute to the goal – if they buy into it. If they're told about it and the information is shared with the entire firm, you'll be amazed at the results. When management has the nerve to open up and show everyone where they are going there's no stopping you from getting there.

Stage five: Selecting the targets

At this stage, the marketing managers should be ready to select target organizations for a marketing approach and investigation. After checking the target against the marketing plan, they work to identify how best to infiltrate the target organization and collect and analyze the intelligence gathered.

By first finding the CASE of the organizations and then identifying the BUGS and documenting the ISSUES, you can be in a position to decide whether your organization can be a winner with this prospect and turn them into a customer or client.

Excerpted from the recently-published book: The Magic of Winning Proposals: The Simple Step-by-Step Approach to Winning Proposals that Win, Getting new clients, and Implementing an Unbeatable Marketing Plan, by Laura Ricci (with a forward by Matt Handal). The book is available in hardcover format at Amazon.com and in a free electronic version, which you can request by emailing propos-albook@cadcr.com.



BRITISH COLUMBIA

\$8.8 billion Peace River dam project to boost province's construction industry

The B.C. government's decision to proceed with the \$8.8 billion BC Hydro Site C dam on the Peace River will provide a welcome economic boost to the region's construction industry, industry leaders say.



"Right now, this is the big game in town for us," said Britco vice-president Mike Ridley, describing the impact on his modular-work camp accommodation business of what is described as the biggest capital construction project in the province's history.

"What happens on a project of (Site C's) scale and duration is that the next generation of workers can come in and come out of it at the end as significantly experienced and highly skilled workers," the Vancouver Sun quoted Manley McLachlan, president of the B.C. Construction Association as saying.

McLachlan said that within its aging workforce, B.C.'s construction sector will see some 40,000 workers reach retirement age, and a project like Site C can help the turnover for new workers.

"You can't downplay that in terms of workforce development," McLachlan said.

ALBERTA

Construction starts on Telus Sky tower in Calgary

Site preparation work has started on the 58-storey, 750,000 sq. ft. Telus Sky Building, which, when completed, will be Calgary's third tallest structure.

Bjarke Ingels Group (BIG), along with design partner Dialog, unveiled the Telus Sky tower design in July

2013. The tower construction began in November, 2014 and will be completed in the third quarter of 2017. The estimated investment on the skyscraper is \$400 million, designbuild-network.com reported.



Other project participants include: Integral Group, Glotman Simpson Consulting Engineers, Ldmg Building Code Consultants, Gunn Consultants, Bunt & Associates Consulting Engineers, and Rsi Studio.

Edmonton: Enbridge to move to Kelly Ramsey and Manulife buildings

Enbridge will be occupying 14 floors of the rebuilt Kelly Ramsey Building and space in the Manulife Building, with a pedway connecting the two buildings, as part of a consolidation from six locations to a core office area in downtown Edmonton. The company's growth has tripled its space needs in the past decade, published reports say.



A 2009 arson fire gutted the original 100-year-old Kelly Ramsey building. The old building was demolished to make room for a 25-storey office tower, making use of the building's original facade.

Enbridge will begin moving into the new space in 2017.

SASKATCHEWAN

New Saskatchewan Roughriders stadium under construction in Regina

Construction continues on the new \$278 million stadium for the Saskatchewan Roughriders under a public/private partnership agreement.

Regina's share of the project cost is \$73 million. The project, part of an overall downtown revitalization/redevelopment initiative, is the first PCL commercial project in Regina to have four tower cranes operating at one time.



The contractor says approximately 160,000 cu. m. of soil have been removed from the site with the west side excavation at approximately 11 metres below grade.

"In total, 815 piles had been installed and 7,600 cu. m. of concrete poured" by late October 2014.

"The progress at the site is very impressive. Every time I've driven by it is always filled with a lot of activity. It has been fun to see the first phase of the Regina Revitalization Initiative literally grow up out of the ground," said Regina mayor Michael Fougere.

"Our team is very happy with the progress we have made since breaking ground this summer," said Sean Hamelin, district manager of PCL Construction Management Inc. "We have assembled a very dedicated team and the passion we have for building this stadium is proven every day. Progress is right where we planned it to be at this time."

The stadium will be substantially complete in August 2016, with the first Rider game in the new Mosaic Stadium in June 2017.

MANITOBA

Construction starts soon on the second phase of Winnipeg's new Sport for Life Centre

The \$25 million, 124,000 sq. ft. facility in the Exchange District will cater to inner city teens, families and will also provide space for sports training and programs.



Winnipeg Mayor Brian Bowman said the centre will be a legacy for the 2017 Canada Summer Games.

"Every athlete I think needs a great space where they can train to get to the next level of their sport and develop their leadership skills," Bowman said in a published report. "I know that the Sport for Life centre right here in downtown Winnipeg will be exactly that place."

The Manitoba government has invested \$16 million in the project. The city has committed \$1 million to the facility from the 2017 Canada Games Capital fund. The remaining funds are from private donations.

ONTARIO

Tony Dean makes presentation to OCOT board, describing his mandate and approach he will take to resolve questions



Tony Dean, appointed to review the Ontario College of Trades (OCOT), attended a meeting of the organization's board of governors in Toronto in De-

ember and reported on his mandate to study and report on the rules regarding creating new mandatory trade certifications, and in resolving "scope of practice" issues for trades, the Council of Ontario Construction Associations (COCA) reports in its newsletter.

The newsletter quoted Dean as saying he "has assembled a small team of three or four people, some who are full time on the review and others who are only part time," some from the Ministry of Trades, Colleges and Universities, and "others from the OCOT, to support him in this review."

"He has already had animated and positive discussions with Tim Armstrong and Kevin Whittaker (who wrote reports that were the genesis of the College) and also spoke with Garfield Dunlop MPP who has been one of the college's most outspoken critics," COCA reported.

"He has already spoken with approximately 30 representatives of significant stakeholders, some who support the college and others who are critics; there was uniform support for the review and offers of help."

OAA seeks diversity in 2015 awards submissions



The Ontario Association of Architects (OAA) has invited entries for the 2015 OAA Awards. "The awards highlight the best in architectural design and innovation by Ontario architects, recognizing both emerging talent in

the industry as well as some of the province's most established architectural firms," the OAA says in a statement.

This year, the OAA is emphasizing the importance of submitting multi-unit residential and mixed-use projects, including condominium buildings, within the nominations.

"As populations continue to grow and shift back towards urban centres, architects will need to present creative residential structures that promote density and accommodate mixed-uses while engaging within their given context and environment," says OAA president Bill Birdsell. "It's important to recognize the architects that are designing exceptional and diverse expressions of our modern lifestyle."

As well this year, the OAA is emphasizing that anyone, from members of the public, to industry partners, as well as architecture firms, can nominate a deserving project on behalf of the architect.

The submissions deadline is Jan. 26 at 4:30 p.m.

Third party verification services – OGCA legal opinion and petition encourage contractors to use COR instead of commercial verification services

The Ontario General Contractors Association (OGCA) has launched a multi-pronged attack on third party verification services.



NEWS BRIEFS

These measures include starting a petition campaign, obtaining a legal opinion that the use of these services doesn't meet the standards for due diligence and, most significantly, obtaining a decision by York Region to allow contractors to qualify for work with a COR (Certificate of Recognition) designation through the Infrastructure Health and Safety Association (IHSA), in place of the ISNetworld, one of the third-party services that has attracted the greatest level of controversy.

The third-party services charge fees both to owners and contractors and sub-contractors to gather and monitor compliance with various regulations, including health and safety and workers compensation rules. However, several contractors have complained that the services create unnecessary bureaucratic burdens, increase costs (both in time and cash) and don't truly confirm regulatory compliance.

The petition, addressed to the provincial labour minister and the Ontario legislature, says:

"We, as members for the Ontario Construction Industry, request that the Hon. Minister of Labour and the Ontario Legislature address the problem of Third Party Safety Verification. We collectively request that immediate action be taken to accredited employers who meet the standards for health and safety excellence via programs such as COR."

"There are numerous private unregulated companies that verify safety compliance, many do not verify that the programs are delivered. As a result, owners and contractors will be left with the mistaken belief that they meet or exceed their legal health and safety obligations; further, programs such as COR exist which verify that that the contractor is in full compliance."

Diamond and Schmidt design \$110.5 million National Arts Centre revitalization

Diamond and Schmidt architects are designing a \$110.5 million project to "transform and revitalize" the Na-

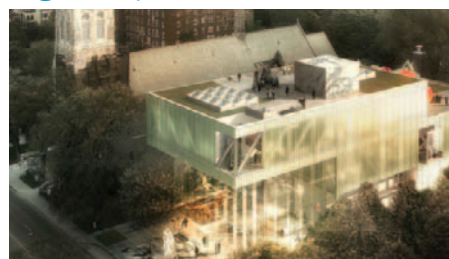
tional Arts Centre (NAC) on Elgin Street in Ottawa.

The project will be built through a collaborative construction-management design team approach, and the NAC will follow a two-step approach to seek out expressions of interest from qualified contractors, says NAC director of operations David McCuaig. "We're looking for a partnership, someone who will want to work on this project in the spirit of integrated project delivery."

The initial notice will be posted on MERX fairly early in the new year," he said. This will result in a list of pre-qualified firms, which will be narrowed down in a separate step, to possibly four or five candidates at the Request for Proposal stage.

"One important thing we really want, is to get the construction manager early to work with the architects and engineers, and give us constructability advice, from the design process right through construction."

QUEBEC Quebec City museum expansion reaches highest point



OMA's first Canadian project, the Musée national des beaux-arts du Québec (MNBAQ) expansion has reached its highest point. Extending from Quebec's Parc des Champs-de-Bataille to the Grande-allée, the cascading gallery's three stacked volumes have taken full form as the museum works towards completion in early 2016, archdaily.com reports.

OMA New York won the design competition for the Musée national des beaux-arts du Québec in 2010. The project began construction in September 2013 and is expected to open to the public in early 2016.

NEW BRUNSWICK

Two companies receive ACOA support

Two New Brunswick companies have received financial support from the Atlantic Canada Opportunities Agency, the federal government has announced.

Timberparts Ltd., an aftermarket remanufacturer specializing in refitting and repowering fabricated products, will construct a new 13,000 sq. ft. facility and purchase a 10-ton crane with a \$500,000 repayable ACOA contribution.

Meanwhile, Kings County Mechanical Ltd., a welding and fabrication shop, will acquire the building it currently leases, purchase equipment and construct a small adjoining building for its blast and paint shop with its \$500,000 repayable contribution from ACOA. In addition, the company will receive \$12,375 from the government to hire productivity expertise to improve the plant's layout to reduce waste and increase efficiencies.

"Our government is committed to creating jobs and economic growth, while returning to fiscal balance," Regional Minister for New Brunswick and Minister of State (Atlantic Canada Opportunities Agency) Rob Moore, said in a statement.

NOVA SCOTIA

Non-union businesses protest "any given day" rule for union certification

Fifty non-union construction companies are protesting a union certification decision made by the provincial labour board, CBC has reported.

The issue is whether everyone who works for a construction company should be allowed to vote or only the people working on the day a union drive is held. The latter is something known as the any given day rule.

Non-union shops say the rule is unfair, open to abuse and should be changed.

The decision stems from a situation where at a parking garage under construction, six of the seven labourers

signed union cards on a given day.

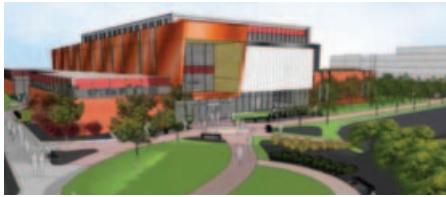
The company working on the project, CanMar Contracting Ltd., is appealing the labour board decision because two long-term employees were absent that day.

The any given day rule applies only in the construction industry, the CBC report said.

PRINCE EDWARD ISLAND

New engineering school for UPEI

The University of Prince Edward Island has announced plans to construct a new school of sustainable design engineering.



The provincial government has announced a \$12 million investment to construct the new building and \$4 million for operating costs.

The federal government also announced \$5.98 million in funding through the Atlantic Canada Opportunities Agency to help set up lab space for research, to buy specialized equipment and for other costs.

NEWFOUNDLAND

\$1.5 billion Maritime Link breaks ground

Officials from Newfoundland and Nova Scotia held ceremonial shovels to break ground in a remote corner of western Newfoundland on the Maritime Link, which will connect the island to the North American power grid.

The transmission line will bring power to be generated at the under-construction Muskrat Falls megapro-

ject in Labrador to Nova Scotia, via Newfoundland.

"There's a lot of work going on here," said Derrick Dalley, Newfoundland and Labrador's natural resources minister, adding that the Maritime Link project has become a major employer, CBC has reported. "There's a lot of Newfoundlanders and Labradorians working here and that's tied to the benefits of the project as well."



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Win-door North America

attracts 3,200 participants to 20th anniversary fenestration trade show



Canadian Design and Construction Report staff writer

Canada's industry-owned North America fenestration trade show attracted thousands of visitors Nov. 18 to 20, providing the technical and practical information attendees have come to expect with some anniversary highlights to mark the show's continued success as a premier industry event.

The industry-owned show, at the Metro Toronto Convention Centre, celebrated its twentieth anniversary.

"Despite the growing challenges faced by shows today, this year's floor-plan grew six per cent over the previous year with more than 3,200 participants and more than 135 companies taking part," said show chair Rick Pries.

"Win-door is a great sales tool and the premier educational vehicle for our industry. Education attracts and the added opportunity for networking by bringing all of the serious players together in one place is invaluable."

He says people continue to want to see, touch, understand why, and to talk with the people delivering the specifications. That inherent need and the input gathered after each show from attendees and exhibitors will continue to drive the shows' focus and forward direction.

— Continued on page 16

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Pries said this year's Toronto show included a strong representation from both the western and Maritime provinces.

Opening night anniversary celebrations included live music by the Blus Brothers (a Canadian tribute to the original Belushi and Aykroyd creation) and a show-floor party. Blus Brother Bob Hammond is also in the window business in Dundas, Ontario – so was a great fit and a very fun way to start the show.

Fenestration Canada president Skip Maclean presented

awards to the exhibitors who have been part of Win-door through all of its 20 years. These included the Insulated Glass Manufacturers Alliance – IGMA; Novatech Group Technologies; Royal Group Technologies; Trimlite Canada; and Amesbury-Truth.

As well, show founders were also recognized including John Middlebro – ASA Sales; Jim Parker – Engineered Profiles; JP Britten – Engineered Profiles; Harold Shield – Shield Associates Ltd.; and Patrick Shield – Shield Associates Ltd.

The original show committee also included Tom Duffy – Dashwood Industries Inc.; Michel Flageole - 20-20 Technologies Inc.; Pierre Grand'Maison – Thermoplast Inc.; Richard Lipman - Canadian Window and Door Manufacturers Association; Richard Poirier – BayLite Doors and Windows; Bill Scott – All Weather Windows;

Special recognition awards were presented to Hope Humphries - Freeman Decorating Ltd.; Dean Shaddock of Toronto Paramedic Services; and Heather Cairns-Mills of Walk It Off Spinal Cord Wellness, and founders of the Partners Promoting Window and Balcony Safety across Canada.

Past show chairs Jim Parker, Ron Vanden Brink, Matt Kottke, Michel Flageole and Rick Pries were also recognized.

Seminars explored building and energy code updates, Energy Star programs, certification issues and an overview of economic conditions and industry forecasts.

The new products showcase featured companies including Aribell Products Ltd. with its Dual Durometer Continuous EPDM kerf door seal and Aritech Woodgrain Sustainable Composite program. Fenzi North America demonstrated the advantages of its Poliver – Two Part Polyurethane Insulating Glass Sealant and Warm Edge Spacer and improveit! demonstrated its mobile application to maximize time, eliminate data back-ups and manage business.

The dates for Win-door North America 2016 are Nov. 3 to 5 2015 at the Metro Toronto Convention Centre, South Building Hall D.

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Women in

EDO ♀



EDCO chief executive Heather Lalonde **Women's role increasing in** **economic development profession** **in Canada and internationally**

Canadian Design and Construction Report staff writer



Heather Lalonde, Economic Developers Council of Ontario (EDCO)'s chief executive officer, embraces the new international focus on economic development and the growing role of women in the profession.

Lalonde began her career in municipal government before taking on economic development challenges for the City of Peterborough in 1997. Like many people in earlier years, she evolved into the career. Now people seek it out as a professional opportunity.

"There is a greater understanding now for the need for economic development and it has become more widely known as a profession and one people seek out, rather than evolving into," she said. "Economic development is being seen more as a core business of municipalities as well so the focus is growing."

She said EDCO is just eight members short of 1,000 at the end of 2014 and 44 per cent of those members have been involved for less than 10 years.

As the numbers of economic development professionals grows Lalonde says the demographic is naturally evolving to include more women. "Women are naturally used to juggling multiple tasks and managing a work/life balance so they are naturally suited to the high demands and challenges of the career."

She says advances in technology have created a greater demand for responsiveness. A competitive market also comes into play with the tighter response times and determines the kind of people who will succeed in the industry.

EDCO has started planning events focused on women and will bring in women in Ontario who are leaders in the field who can share their experiences and insights. "Sometimes women just need to see the possibility and sharing the path other successful women have taken can be that inspiration."

Lalonde says that variety and flexibility are among the things she loves about the job but it is not for everyone. "I think of economic development like parenting. You have to be an event manager, understand financial issues, be able to handle logistics, be detail oriented, and go into work every day thinking the day is going to be about one thing and find it is completely turned around."

Lalonde is expanding her own international influence in the industry and connecting with women on a global front. She has just been elected as a member of the International Economic Development Council (IEDC) and says that there too an increasing number of women is evident.

"Economic development is a field that transcends government and the private sector. It is for people who truly care about their communities. It is a powerful and empowering industry that is able to shape the future of our communities."

Linda D'Hondt-Crandon combines industry knowledge with government experience to build community opportunities



Canadian Design and Construction Report special feature

Linda D'Hondt-Crandon has applied her clear understanding of the industry with a diverse background to give her a broad insight as economic development coordinator for Norfolk County in Simcoe, Ontario.

D'Hondt-Crandon combines real estate training and municipal government experience in public works, health and finance. This background has helped her understand the process, politics and business of economic development.

"There is a perception that economic development is all about investment attraction," she said. "Really though it is a combination of business retention and attraction."

D'Hondt-Crandon says local jobs are often created by smaller local employers with the opportunity to grow.

She says the economic development field involves new people, challenges and rewards each day. "It is very rewarding to see a brownfield development move forward, in seeing new business ventures established and in watching local companies grow. Economic development helps with all of that."

She says one of her job's biggest challenges is justifying the local regulatory environments to clients, including the costs of approvals which can be high and hard to understand.

She says her vocation can also be very demanding, requiring flexibility and the willingness to work around clients' schedules to be available when they are. "Economic development requires persistence, enthusiasm, a solid understanding of the issues and a broad knowledge base that encompasses a lot of different areas."

D'Hondt-Crandon says she has found experience to be the best teacher but says education and training are important as well and anyone considering an economic development career should certainly pursue this as a path. "An education in economic development provides you with the opportunity to learn from others and to benefit from all they have experienced."

She says there is a great deal of support available for people in the field and adds that anyone who doesn't take advantage of these opportunities is missing out on key components. D'Hondt-Crandon is a member of the Economic Developers Association of Canada (EDAC) and the Economic Developers Council of Ontario (EDCO).

She also works closely with local chambers of commerce, business improvement areas and business associations.

"It is a fun, challenging job that gives you an opportunity to learn more about what is in your own backyard than most people will ever know," she said.

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Norfolk COUNTY

Katlin Ducherer builds relationship bridges

Lloydminster's economic development straddles Alberta/Saskatchewan border

Canadian Design and Construction Report special feature

From an education in events and tourism, Katlin Ducherer is building a bridge-building career as an economic development officer for Lloydminster.

"I applied for a different job with the city back in 2008," she said. "They were looking to expand their economic development department at the time, suggested I consider giving it a try and sent me on training. From the start I loved it."

Describing economic development as being about "building bridges and making connections that wouldn't otherwise be made or made as quickly," she has spent the past several years building and facilitating those relationships and helping develop a regional picture.

Lloydminster is unique in that it straddles the border between Alberta and Saskatchewan so is considered both and is connected to several regions on both sides of the border. This is both an opportunity and a challenge in the economic development world.

Another challenge that Ducherer has dealt with is her gender. "When I started the job and would go to events or into meetings, the majority of my peers were men and in particular older men. Now I'm seeing more women in the field and people younger than me getting involved."



She says she realized early on that she had to be confident and show others that she knew what she was doing. Having an outgoing and energetic personality helps she says and adds these qualities are important for anyone considering the profession.

A challenge she has yet to face and has concerns about is how a future family might fit into her hectic and demanding schedule. "In economic development you have to be available 24/7," she said. "There are challenges in the size of the team you work with and all that needs to happen and I can see balancing that and a family as being difficult."

That being said she loves her job and says she would absolutely recommend this as a career. "I love developing and maintaining relationships, enjoy helping people and being part of someone's success."

Ducherer says the training she has taken and continues to take along the way has been important, in part because of what she has learned from conversations and stories from experienced instructors.

A member of the Saskatchewan Economic Development Association (SEDA) and Economic Developers Alberta (EDA), Ducherer is also a member of the MPI (Meeting Professionals International).

"With economic development it can be years until you see the fruits of your labour," she said. "Without the bridges we build though a lot of businesses and organizations would not have the opportunities they do."

A promotional graphic for Lloydminster Economic Development. It features a stylized logo of three upward-pointing arrows in red and white, set against a background of a modern building. Below the logo, the text "LLOYDMINSTER ECONOMIC DEVELOPMENT" is written in a bold, sans-serif font. Underneath that, the phrase "Keys to Business Success" is written in a cursive font. At the bottom, there are six checkmarks arranged in two columns, each followed by a key statistic.

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www.lloydminstereconomy.ca
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Marla Tremblay builds her business and reputation as an economic development consultant

Canadian Design and Construction Report special feature

From a background in tourism and work in various aspects of business and community development, Marla Tremblay has created a successful business combining economic development services on both the public and private sector side.

Tremblay says over the years she worked with chambers of commerce and small businesses, in community development with a focus on small business support and then for eight years as economic development officer for the City of North Bay. "Over the years I developed a strong network, had the opportunity to develop various interests and areas of experience, and got exposure to many northern communities."



This diverse and varied background provides her business, Markey Consulting's, foundations. Tremblay works as an independent consultant with communities on things like event planning and market studies. On the private sector side, she works with companies, especially in mining supply services, on marketing, helping them access government money and building their reputations.

While she says economic development is now something taught in the school, success in the field relies on a variety of experiences and roles, on who you know and your ability to use the available resources. "There is certainly value in formal education but on the ground learning is important as well," she said. "Every community is different, their needs are each different and it's important to be able to draw on a vast body of experience."

Her experiences have also taught her that gender biases still exist. She says the solutions include a willingness to express opinions, to be sure you are heard, and not to take things personally. "I mentor a lot of women and I tell them they need to speak up, to share and to have a strong backbone."

She also reminds them of the importance of visibility and networking.

Tremblay, a member of Women in Mining (WIM) Canada, says she makes an effort to visit groups specific to women when she is attending trade shows and events.

Her advice to anyone considering a career in economic development is to be prepared to put in the time. "It is important to understand this is a service-driven industry. You have to be committed to your client and that can mean the workload can be heavy."

Understanding that a balance between work and life is important was part of what motivated Tremblay to start her own business. Although there are innate challenges in being self-employed, Markey Consulting has given her more control over her own schedule and helped her achieve the balance she has sought.

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Dymond Industrial Park

Kathy Weiss: Making a difference as Durham's director of economic development and tourism



Canadian Design and Construction Report special feature

Kathy Weiss, Regional Municipality of Durham's director of economic development and tourism, came to the industry, as many others have, through an indirect route. Over the years, she has built her reputation as a provincial economic development leader.

From her start as a computer operator, Weiss moved into a career in sales and then became the St. Catharines Chamber of Commerce's general manager. There she got her first exposure to economic development. She then moved to Kitchener, where she worked as manager of business facilitation and then moved into the role of director which included the Waterloo Region Small Business Centre.

"After that I worked for Chatham-Kent and that was where I got my first exposure to international investment."

Weiss just returned from an investment mission to Holland on behalf of Durham and says China is another investment market relevant to the region.

Along the way, she says she has seen a growing number of women entering the field, even in international markets where one might assume gender could be an issue.

She says economic development at its most basic level is about creating jobs and making communities livable, sustainable and healthy. "Along the way you build business relationships and hopefully secure enough bricks and mortar that demonstrates the hard work."

Weiss says her work with potential economic development clients – starting as an information source, helping develop a solution and then bringing that relationship into the community – is very satisfying.



She also works to maintain relationships within the construction industry, understanding that construction and economic development go hand in hand.

As part of her role, she is a member and past president of EDCO (Economic Development Council of Ontario). She is also a member of the local chambers of commerce and boards of trade. During 2015 she has set a goal of finding a hobby and is considering a group for women in economic development as a way of branching out and connecting with other women in the industry.

Weiss says she would recommend an economic development career to any woman with the right personality. "Economic development requires a sales/close the deal kind of person who has people skills and an ability to think outside the box to see the bigger picture."

She takes advantage of ongoing training opportunities to stay up on changes in the industry and feels very fortunate to be in a role in which she is meeting people and making a difference.



Canadian Construction law and insurance: Challenges couple with opportunities as industry evolves

Canadian Design and Construction Report staff writer

What does the future hold for Canada's construction industry from legal and insurance perspectives?

Speakers at the Canadian Bar Association's biennial National Construction Law Conference in Toronto this past fall explored some of the challenges affecting the industry at the Building for the Future Conference. About 100 construction lawyers and industry representatives participated.

Conference chair Andrew Heal, founding partner with construction law firm Heal & Co, LLP, said the conference covered a wide range of topics including the increasing global competition for local construction work, "in-house" counsel perspectives, challenges arising from infrastructure deficit, insurance, bonding and alternative performance and payment security, continued shortages in skilled trades, and ethical and professional considerations in today's procurement environment.

"Procurement challenges are a key concern," he said. "Project delivery models are changing and though the intent is for everything to be open and transparent, the rules often include onerous requirements that limit bidders."

Keynote speaker Stephen Bauld, president and CEO of



**Andrew
Heal**

Purchasing Consultants International Inc., addressed this issue, speaking about the shrinking pool of bidding contractors as time goes on; pre-qualification becoming very specific; and specifications that seem written towards a specific company. Bauld also said smaller contractors with no expertise to bid have also become a looming issue.

Maurice Audet, senior vice-president and senior account manager with AON Insurance Brokers and Risk Consultants, described the challenges contractors face when they believe insurance covers more than it does. "Sometimes we look at a project's risks and only about 20 per cent is insurable. Issues like weather and labour can create significant problems for projects that are not covered."

Audet says the industry only has to look to the situation in Alberta a few years ago, when every project seemed to come in late and over budget, to understand the implications of skilled labour shortages.

"We're seeing project owners pushing risk too far down the chain," he said. "The result will either be companies cutting corners or being hurt financially themselves in order to compete."

He says a better option from an insurance perspective may be first-party, rather than third-party risk. Transferring the risk to the property insurer up front he says offers more predictable outcomes when a loss may occur.



Heal says panel discussions also included a discussion of mega projects in which strict schedule compliance is sometimes more important than cost, and cost overruns may be incurred to avoid schedule slippage because of the impact of lost production revenue from the owner's perspective.

The issue of skilled trades was also a key recurring theme.

"Other panel discussions covered topics such as insurance and bonding issues; urban renewal; insolvency and construction; and exporting construction expertise – focusing on dispute resolution issues."

Heal says the construction industry is growing and has an opportunity to drive the Canadian economy. Service providers on the legal and insurance sides he says, must find ways to grow and adapt to add value to projects and clients. Just recently, a survey of C-suite executives across Canada ranked infrastructure renewal and increased infrastructure spending as the most important issue for the federal government in 2015.

"The general sense from the conference was one of energy and optimism for the future of the construction industry, and all of us working together to help it succeed," said Heal. "From hospitals and better health care to improved roads and ease of transportation, construction is vital to our country's quality of life."



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HUB International, as a leading international insurance broker, offers a broad array of products and expertise to help clients manage their evolving risks in a constantly changing world.

Nelly Toledo, a Canadian Accredited Insurance Broker, partner and vice-president with HUB, helps her clients meet their risk management needs with a perspective and expertise that comes with 30 years of insurance experience, 20 of which have been focused on the construction industry.

"I meet regularly to discuss my clients' progress or any project issues they may encounter," she says. "Part of my job is to be constantly sharing ideas to ensure my clients are receiving top notch advice and service."

For the coming year, Toledo says there is no expectation that rates will change. However, business owners should be aware that there may be more demand for Contractor's Errors and Omissions and Environmental Liability coverage.

"Insureds should be cautious when remitting their bid as these coverages are not often included as part of the insured's general package. The premium for these coverages can be substantial and, if the cost is not included in the bid, it may have a considerable impact on the contractor's overall profit, if they are successful in securing the job."

As the new year is always a good opportunity to take stock of a business and its position, Toledo suggests there are some important coverage issues all businesses should be aware of including: the basis of loss settlement on rented contractor's equipment is usually actual cash value and should be amended to replacement cost (often restricted to five years from date of manufacture), as stipulated in most rental contracts; weight overload exclusions should be removed under equipment and liability coverages; ensure coverage is not excluded on equipment situated or being operated underground; ensure explosion, collapse and underground work is not excluded under liability; be cautious of frost and freezing exclusions.

It is not just general insurance coverage that factors into the insurance picture. Scott Beitel, Ontario surety leader, says part of his role is working with colleagues across the country to enhance and promote surety products. "There are differences regionally depending on municipalities and

various bond owners which are important to understand," he said. "HUB's breadth of experience and geographic range makes this easier."

Beitel says despite the fact that surety has been around for a long time, people still don't understand its complexities. He says surety is underwritten much differently than insurance and can be difficult to secure without proper guidance. "Surety is a more intimate process," he says. "One of our first tasks is to educate our clients on the process involved and the time commitment."

He says early involvement with clients is crucial because a surety bond broker can identify problems with contracts proactively and then act as a resource, consulting across a range of specialties. "We have consultants we can call on for legal guidance, or for engineering advice," says Beitel. "Many of us have specific industry experience

including finance, accounting, underwriting and construction. As an office specialized in surety, we review multiple contracts daily so we have experience other firms may not."

He says in many cases the onus and risk on projects is being pushed further down the line as part of the norm and while some contractors may accept the risk without receiving a higher reward for that added liability, many others are not even aware the additional risk is there.

HUB reviews contracts regularly and tries to give clients advice early on in contract negotiations to respond more proactively to the terms and conditions set out and to give advice to clients on requests to take back to the prime contract.

He says it is also important for contractors to understand who the end owner on a project is. "With a greater number of consortiums, joint ventures and new project owners, contractors need to have a clear understanding of who they are working for and the liabilities that are both laid out and implied."

With industry changes including project bundling, Beitel says competition from foreign interests, decreased margins and more onerous contracts make it more challenging for contractors, and additional issues including cash flow management and hold-backs add additional pressure.

Beitel says that by "getting involved in a project early, HUB becomes a business partner both on the surety and non-surety side. We can help structure a contract with the end in mind and can assist with other aspects of the business to ensure a project succeeds."



Scott Beitel



Nelly Toledo



Ontario's top five contractors

Innovation, experience, diversity define the best in the business

Canadian Design and Construction Report staff writer

In some respects, it is easy to select the best in any business. You almost instinctively know the leaders and often can measure rankings through tangible characteristics such as sales volume, employee count or longevity.

Yet there are other qualities that come into the picture; and this listing compiled by Canadian Design and Construction Report's editors takes on the challenge with a more subjective approach based on our 25 years' experience in the construction community. This allows us to appreciate both companies with staying power and newer businesses with a distinct marketplace edge.

If you seek minimum qualifications, you'll find four out of five of the leading contractors belong to the Ontario General Contractors Association (OGCA). Dancor, the one exception, is also a property owner and developer, with a strong southwestern Ontario and Greater Toronto/Hamilton focus.

Several contractors have built years of regional success, including Charter Building in the

Niagara/St. Catharines area, Mike Moore in Sault Ste. Marie and Aquicon in Brampton/GTA. PCL, on the other hand, is an international company, but its employee ownership model has resulted in a sustainable, passionate and enduring industry success.

We ranked our Top Five contractors on their safety track record, community service initiatives, and creativity in adapting to changing market conditions. These contractors will build what they know – with reliability and competence – and can often handle the more challenging jobs while remaining competitive in price and delivery on more standard projects.

***Congratulations to
this year's winners.***

Do you know a business you think may be worthy of recognition in the 2016 Top Five awards.

You can submit your nomination here:
<http://tinyurl.com/ol42hek>

Dancor Construction Development combines construction and development with speed and cost-efficiency



Canadian Design and Construction Report special feature

Dancor Construction Development, one of Ontario's top general contractors, continues to add to its portfolio as an industrial/commercial contractor and developer. In addition, the company owns tenant-occupied properties and is expanding its industrial portfolio.

The 11-year-old business, led by partners Danny Sanita and Sean Ford, gets projects "started quickly, out of the ground, and finished early - on budget or below budget and early," Ford said.

His design-build experience combined Sanita's excavation expertise enables Dancor to serve clients when time is tight or the requirements are complicated or intricate, he said.

Dancor has been lauded by the City of London and City of Mississauga for

its tremendous work and contributions to those cities. The company has also been named one of Canada's 50 Best Managed Companies for the third year in a row.

"We work very hard to please our clients and staff, but to be recognized by such an important organization is a fantastic honour which we cherish very much," said Sanita.

Part of Dancor's success lies in its core values. The two men grew up in the same North York community and each brings hard work and strong family values to the business. "Our parents worked very hard after coming to Ontario and we want to honour them in the work we do," said Sanita.

The "Dancor Approach" is a simple one. As a developer, builder and landlord, the company approaches each new client and project as if it is its very own. "You have to understand and appreciate what your clients are going

through, that they need you to take all the headaches away and give them an exceptional product that allows them to grow their business and we do this very, very well," said Ford.

The firm has offices in Brampton, serving the GTHA, and in London, serving southwestern Ontario.

"The province is back, industrial permits are increasing, and entrepreneurs are venturing out again needing new and improved facilities," said Ford. "There is little land left in the GTA so we expect to see the growth of smaller but significant cities and towns as Ontario gets back on its feet."

Sanita says Dancor's future is directly tied to its exceptional clients. Reluctant to single out any single project, Dancor has ties to Fed Ex, Oshkosh/London Machinery, EXP, Kongsberg Defense, and Fastenal.

Dancor has also completed the de-



velopment of a master planned community of 1,200 homes and 35 acres of retail land in the community of Stayner, just south of Collingwood and Wasaga Beach, west of Barrie.

"Dancor started the Stayner project in 2005 and we are very now looking for builders who want to partner with us," says Ford.

He says Dancor is looking for good clients to enhance its core general contracting work for industrial, commercial, office and institutional projects.

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Phone (905) 790-2333

London Office: Unit 1 - 15825 Robin's Hill Rd. London, ON N5V 0A5
Phone (519) 457-2339
www.dancor.ca

Aquicon Construction Co. Ltd.

Brampton-based Aquicon Construction has been in business since its establishment in 1986 by brothers Frank and Mario Aquino.

The company specializes in public sector and educational facilities including schools, universities, community centres, churches and libraries.

The company's website says: "At the heart of our business is the combination of family values and a hands-on approach that have earned us the trust and respect of our clients and peers. We believe that by creating strong partnerships and working side by side with all those involved in the construction process, we build a better community."

The company has completed more than 100 projects to date with a volume valued at more than \$1 billion. Aquicon focuses on projects in the GTA.

131 Delta Park Blvd., Brampton, ON L6T 5M8
Phone: (905) 458-1313 www.aquicon.com

Charter Building Company

Over the past 30 years Niagara-based Charter Building has been committed to the philosophy that a company is only as good as its people.

Charter president Don Ward has assembled a team of professionals whose diverse disciplines come together to handle complex projects and challenges. The company's website says: "Each employee takes pride in having the team approach... all working toward a common goal - to produce a quality project that exceeds the clients' expectations. From project management to design/build to tendered contracts, the hands-on approach by each and every member of the team is the rule, rather than the exception."

Charter works in the areas of commercial, industrial, pre-engineered buildings, project management and design/build that specializes in hotels, shopping centres, corporate headquarters, restaurants, retail stores, office buildings, financial institutions, car dealerships, mini-storage buildings and golf course clubhouses.

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Mike Moore Construction Ltd.

A leading general contractor in northern Ontario, Sault Ste. Marie-based Mike Moore Construction Ltd. has won the Canadian Construction Association (CCA)'s national safety award and was the first contractor in the region to achieve a certificate of recognition (CoR) from the Infrastructure Health & Safety Association (IHSA).

The company's annual project totals have ranged from between \$6 million and \$18 million.

The business has constructed a diversity of structures, and earned an ongoing reputation for quality, reliability and innovation both within the Sault Ste. Marie area and around the province through its participation in the Ontario General Contractors' Association.

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Air Canada Centre



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McDonald Cartier Airport in Ottawa

Canadian Design and Construction Report special feature

Begun by Ernest Poole in Saskatchewan in 1906, PCL Construction has grown to be a premier, employee shareholder-owned construction company with a strong presence across North America and Australia. The company has been named one of Canada's 50 Best Employers and is a Platinum Member on the list of Canada's Best Managed Companies.

From PCL Toronto, established in 1983 and the company's largest district office, PCL has completed a diverse range of projects including the Air Canada Centre, the Niagara Falls Casino, Terminal One at Toronto Airport, the McDonald Cartier Airport in Ottawa and the Canadian War Museum.

PCL has grown in size and capability through strong roots in the construction industry and a culture that provides a stable foundation. The company is 100 per cent employee owned and 95 per cent of PCL's 4,000 employees are shareholders. There are no external shareholders.

This employee ownership has been cited as a contributor to the company's success, making every team member accountable.

In 1990 PCL established the PCL College of Construction, which trains staff in leadership and advisory skills, among other things.

PCL strives to be a market leader and a construction leader, both within the industry and within the communities in which it works. The company has a significant corporate initiative for United Way giving, and it contributes to the Red Cross and Habitat for Humanity. Other initiatives are generated at the employee level.

PCL fosters a collaborative approach on its projects, aligning everyone involved through common goals and objectives to ensure the projects succeed.

Besides delivering the work on time and on budget, safety is an important measure of a project's success. The company receives recognition annually from the Ontario General Contractor's Association (OGCA) for its safety records.

Toronto – Buildings & Civil Construction:
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Mississauga, ON L5A 4G1
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www.dancor.ca



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Phone: 519-457-2339

National Forest Products distributes high-quality softwood lumber for wood truss industry

*Canadian Design and Construction
Report special feature*

National Forest Products (NFP) Ltd. distributes high-quality softwood lumber products for the wood truss industry.

The company's head office is in London, Ontario with branches across Canada. Larry Parker works from the Calgary branch and has been supplying truss plants from an Edmonton distribution yard for 30 years.

Most of the high end and MSR lumber comes from mills in B.C., Alberta and Saskatchewan. Although Parker's main focus is the Prairies, he is able to quote and ship to truss plants as far as the Maritimes.

NFP supplies a variety of products including long length finger joint lumber, 'Pinnacle' cedar and 100 per cent PVC decking.



National is FSC Certified and supplies most buying groups including the Alberta, Saskatchewan and Manitoba Truss Associations.

Parker says the advantages of having a distribution yard is the ability to purchase extra product when the market conditions are right, and to be able to mix loads to suit customers' needs to help them balance their inventories.

Parker says National Forest Products has a good reputation within the

industry for supplying quality products and always delivering what they promise. This is also his commitment.

"Our goal is to supply high end product lines that supercede market standards and satisfy the discriminating buyers' needs. Our motto is, 'quality, quality, quality.'

For more information, contact larry@nationalforestproducts.com, visit www.nationalforestproducts.com, or call 1 (800) 239-0415.



National Forest Products Ltd evolved from an older company that began in the 1930's. By the time it was incorporated in 1992, NFP already had 70 years of experience in the lumber industry. NFP is a distributor, wholesaler & broker of the highest quality softwood lumber products. They service independent retail lumber dealers throughout all of Canada, and are beginning their transition into the U.S. market. NFP owns a distribution facility, strategically located in Orillia, ON. With a location just north of Toronto, and just south of the Muskoka region, it gives them a great central location to service Ontario and Quebec markets. NFP also facilitates warehouse space in Vancouver, Calgary, Edmonton, and now New Jersey, to have product able to service nearby markets.

Over the last decade, National Forest Products has grown and expanded its business. With the development of the Pinnacle programs, and the opening of two other divisions, NFP has begun to separate itself from the competition. In 2010, Thuja Transport Company was incorporated to offer long haul, on-time service to customers and distribution. In 2011, NFP began a manufacturing division that handles Western Red Cedar Specialties & Exports. The Specialty & Export division mainly focuses on cutting high quality cedar posts and timbers.



10325 Bonaventure Dr. SE, Suite 400B,
Calgary, AB T2J 7E4
Phone: (403) 571-0595 Fax: (403) 571-0597
www.nationalforestproducts.com



New building code rules could change industry paradigm

Will new mid-rise wood building construction change the character of the wood truss/component industry?





Canadian Design and Construction Report staff writer

With Ontario joining B.C. in allowing builders to construct wooden structures up to six-storeys high, many, including the Ontario Wood Truss Fabricators Association (OWTFA), are reviewing their mandates to become more all encompassing associations to the Ontario structural wood marketplace and to assist in unifying the stakeholders in mid-rise construction.

OWTFA executive director Mike Phillips says the construction industry is generally fairly conservative. He says adaptability will be the key to changing the paradigm under the new code. "Mid-rise construction is just part of the picture. Wood pieces and components made from wood will also come into play."

He says decisions will have to be made about how industry suppliers will serve smaller property builders. Will truss fabricators for instance take on supplying other components for the builder, or will they partner with another company who can? He says deciding which course to take will be a challenge.

He said the OWFTA decided at its last annual general meeting to explore these issues. "Many truss fabricators sell other engineered wood products already; some sell lumber and other elements," Phillips said. "From an engineering and wood design perspective then it might not be a big leap to jump into producing other components."

Phillips says the association hopes to have a plan on expanding its scope early in the new year. He says, as with U.S. counterpart Structural Building Components Association, the industry may need to take on a broader mandate to meet changing demands.

The Canadian Wood Truss Association (CWTA) is an umbrella association representing, on a national level, six regional truss industry associations, and the Truss Plate Institute of Canada. Executive secretary Jerry Cvach says the organization works with authorities and other organizations, including the Canadian Wood Council (CWC). "The strength of our industry has always been the regional influences so we represent the industry nationally but work to maintain the regional influences."

CWTA focuses primarily on the industry's engineering goals. "We listen to the regional associations and their issues and concerns, fund research and development and work closely with the CWC to provide solutions."

Some of that research and development is aimed at supporting the industry in moving into more mainstream commercial projects. The industry is looking at designs for commercial applications, investigating whether there are

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barriers that could impact commercial market sales and then will set a course based on the research.

While the national and Ontario associations take stock and evaluate their future direction, other work is coming to fruition. A new BCSI (Building Component Safety Information) document now offers a distinct Canadian perspective. "A Canadian publication, with our codes and measures was long overdue," said Phillips.

In Ontario, the association has also begun awarding scholarships to students attending community college in engineering and architectural programs. Phillips says this is both a means of giving back and a way to encourage students, through direct support, into these disciplines.

Special skills required and the work's seasonal nature can make recruiting from school a challenge unless trade school curricula changes. To cope with labour shortages, particularly that of experienced truss builders, most companies find they have to hire unskilled labour and then train them in the skills they require.

Phillips says the industry is also making progress setting a new standard quality control program which will ensure minimum standards. "Eventually there should be a third-party audit of a quality control program."

While he says mandated programs have often been met with some resistance, in general everyone understands that quality controls level the playing field, ensure a better quality product and support the overall industry.

Previously, different provinces set their own quality control standards, but a more uniform approach is coming into place.

Cvach considers that health and safety could become the association's next project. "Alberta has its own health and safety program with auditors. B.C. is learning from Alberta and Saskatchewan and Manitoba are also coming on board."

Meanwhile, Phillips says the Ontario association has never been stronger. "We have a record number of 37 truss members this year."

While a decline in the U.S. residential market impacted the industry, he says the Ontario residential market stayed strong and companies were able to survive. "We had a late start to the season with a harsh winter last year but work is still going on and companies are working later into the year than normal."

Phillips suggests there is potential that the U.S. market is picking up again and he says this is adding to optimism and an overall feeling that the industry has weathered the latest storm and has emerged stronger than before.

"There are still challenges ahead but we're in a good place and upbeat about the future," he said.

Boise Cascade adapts its wood products to regional market and builder requirements



CaDCR special feature

Operating in the U.S. and Canada, as well as internationally, Boise Cascade has developed a building materials distribution network with a proven track record of providing quality wood products to its customers, including secondary manufacturers, retail lumber dealers and home improvement centres.

Boise Cascade is a leading manufacturer of engineered wood products including laminated veneer lumber, I-joists and laminated beams. It also manufactures plywood, particle-board, and high-quality ponderosa pine lumber.

The company operates the two largest laminated veneer lumber and I-joist manufacturing plants in the world and, through a network of 60 Boise Cascade distributors throughout North America delivers regional product mixes, with on-time delivery and after-sales service.

Pedro Da Silva, national marketing manager for Canada, says Boise is committed to the industry. "We view ourselves as a service provider rather than simply a product provider. This means offering solutions and becoming a strategic partner with our clients."

These include new tools for dealers' software efficiencies. "These solutions are constantly evolving. Our B.C. Connect software is one such solution set to be rolled out in the new year."

Da Silva says Boise is a national player, yet able to tailor its products and services to each regional market's needs. Local markets are distinct and each builder builds differently, he said, so the company combines a regional focus with attention to detail.

Boise sources all of its raw materials from certified sustainable forests. The company also enforces strict environmental and procurement policies and standards.

For more information, visit <http://www.bc.com>.

B.C.'s Wood Innovation and Design Centre demonstrates potential for tall wood structures around the world



Canadian Design and Construction Report Special Feature

British Columbia's Wood Innovation and Design Centre (WIDC) opened in October on time and on budget. The six-storey, 29.5 m. (roughly 90 ft.) high building is one of North America's tallest contemporary wood buildings.

The project in Prince George started as a collaborative effort between 13 B.C. companies including wood sourcing and value-added wood products providers. It is expected to be a catalyst for future tall wood construction across Canada and



around the globe.

The building has been designed to use the maximum amount of wood possible, including a cedar exterior. One hundred per cent of the primary structure, above the foundation, will be comprised of wood. Locally-sourced douglas fir, cedar, pine and spruce will be used in the engineered wood products including glulam columns and beams, cross-laminated timber and laminated veneer lumber, all manufactured in B.C.

"Given that this is such an innovative project, there were a lot of new elements that had never been done before, so we had to be cre-



ative and come up with brand new solutions,” said Chad Kaldal, project manager, PCL Constructors West Coast Inc, which led the building’s construction. “It was a great opportunity for us to really test the boundaries of wood construction.”

The 4,821 sq. m. building includes, among other things, 383 CLT (cross laminated timber) panels and 376 glulam beams and columns. Parallel strand lumber (PSL) and laminated veneer lumber (LVL) has also been incorporated.

The design is also intended to purposely show the innovative structural design, and not cover it up, allowing people to see the wood structure and unique floor slab system as the actual finish. The underside of the cross-laminated timber floor slab system will be exposed wherever possible with the mechanical and electrical infrastructure concealed in the innovative staggered chases within the floor slab.

With many arguments against wood construction focused on fire resistance, a fact document about the WIDC directly addresses this. “Fire resistance is provided through a fully engineered approach, rather than the more common encapsulation method,” the document says.

“This means that, rather than protecting the wood structure from exposure to fire by covering it with non-combustible material, the wood is left exposed.”

The document goes on to explain that mass timber elements char, rather than burn in the presence of flame. “The required structural sections are therefore oversized, and protected by a ‘sacrificial’ layer of wood that will char slowly enough to provide the required fire protection.”

Charred western red panels used as exterior cladding provide similar fire resistance because the centuries-old charring process “changes the molecular structure of the skin of the wood cladding through thermal conditioning of its surface, making it more resistant to flame.”

Michael Green Architecture Inc. designed the structure. Other consultants included: Structural engineer Equilibrium Consulting Inc, code consultant B.R. Thorson Consult-

ing Ltd., and RDH Building Engineering Ltd. taking on the building envelope.

The new provincial government building has been funded in part by the B.C. Ministry of Jobs, Tourism and Skills Training. It will house demonstration spaces to showcase innovative wood products.

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Project Spotlight
The Wood Innovation & Design Centre

Exterior Rendering - Credit: MGA

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Houle Electric is proud to have worked with PCL Constructors Westcoast on the completed integrated electrical system installation for the tallest wooden building in North America.

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EllisDon wins

Vancouver Regional Construction Association award for TRIUMF ARIEL project



CADCR staff writer

The \$23-million ARIEL (Advanced Rare Isotope Laboratory) project combined complex systems integration with novel design features and close project co-ordination with a working nuclear physics laboratory. In recognition for the challenging engineering and construction achievement, EllisDon received the Gold and Silver Award in the “General Contractor \$15 million to \$55 million” category at the recent Vancouver Regional Construction Association’s (VCRA) 26th annual Awards of Excellence.

“The Silver Award winners this year truly represent the finest of our industry,” VCRA president Fiona Famulak said in published report. “These companies were able to bring projects of the highest calibre in on time and on budget, and we are proud to honour them at this year’s event.”

The 31,653 sq. ft. ARIEL facility is part of TRIUMF, Canada’s national laboratory for particle and nuclear physics, on the University of British Columbia’s (UBC) south campus. TRIUMF is one of the world’s leading subatomic physics laboratories, bringing together dedicated physicists and interdisciplinary talent, sophisticated technical resources, and innovative commercial partners.

ARIEL features a state-of-the-art electron linear accelerator employing superconducting radio frequency technology, which will be used to triple TRIUMF’s capabilities for producing beams of rare isotopes and will expand the range of isotopes produced.

These exotic isotopes are used for science, medicine and business, ranging from studying the nature of stars and how complex patterns arise from relatively simple building blocks, to investigate novel isotopes to be used in medical research, including looking for new ways to detect and treat disease like cancer.

It is estimated that ARIEL and TRIUMF will generate an economic impact of \$750 million and create 1,200 jobs over five years.

Isotope production is a highly complex enterprise, involving the accelerator and its associated support infrastructure (like cryogenics), beam transport lines, high-power production targets, and specially-designed civil infrastructure, including concrete walls six (sometimes nine) feet thick, which serve both as a structural element as well as a protective barrier from radiation emitted by the process. Structural steel, metal cladding and curtain wall helped the building blend in on the campus.





The building services are a marvel of complex interconnected subsystems. Mechanical considerations included provisions for venting radioactive gas, stainless steel enclosures, HEPA and carbon dioxide scrubbers to purify the air, and three different sanitary systems. Two distinct electrical systems were required: a high voltage consultant and a low voltage consultant. The integrated systems work together to meet the highly demanding power requirements of each of this new building's elements.

One of the project's challenges involved completing the construction without interfering with ongoing physics and medical research. According to EllisDon, this required close collaboration with TRIUMF to create "a comprehensive and timely schedule of construction completion while avoiding the impediment of the facility's ground-breaking research."

Despite its complexities, the building has been designed to achieve LEED Gold certification. The overall project cost, including specialized equipment, was \$62.0 million with support from the National Research Council Canada (NRC), Canada Foundation for Innovation (CFI), the province of B.C. and partners in India and the U.S.

The Awards of Excellence were presented in October at the Vancouver Convention Centre at a gala which has become a premier industry event. This year, 149 total entrants and 31 projects were considered.

Additional project-related awards were granted in the trade contractor, electrical contractor, mechanical contractor, and manufacturer and supplier categories.

Other awards included Member of the Year, Lifetime Achievement, Education Leadership, Safety, Outstanding Woman in Construction, Innovation and Productivity, Construction Workplace Health & Safety Innovation, and the U40 Excellence in Construction Award.




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Scaffold Industry Association of Canada aims to raise industry's safety standards

Canadian Design and Construction Report staff writer

The Scaffold Industry Association of Canada (SIAC) is a member-driven association with chapters in Ontario, Alberta, Quebec and Eastern Canada. Its members include scaffold contractors, manufacturers, field service installation companies, engineers and general interest members.

The association has about 150 members across Canada. The Ontario chapter represents 80, with a workforce of about 3,000.

One of SIAC's key objectives is to raise the scaffold industry's safety standards, by representing its members in the development of improved standards and regulations and to disseminate information to its members. Since a tragic workplace accident on Christmas Eve 2009, the SIAC has been working closely with the Ministry of Labour and a tri-partite industry working group to prepare a proposed regulation for suspended access equipment.

Jim Wilkinson, SIAC director and government relations committee leader, says the working group has been working hard to define new training standards for users and installers of suspended access equipment as well as comprehensive design and engineering requirements. The Building and Concrete Restoration Association of Ontario has also participated in this process.

"We created a proposal that was sent out to the labour – management network of the construction industry for their comment and input and we expect to complete a consensus proposal to be sent to the Minister of Labour early (this year)," Wilkinson said.

Wilkinson says SIAC created its government relations committee to work on this and other similar issues and to create a more formal relationship with the regulatory authorities.

"We've made recommendations for regulation amendments that will set out requirements for building owners doing restoration work, comprehensive requirements for project planning and user training," he said.

On the engineering side, he says the recommendations clarify many of the requirements for design and testing and outline specific requirements for site-specific engineering.

The only controversial issue he says has been non-destructive testing of welds and equipment components. The Ministry has proposed stringent requirements for testing all welds and serializing components but Wilkinson says industry believes this requirement is impractical and will result in little benefit to the safety of the users of the equipment. The working group proposal recommends a stringent mandatory inspection protocol.

Meanwhile other committees of SIAC are focused on training, suspended access, fixed scaffolding, and continue to work to educate and provide added value for members. "We have a quarterly magazine for members, an annual golf tournament for networking and we try to keep our website updated with important news and information."

The association has also developed guidelines for safe codes of practice and its members share information about new technologies and equipment. SIAC members also participate on technical committees of the Canadian Standards Association.

For more information about SIAC, visit scaffoldaccess.ca.

Safway Services Delivers Safe Access and Industrial Services Across Canada



Ontario Construction Report special feature

Safway Services Canada has built its reputation on delivering innovative, highly efficient access and industrial solutions, while providing the most proactive safety team in the business. The company calls its method *The Smart Way*, saying it leads to safer, more productive work sites.

Environmental Health and Safety (EHS) is the company's number one value. "We believe safety is a basic right, and our first and foremost responsibility is protecting workers. In addition, we owe it to everyone working with, in and around our products and services to maintain and continuously improve our safety performance – setting the standard in our industry," said Steve Wilson, president of Safway Services Canada.



Steve Wilson, president of Safway Services Canada.



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“We have demonstrated an ability to improve productivity and the bottom line, while advancing EHS performance,” Wilson says. “Good safety and increased productivity go hand-in-hand. We track key performance indicators on all of our projects and use this concrete data to continuously improve results – in safety, execution, scheduling and costs. We have found that our most productive sites are also the safest. If we plan for productivity, we perform safely.”

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“I once heard a man I respected describe a crew as being ‘good enough to scaffold inside an egg, and for double time they’d do it with the juice in ‘er,’” says Wilson. “I firmly believe Safway is that crew, and we can safely scaffold, insulate and coat the inside of that egg at the lowest cost to our customers. In short, we are dedicated to nothing less than the delivery of world-class value with world-class execution.”

To learn how Safway Services Canada can strengthen safety and productivity on your next project, please contact them at 866-842-4424 or visit www.safwayservices.com to find the branch closest to you.



Advocacy, training and information for building maintenance contractors and professionals

Canadian Design and Construction Report special feature

The Building and Concrete Restoration Association of Ontario (BCRAO) traces its roots to 1985, when the Concrete Restoration Association of Ontario (CRAO) organized to represent contractors and suppliers. By 1996, the organization was renamed as engineers joined and its scope expanded. Today, BCRAO represents 100 organizations employing about 4,000 workers.

From its beginnings as a source of information, training and technical seminars, BCRAO has grown to take on an instrumental role lobbying government on behalf of members. From the 90s issues of rent control to Bill 124 to the current Ministry of Labour task force into working at heights, the association has been an active participant.

"The 2009 accident that killed four workers Christmas Eve was a pivotal moment and set the stage for a task force that we are proud to be part of and that will be critical to the industry moving forward," said BCRAO president Philip Sarvinis.

Besides its important role lobbying the government about issues affecting its members, Sarvinis says the association also supports members through seminars focused on soft-touch issues including business operations and worker attraction and retention.

"Our industry has definitely been impacted by a demographic of aging artists. As these experienced craftsman retire it is crucial not only that companies attract young people willing to learn, but also that they find ways to keep them by keeping them engaged and appreciated."

Sarvinis says the association is working closely with Humber College to develop a post-graduate certificate program for restoration work which he hopes will be in place by 2016.

He says there also is a critical need for individuals skilled in heritage work. "Only about five percent of our members do this specialized work. It is labour and time intensive and it takes time to build the expertise required."

Continued on page 45





Read Jones Christoffersen (RJC) Ltd. specializes in concrete and building restoration engineering challenges



Canadian Design and Construction Report special feature

Read Jones Christoffersen Ltd. (RJC) has grown from a purely structural engineering firm to one of the leading consultants in the concrete and building restoration industry. Its success is based on an ability to adapt to client needs and an understanding of how structures behave and perform in the Canadian environment.

Beginning in 1948 as a structural engineering firm, the company added parking planning, then concrete restoration and building restoration. It also expanded its operations from its western base to include eastern offices. RJC now operates in Vancouver, Victoria, Nanaimo, Calgary, Edmonton, Lethbridge, Kitchener, Toronto and Kingston and has a growing staff of 475.

Managing principal Philip Sarvinis, PEng., says the company's evolution and history allows it to view each project individually and to seek best approach, rather than implement cookie-cutter solutions. "This approach sets us apart from many others in the industry who have a standard approach to handle a standard problem. We recognize there is nothing standard and apply our experience and expertise to assess the problem from first principles and then find the best and most cost-effective solution for each project."

RJC started its structural restoration group in 1977 to assist clients with deteriorating building stock. "As structural engineers we knew how structures behaved and how they perform structurally when exposed to our environment. Knowing how they are designed, how they behave pre and post deterioration stage, makes us the ideal choice to rehabilitate these structures."

Sarvinis says research and development is a big part of the company's culture and ensures staff is at the top of their game and that the company continues to explore new possibilities and new solutions. "In the 80s we were the first to bring hydro-demolition to Toronto when we worked on the Manulife Centre parking garage. This was a mixed residential and commercial property so restoration work had to be sensitive to the needs of both and traditional methods would have been too disruptive."

The company has also worked on the Terminal 2 parking garage at Pearson International Airport, the CN Tower, the Toronto Convention Centre, Sheraton Centre Hotel, Yorkdale Shopping Centre and Toronto City Hall.

Sarvinis says employee safety is paramount. In-house and off-site training and courses are required before any staff member is allowed on a job site.

Continued on page 45



Continued from page 44

“Not only do we want our employees to be safe on a construction site, we want them to feel comfortable and confident when they are outside of the normal office environment,” he said. “In addition to safety, our company is somewhat unique as we encourage our staff to take ownership for the work they produce and projects they work on. They need to know and understand that they are an important part of a team that is solving our client’s problems.”

Sarvinis says these philosophies have contributed to successful employee retention. He says in the past 10 years not a single staff member has left for a competitor.

RJC specializes in the rehabilitation of cast-in-place concrete, precast concrete and post-tensioned concrete structures and building facades. It has developed a niche in the assessment and rehabilitation of post-tensioned structures and will continue to grow its offices and capabilities as the market demands.

“The future of the concrete restoration is growth and we see ourselves at the forefront of this growth,” he said.

Continued from page 43

Adding to the challenge of skilled labour is a positive: the industry and demand for concrete and building restoration is growing. “We’ve seen tremendous growth over the past two decades that is continuing.”

Sarvinis says demand for association members' services is increasing as building owners and managers gain a better understanding of the financial and safety benefits of maintaining properties for longer term use.

“There is still always a challenge in educating owners on the right way to do things, compared with the cheapest way to do things,” he said. “But owners are becoming better informed.”

He said new start-up companies can operate more cheaply with less overhead but may also have less experience and knowledge and sometimes less interest in worker safety.

BCRAO hosts an annual golf tournament to get members together for networking, as well as an annual general meeting. Many of the association’s members will also attend Concrete World, scheduled for February in Las Vegas. Sarvinis says this event is a strong educational event and provides members a chance to get a first look at new equipment and products.

For more information about BCRAO, visit <http://bcrao.com>.



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CANADA'S ROOFING INDUSTRY

Labour supply, technological change and regulatory challenges spur innovation and higher industry standards

Canadian Design and Construction Report staff writer

Interconnected labour supply issues, technological changes, and regulatory challenges have spurred innovation and adaptation by Canada's industrial, institutional and commercial roofing contractors.

The industry has deep roots. The Ontario Industrial Roofing Contractors Association (OIRCA) celebrated its fiftieth anniversary in 2014 with a renewed commitment to higher and more reliable quality industry standards. Meanwhile, across Canada, the industry has dealt with many challenges from internal and external sources, and is preparing to tackle many more in the coming year.

Canadian Roofing Contractors' Association (CRCA) executive director Bob Brunet says labour has been the biggest challenge. "Skilled labour shortages and demographic forces are reshaping the roofing industry's workforce," he said. "Our workers are getting older and trying to attract the younger generation is a challenge."

While technological improvements are intended to make things easier and improve quality, these have created

challenges for contractors. Brunet says everything from GPS technology to BIM (Building Information Modelling) to modularization of roofing components "has and will continue to impact our contractors."

Looking ahead to 2015, Brunet says roofing contractors will be further challenged, in some cases with the fundamentals of how they do business. "I believe we're going to see that the evolving payment terms will cause serious risk and cash-flow problems, not only for the roofing industry, but all of the construction industry," he said.

In addition, increased competition, and not only from outside of Canada, is a concern. "Our industry has to be aware of inter-provincial competition as well. Workers will continue to be mobile and relocate where the work is and in Canada the hot spots are mainly in British Columbia, Alberta, Saskatchewan, parts of Ontario and Newfoundland."

Brunet says labour supply will continue to be an issue until a basic mindset change occurs. He says construction careers are still seen as a second or third choice to the younger generation. This is unfortunate because the perception is incorrect.

"Anyone opting for a trade career can look forward to a challenging career with excellent opportunities for advancement," he said. "Students entering a career in the trade sector will usually enter the workplace with much less debt than if he or she was coming out of university."

He says it is important for people to understand that roofing has become more complex and requires a different skill set than in the past with less reliance on physical work and more on mental efforts.

"Workers must be skilled in areas such as quality assurance when working with single ply technologies," he said. "Continuous training and development of our employees and allowing them to grow and progress within the industry will be a key for our industry."

He says there is potential help through the federal government's Canada Job Grant. Brunet says the program, administered by each province, helps employers train new or existing employees for jobs that need to be filled.

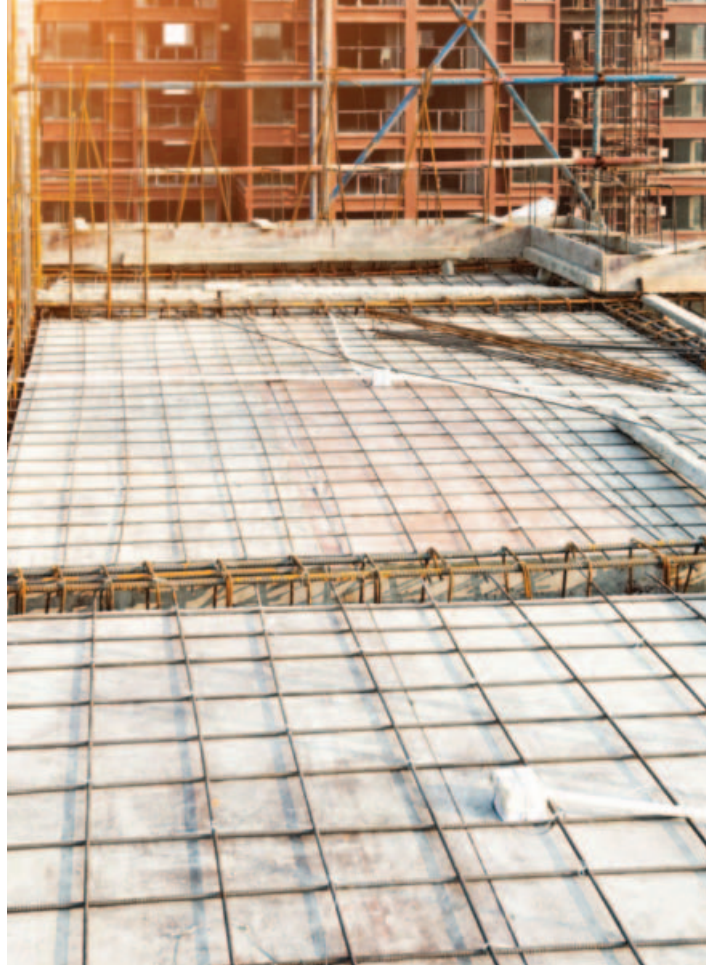
In addition to essential labour and continued training, there is also concern about the aging demographic of business owners who, nearing retirement, must define and plan their exit strategies.

He says CRCA will continue to work with industry partners including the Canadian Construction Association and the National Trade Contractors Coalition of Canada to monitor and react to labour issues.

ROOFTech, the biennial Canadian Roofing Exposition, has been scheduled for May 5, 2015 at the Vancouver Convention Centre. Brunet says the show has had huge success with its concept of seminars and live demonstrations during the trade show and the concept remains for this year.

"We are in the process of finalizing the seminars and at least one of them will have a Western flair to it." He says the last ROOFTech offered continuous education credits to many professionals attending the seminars. The hope is to expand the group of professionals who will qualify for credits at ROOFTech 2015.

Brunet says he anticipates VOCs, hazardous product



regulations, occupancy safety and sustainable and green building rating systems will be increasingly important challenges.

"On a national basis the number one priority in the workplace is worker safety and it will continue to be. Along with that, occupancy safety is also becoming very important when you are doing work on a building that is occupied."

For more information on CRCA, visit www.roofingcanada.com.

To find out about ROOFTech, visit www.rooftech.ca.

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EIFS

Exterior Insulation and Finish Systems (EIFS) in 2014

“The stars align for EIFS”



*Special to the Canadian Design and Construction Report
Submitted by the EIFS Council of Canada*

In the not too distant past, the term “EIFS” (pronounced eefs), was understood by certain sectors of the design community to mean a ‘*lower cost cladding*’ (emphasis added) which effectively minimized the many building science advantages that EIFS provided. EIFS was no longer the acronym for *Exterior Insulation and Finish System*, but a label, a word having its own definition quite unlike the initialized words it represents. Today, the EIFS Council of Canada would like the designer and user communities to revisit EIFS, and in doing so, redefine their perceptions to fit with current technology and understandings.

Historically, EIFS have been used on all building types, from small to very large and in a variety of architectural styles. This led to EIFS being best known for its design flexibility. Unfortunately, the flexibility that was meant to

be exclusively available to the aesthetic, was extended to functional design features and limitations, as well as to application canon that had preserved EIFS performance for its first 25 years of use in North America.

The result was what came to be known as the EIFS water intrusion crisis. The various contributory factors have been explored, dissected, examined and debated over innumerable papers and articles and won’t be unpacked here. The bottom line was EIFS needed to change, and it has. Although much has changed, foundationally, EIFS remains an *Exterior Insulation and Finish System*, with the greatest emphasis deservedly placed on its insulating nature.

Coming into 2015, expectations on enclosure systems are very high. The EIFS industry has done its homework to ready itself to meet these expectations and surprisingly to some, surpass many performance characteristics of alternative exterior insulating strategies.

EIFS and its components

Exterior

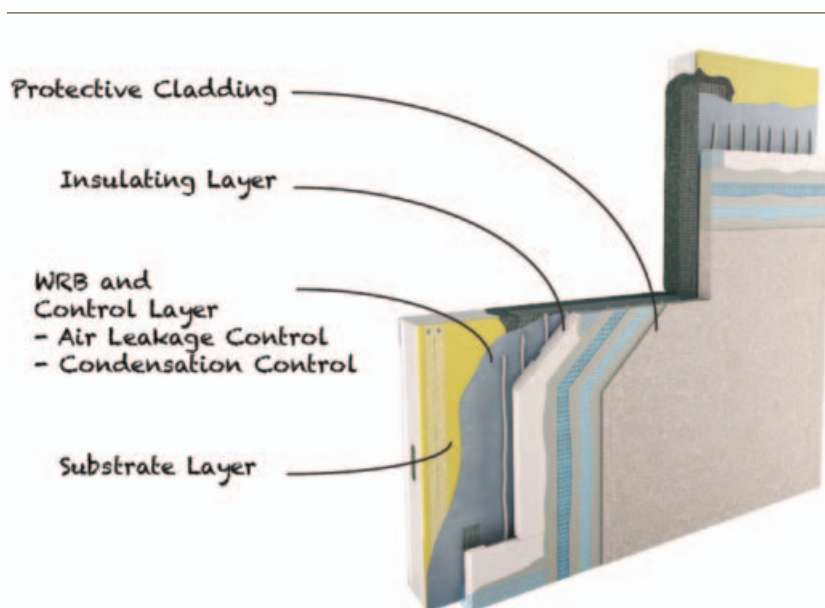
Beyond EIFS' continuous insulation on the outside of exterior walls, the *System* aspect of EIFS places other key components on the exterior side of the wall. The *System's* required Water Resistive Barrier (WRB) has the primary function of protecting the underlying structure. However, it can also act as the control layer capable of managing wall system behaviors such as air leakage and vapour diffusion.

Today, all EIFS designed in compliance with the newly codifiedⁱ S716 series of ULC Standards must include the WRB (water resistive barrier). The required performance characteristics of the WRB are very stringent and in comparison to traditional building papers, having a water absorption coefficient that is established over three daysⁱⁱ as opposed to paper's old 30 to 60 minute rating system.

The WRB is able to provide effective air leakage control as a key component of the wall's air barrier system. All EIFS manufacturer's Liquid Applied WRBs reviewed have a tested air leakage rate of less than the code's required 0.02L/(sq. m.) @75Pa pressure differenceⁱⁱⁱ. They're also available in a range of vapour permeance ratings, affording the designer the ability to balance WRB permeability and wall system characteristics, with the building's interior moisture load and the external environment.

Having these two key control layers on the same plane within the wall is desirable for a variety of reasons, simplification of construction being just one. The location being both external and protected, renders the approach ideal. Conceptually, and of course figuratively speaking, Dr. Joseph W. Lstiburek describes this arrangement, along with a protective cladding and exterior insulation as comprising the "Perfect Wall."^{iv}

Figure 1. Exterior Layers



Insulation

The exterior insulation of EIFS has been part of the system's make-up since its inception. Always touted by its proponents as having greater effective R-value than many alternative approaches, the degree of difference and validation of that difference has only recently found its way into accessible documentation such as ASHRAE's 90.1 Energy Standard for Buildings Except Low-Rise Residential Buildings. Further to what can be drawn from 90.1's continuous insulation and the effective R-value of a between the stud approach are the effects of "thermal bridges" located elsewhere in the exterior wall.

While suspected for years by the building science community and academia as necessarily impacting effective R-value^v, the actual impact hadn't found its way into the public domain. That changed with the publication of B.C. Hydro's "Building Envelope Thermal Bridging Guide." Prepared by Morrison Hershfield, the exceptional and extensive research shows that some exterior insulation strategies can experience as much as a 50 per cent reduction in their reported clear wall R-value^{vi}.

While not immune to thermal bridging (at locations such as windows), EIFS requires minimal accommodation to significantly reduce their impact and preserve the systems' continuous insulation value. EIFS' cost effectiveness and the degree to which it effectively preserves energy, can free up monies to enhance and improve other envelope features such as thermally broken parapets and balconies^{vii}. Cost savings can also be applied to investments in higher efficiency heating and cooling systems.

Finish

The array of finish options has grown considerably in recent years, to the point where EIFS can mimic any number of alternative cladding looks. However, some technological improvements may not be as readily apparent, at least not until the building has been in service for a number of years. EIFS manufacturers have made improvements in finish performance relating to colour-fastness and dirt pick-up resistance.

While not exclusive to the EIFS industry, the use of non-organic colour-fast pigments as found in automotive paints and other high performance coatings have been adopted into a number of available finish options. Described by one proponent as Plus Finishes, Nano-chemistry and other technologies have been harnessed by a number of EIFS finish producers to provide extended colour fastness and a cleaner exterior. Beyond the cosmetic, some finishes possess IR (insulation resistance) reflective technology with the ability of cooling exterior wall temperatures and reducing cooling costs.



System

If all that is described above is to ultimately be realized, the system nature of EIFS cannot be ignored. This should not be applied solely to the proprietary nature of a manufacturer's system offering. EIFS use also benefits from a systematic approach, and so can the building as a whole. When considering EIFS, it is both important and practical to think of the *Exterior Insulation and Finish System*, the balance of the exterior structure and the building's use as having a relationship. Like any relationship, it's best to think ahead and consider how the behaviour of one member of the group may affect another. In other words, take a holistic approach. While the benefits of this model extend to any functional element of a building's make-up, the inherent and adaptable functions of EIFS can and have sometimes been overlooked.

To aid in this approach, the EIFS Council of Canada has developed and published the *EIFS Practice Manual*. It provides easy to adopt design and use considerations that can be applied to all building and project types, be it new or retrofit construction.

The systematic approach can also be applied to the installation itself. The EIFS Quality Assurance Program was developed by the EIFS Council of Canada (ECC) and enrolls all key EIFS delivery stakeholders into a system of Quality Assurance. The program is not a come one, come all enrolment, but requires demonstration of knowledge, experience and quality system adoption by EIFS mechanics, EIFS manufacturers and their representatives. Supported

by certified, independent auditors and third-party insurers, the program is comprehensive and fits in very well with the holistic approach to project delivery.

Exterior Insulation and Finish Systems in 2015

EIFS today is not the same as the EIFS of the 90's. The industry has moved well beyond the provision of an economical cladding, and is positioning itself to be the ideal twenty-first century choice, by delivering a durable and environmentally responsible enclosure strategy.

John M. Garbin, President/CEO of the EIFS Council of Canada, can be reached at jgarbin@eifscouncil.org. Comprehensive resources are available at the eifscouncil.org website.

- i 2012 Ontario Building Code Sentence 5.10.3.1.(1) and Subsection 9.27.13.
- ii CAN/ULC-S716.1-12 ANNEX B - WATER ABSORPTION COEFFICIENT OF THE LA-WRB
- iii 2010 National Building Code of Canada - Sentence 5.4.1.2.(1)
- iv Building Science Insights BSI-001: "The Perfect Wall" By Joseph Lstiburek - 2008/05/20
- v "How to Arrive at the True Value Propositions of EIFS " pg.1, by: Ted Kesik, Ph.D., PEng.
- vi The Building Envelope Thermal Bridging Guide – Overview Presentation, Slide 33, October 16, 2014
- vii The Building Envelope Thermal Bridging Guide – Part 3 Significance, Insights and Next Steps, Section 3.2.3 "Architecture"

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Canamould Extrusions Inc. manufactures pre-coated architectural foam shapes. The company's wide range of products are time-saving, cost-effective and durable, and support growing design possibilities within the EIFS industry.

General manager Bruno Aletto says that for almost two decades Canamould Extrusions Inc. has worked with architects, builders, contractors and homeowners to add three-dimensional bling to EIFS cladding and interior projects. "We are an integral part of the EIFS system, adding the detailing and design elements architects and building owners want."

Aletto notes that the CANAMOULD™ products are tested and proven to meet industry standards and that a detailed technical guide ensures architects and builders understand the potential of the pre-coated foam shapes and how they must be installed.

"We're working now with Canadian manufacturers of EIFS to set a joint venture for product quality assurance but it is also important that our products are installed at the right stage in the construction process," he says.

With the new national building code for 2015 giving a push to the EIFS industry, Aletto says the company is prepared to meet the increased demand. "Full customization is one of our fortes," he says. "We pride ourselves on quick turnaround and being able to get samples and product to architects within a short period of time."

He says the CANAMOULD™ pre-coated foam shapes open up the process of designing with EIFS, something architects, builders and he understand so well.

Canamould Extrusions Inc. works with the industry and studies market trends, investing in new designs and products to meet demands. Other products include the TRIMROC™ Interior Plaster Mouldings line that replaces the look and feel of plaster with a durable, seamless and lighter weight alternative, which is quick and easy to install.

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ALBERTA

Centennial Park - Phase 1 PR269553
Various Locations
HIGH LEVEL, AB CAN
AB(DIVISION 17)
201300545744 v11
Action stage: Bid Results
Bid date: 06/25/2013 @ 03:00 PM MDT
Valuation: H (1M to <3M)
Project delivery system: Design-Bid-Build
Owner type: Private
Project Overview
Project type: Paving, Site Development, Landscaping, Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 06/07/2013
Prior publish date: 09/30/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending owner's decision to proceed - Bid June 25
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Private)
Consultant: MERX
Customer Support
38 Antares Drive Ottawa, ON K2E 7V2
Phone: 613-727-4900 Fax: 888-235-5800
E-mail: merx@merx.com, http://www.merx.com
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
Engineer: Urban Systems Ltd.
Jennifer Jones
10345 - 105 Street Suite 200 EDMONTON, AB T5J 1E8
Phone: 780-430-4041 Fax: 780-435-3538
E-mail: edmonton@urban-systems.com, http://www.urban-systems.com/edmonton.htm
Internet Addr : http://www.urban-systems.com/edmonton.htm
Owner (Private): Town of High Level
Simone Wiley
(Director of Develop
Box 485 HIGH LEVEL, AB TOH-1Z0
Phone: 780-821-4015 Fax: 780-926-2899
E-mail: swiley@highlevel.ca, http://www.highlevel.ca
Email ID : swiley@highlevel.ca Internet Addr : http://www.highlevel.ca
Notes: DEWB86 Registration to MERX Agencies, Crown and Private Corporations << https://www.merx.com>> is required. You must be listed on the MERX Detailed Tracking Report (DTR) to Bid this project
Bonds: 10% Bid Bond, 50% Performance Bond, 50% Payment Bond.
Plans available from: Owner (Private) - US\$ 50 deposit. Non Refundable
Additional features: The Owner invites Tenders for construction of a park of approximately 2 ha, which in general terms, will consist of the following works:- Water and Sewer Service - Removals & Disposals - Roads and Paths (Asphalt and Concrete) - Grassed Swale - Shallow utilities including site lighting - Relocation of Sand Volleyball Court - Concrete Straight Face Curb and Gutter - Precast Block Wall - Site Furniture - Trees, Shrubs and Ground Covers - Seed, Sod, Mulch - Maintenance

42nd Street Road Rebuild - NWP Road Construction T128
42nd Street
INNISFAIL, AB CAN
AB(DIVISION 08)
201400449435 v6

Action stage: Bid Results
Bid date: 03/20/2014 @ 02:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 04/01/2014
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 03/03/2014
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid March 20
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Engineer
Consultant: Alberta Purchasing Connection
P.O. Box 1333 EDMONTON, AB T5J 2N2
Phone: 780-644-5726
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca
Engineer: Tagish Engineering Ltd.
Jared Payot
G4, 5550 - 45 Street RED DEER, AB T4N 1L1
Phone: 403-346-7710 Fax: 403-341-4909
E-mail: j.payot@tagish-engineering.com
Owner (Public): Town of Innisfail
Reception
(Reception
4943 - 53 Street INNISFAIL, AB T4G 1A1
Phone: 403-227-3376 Fax: 403-227-4045
E-mail: townhall@telusplanet.net, http://www.innisfail.ca/
Email ID : townhall@telusplanet.net
Notes: DEWB82
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: 42nd Street Road Rebuild & NWP Road Construction

2013 Road Crack Repair
Site Not Specified
WAINWRIGHT, AB CAN
AB(DIVISION 07)
201300520462 v10
Action stage: Bid Results
Bid date: 05/24/2013 @ 10:00 AM MDT
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 05/13/2013
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending owner's decision to proceed - Bid May 24
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Consultant: Alberta Purchasing Connection
P.O. Box 1333 EDMONTON, AB T5J 2N2
Phone: 780-644-5726
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca
Engineer: Municipal District of Wainwright #61
Mark Greibrok
717 14th Avenue WAINWRIGHT, AB T9W 1B3

Phone: 780-842-4024 Fax: 780-842-2463
E-mail: transportation@mdwainwright.ca
Email ID : transportation@mdwainwright.ca
Owner (Public): Municipal District of Wainwright #61
Mark Greibrok
717 14th Avenue WAINWRIGHT, AB T9W 1B3
Phone: 780-842-4024 Fax: 780-842-2463
E-mail: transportation@mdwainwright.ca
Email ID : transportation@mdwainwright.ca
Notes: DEWB82
Plans available from: Consultant
Additional features: The Municipal District of Wainwright No. 61 invites prices for repair of approximately 24,700 metres of road cracks.

2013 Sidewalk Rehabilitation P413407
Site Not Specified
ST. ALBERT, AB CAN
AB(DIVISION 11)
201300472535 v9
Action stage: Bid Results
Bid date: 04/16/2013 @ 02:00 PM MDT
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build
Target start date: 05/01/2013
Owner type: Local Government
Project Overview
Project type: Sidewalk/Parking Lot.
Report type: Project
Sub project count: 0
First publish date: 03/26/2013
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - further action pending Owner's decision to Proceed - Bids April 16
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Consultant: Alberta Purchasing Connection
P.O. Box 1333 EDMONTON, AB T5J 2N2
Phone: 780-644-5726
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca
Engineer: City of St Albert
Bob Stephen
(C E T
5 St Anne Street St Albert, AB T8N 3Z9
Phone: 780-459-1557
http://www.stalbert.ca/
on line email form
Owner (Public): City of St Albert
Bob Stephen
(C E T
5 St Anne Street St Albert, AB T8N 3Z9
Phone: 780-459-1557
http://www.stalbert.ca/
on line email form
Notes: DEWB82
Bonds: 10% Bid Bond. Bid bond/Certified cheque
Plans available from: Owner (Public)
Additional features: 2013 Sidewalk - Remove & Dispose of approximately 450 metres of monolithic sidewalk - Supply & Install approximately 450 metres of curb & gutter and 1.2m wide sidewalk - Remove& Replace or Supply & Install Pararamps where required (approximately 25 square metres) - Supply & Install Sidewalk Extension to Signal Pole (approximately 65 square metres)

Achieve Wellness Centre Interior Renovation
1257355
206-112 Riverstone Ridge
FORT MCMURRAY, AB T9K 1S6 CAN
AB(DIVISION 16)

201300693747 v10
Action stage: Bid Results
Bid date: 12/19/2013 @ 02:00 PM MST
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: Private
Project Overview
Project type: Hospital.
Report type: Project
Sub project count: 0
First publish date: 12/13/2013
Prior publish date: 10/01/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations, Interiors
Status: Bids in and Under review - Further action pending on Owner's decision to proceed - Bid December 19
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Architect
Architect: Wolski Design Group Ltd.
Natalie Lima
(Designer
#200, 10132 - 105 Street Edmonton, AB T5J 1C9
Phone: 780-423-1811 Fax: 780-425-1988
E-mail: nataliel@wolskidesign.com
Electrical Engineer: Vital Engineering Corporation
#223, 52 Sioux Road Sherwood Park, AB T8A 4X1
Phone: 780-416-8336 Fax: 780-416-8620
E-mail: office@vitaleng.ca, http://www.conserv.ca/
Email ID : dgreen@vitaleng.ca
Mechanical Engineer: Hammerschlag & Joffe Inc
69 Lesmill Road suite 100 Don Mills, ON M3B 2T8
Phone: 416-444-9263 Fax: 416-444-1463
http://www.hamjof.com/
Owner-Builder/Developer(Private):
Melcor Developments Ltd
Daniel Eggert
(Development Mgr
900 - 10310 Jasper Avenue EDMONTON, AB T5J 1Y8
Phone: 780-423-6931 Fax: 780-426-1796
E-mail: info@melcor.ca, http://www.melcor.ca/
Internet Addr : http://www.melcor.ca/
Notes: DEWB82
Plans available from: Owner-Bldr/Dev (Pr)
Additional features: General Construction located at Stoneycreek Village, Bldg. 2, Suite 28 & 29 Confederation Way & Prospect Dr, Fort McMurray, AB
6th Avenue Subdivision Servicing - Road Works 144-14-54

ATLANTIC
Airforce Crescent Reconstruction 13014
Airforce Crescent
MIRAMICHI, NB CAN
NB(NORTHUMBERLAND)
201300501202 v9
Action stage: Bid Results
Bid date: 05/07/2013 @ 11:00 AM ADT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 06/01/2013
Owner type: Local Government
Project Overview
Project type: Paving, Site Development, Landscaping, Storm Sewer, Water Line.
Report type: Project
Sub project count: 0
First publish date: 04/23/2013
Prior publish date: 10/01/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and Under review - Further action pending on Owner's decision to proceed - Bid May 7

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum

McGraw Hill CONSTRUCTION Dodge

E-mail: mcgraw-hill@merx.com Web: www.construction.com

Dodge upcoming project reports

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Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Miramichi
Rhonda Haining
(Administration)
141 Henry Street MIRAMICHI, NB E1V 2N5
Phone:506-623-2208 Fax:506-623-2201
E-mail: melanie.parker@miramichi.org,
http://www.miramichi.org/en/
Owner (Public): City of Miramichi
Cathy Goguen
(Administration)
141 Henry Street MIRAMICHI, NB E1V 2N5
Phone:506-623-2208 Fax:506-623-2201
E-mail: melanie.parker@miramichi.org,
http://www.miramichi.org/en/
Notes: DEWB86
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
Plans available from: Owner (Public) - US\$ 75 deposit. Non - Refundable
Additional features: Work includes Grading and Paving - Paving - Curb & Gutter - CONCRETE WORK - EXCAVATING AND EARTHMOVING WORK - HIGHWAYS, ROADS, RAILWAYS, AIRFIELD RUNWAYS - SEWERAGE/DRAINAGE - WATER PLUMBING AND DRAIN LAYING WORK - PIPE AND CONDUIT - NONMETALLIC

*Bennett Bigelow Interior - Exterior Upgrade Ph 2
04112013
62 York St
SACKVILLE, NB E4L 1E2 CAN
NB(WESTMORLAND)
201300475610 v11
Action stage: Bid Results
Bid date: 04/11/2013 @ 04:00 PM ADT
Valuation: C (200K to <300K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: State
Project Overview
Project type: College/University.
Report type: Project
Sub project count: 0
First publish date: 03/28/2013
Prior publish date: 10/01/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and Under review - Further action pending on Owner's decision to proceed - Bid April 11
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Mount Allison University
Ruth Terrio
(Administration)
65 York Street SACKVILLE, NB E4L 1E4
Phone:506-364-2295 Fax:506-364-2216
E-mail: rterrio@mta.ca
Owner (Public): Mount Allison University
Ruth Terrio
(Administration)
65 York Street SACKVILLE, NB E4L 1E4
Phone:506-364-2295 Fax:506-364-2216
E-mail: rterrio@mta.ca
Notes: DEWB86 - Documents for this project will not appear in the McGraw-Hill Construction Network - The list of Prospective bidders is not available from regular sources - If you are GC bidding on this project please call -1-888-836-6623
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)

Additional features: Benn-13-01 - Bennett Bigelow Interior/Exterior Upgrades Phase IIMount Allison University, Sackville, NB

4 Military Housing Units (Reno) 258946
9 Wing Gander
GANDER, NF A1V 1X1 CAN
NF(DIVISION 06)
201200697570 v14
Action stage: Bid Results
Bid date: 01/10/2013 @ 02:00 PM AST
Valuation: \$500,820
Project delivery system: Design-Bid-Build
Target start date: 09/01/2014
Owner type: Military
Project Overview
Project type: Dormitory.
Report type: Project
Sub project count: 0
First publish date: 12/18/2012
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Contract Award not yet declared - Further action pending owner's decision to proceed - Bid January 10
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)
Architect: c/o OwnerDefense Construction Canada
David Rowsell
(Administration)
125 Washington Ave 9 Wing/Canadian Forces Base GANDER, NF A1V 1X1
Phone:709-256-1703 Ext:1162
E-mail: David.Rowsell@dcc-cdc.gc.ca Email ID : David.Rowsell@dcc-cdc.gc.ca
Consultant: MERX
Customer Support
38 Antares Drive Ottawa, ON K2E 7V2
Phone:613-727-4900 Fax:888-235-5800
E-mail: merx@merx.com, http://www.merx.com
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
Owner (Public): Defense Construction Canada
David Rowsell
(Administration)
125 Washington Ave 9 Wing/Canadian Forces Base GANDER, NF A1V 1X1
Phone:709-256-1703 Ext:1162
E-mail: David.Rowsell@dcc-cdc.gc.ca Email ID : David.Rowsell@dcc-cdc.gc.ca
Owner's Agent (Public): Newfoundland & Labrador Construction Association
Bid Depository
(Plans & Specs)
33 Pippy Place Suite 201 ST JOHN'S, NF A1B 3X2
Phone:709-753-8920 Fax:709-570-5478
E-mail: info@nlca.ca, http://www.nlca.ca
Notes: DEWB82 Site Meeting December 20 at 10:30 AM (NST) at CFHA Board Room, 9 Wing Gander, Newfoundland & Labrador
Plans available from: Consultant
Addenda receive date: EC/2-27-D
Construction Document Links: 4 Military Housing Units (Reno)
Plans/Specs
Additional features: Interior and Exterior Renovation to 4 Military Housing Units - Work includes but not limited to - Demolition and Removal - Siding - Windows - Doors - Facia - Soffit - Patios - Patio Doors - Carpentry - Electrical

Centennial Park Retaining Walls W12N11DN
Centennial Park
MONCTON, NB CAN

NB(WESTMORLAND)
201400506447 v7
Action stage: Bid Results
Bid date: 05/09/2014 @ 11:00 AM ADT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 11/01/2014
Owner type: Local Government
Project Overview
Project type: Site Development.
Report type: Project
Sub project count: 0
First publish date: 04/25/2014
Prior publish date: 09/30/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bid result not yet declared - Further action pending owner's decision to proceed - Bid May 9
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Moncton
Maria Knowles
(Engineer Dept.
655 Main Street 4th Floor MONCTON, NB E1C 1E8
Phone:506-853-3475 Fax:506-853-3543
E-mail: info@moncton.org,
http://www.moncton.org/
Owner (Public): City of Moncton
Maria Knowles
(Engineer Dept.
655 Main Street 4th Floor MONCTON, NB E1C 1E8
Phone:506-853-3475 Fax:506-853-3543
E-mail: info@moncton.org,
http://www.moncton.org/
Notes: DEWB86 Mandatory pre-bid site meeting on May 1 at 1:30p.m (ADT) at 85 Centennial Park Road - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Bonds: 10% Bid Bond.
Plans available from: Engineer
Additional features: Centennial Park Retaining Walls

2014 Water Main Sliplining - Signal Hill
Signal Hill
ST. JOHN'S, NF CAN
NF(DIVISION 01)
201400558613 v6
Action stage: Bid Results
Bid date: 06/25/2014 @ 03:00 PM ADT
Valuation: C (200K to <300K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: Local Government
Project Overview
Project type: Water Line.
Report type: Project
Sub project count: 0
First publish date: 06/17/2014
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Award expected in 30-60 days - Bid June 25
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of St. John's
Director of Corporate Services
10 New Gower Street P.O. Box 908 ST JOHN'S NF A1C 5M2
Phone:709-576-8600 Fax:709-576-8474

E-mail: accessstjohns@stjohns.ca,
http://www.stjohns.ca/tenders
Owner (Public): City of St. John's
Director of Corporate Services
10 New Gower Street P.O. Box 908 ST JOHN'S NF A1C 5M2
Phone:709-576-8600 Fax:709-576-8474
E-mail: accessstjohns@stjohns.ca,
http://www.stjohns.ca/tenders
Notes: DEWB82 The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public) - US\$ 28 deposit.
Additional features: Water Main Sliplining ? Signal Hill
Church Street Storm Sewer Renewal T1318

BRITISH COLUMBIA

Water Main Relocation ENG201307
2185 Voght Street
MERRITT, BC CAN
BC (THOMPSON-NICOLA)
201300472670 v9
Action stage: Bid Results
Bid date: 04/19/2013 @ 04:00 PM PDT
Valuation: H (1M to <3M)
Project delivery system: Design-Bid-Build
Target start date: 10/01/2014
Owner type: Local Government
Project Overview
Project type: Water Line.
Report type: Project
Sub project count: 0
First publish date: 03/26/2013
Prior publish date: 09/29/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owner's decision to proceed - Bids to Owner April 19
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: CTQ Consultants Ltd.
Brock Nanson, P. Eng.
(Project Manager)
101-1285 Dalhousie Drive Suite 500 KAMLOOPS BC V2C 5Z5
Phone:250-372-9212 Fax:250-372-9213
E-mail: bnanson@ctqconsultants.ca,
http://www.ctqconsultants.ca/
Internet Addr : http://www.ctqconsultants.ca/
Owner (Public): City of Merritt
Deanne Paries
(Ec. Dev. Off.
Box 189 - 2185 Voght Street Merritt BC V1K 1B8
Phone:250-378-3923 Fax:250-378-3924
E-mail: info@merritt.ca,
http://www.merritt.ca/employment
Notes: DEWB82
Plans available from: Engineer
Additional features: 300MM Watermain relocation - Relocation of approximately 240 L.m. of 300mm PVC water main and Appurtenances - Construction of approximately 200 L.m. of road sub-grade and related drainage extensions.

ITEM: Standby Generators Preventative Maintenance (IQC) 12204120141676
Various Locations
ABBOTSFORD, BC CAN
BC(FRASER VALLEY)
201400690158 v2
Action stage: Bidding
Bid date: 11/19/2014 @ 04:30 PM PST
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum

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Target start date: 12/01/2014
 Owner type: Local Government
 Project Overview
 Project type: Office.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 11/03/2014
 Prior publish date: 11/03/2014
 Publisher: McGraw-Hill Construction Dodge
 Type of Item: ALTERATION.
 Item Code: Elec Work. Emergency Generating&Ltg Sys. Generators-Elec.
 Item Category: ELECTRICAL. ELECTRICAL. ELECTRICAL.
 Status: Bid date extended from November 14 - Bids to Owner November 19 at 4:30 PM (PST)
 Status project delivery system: Design-Bid-Build
 Publish date: 11/17/2014
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: City of Abbotsford
 Paula Struthers
 32315 South Fraser Way ABBOTSFORD BC V2T 1W7
 Phone:604-853-2281 Fax:604-853-1934
 E-mail: purchasing@abbotsford.ca, http://www.abbotsford.ca
 Company Name : City of Abbotsford Email ID : purchasing@abbotsford.ca Internet Addr : http://www.abbotsford.ca
 Owner (Public): City of Abbotsford
 Paula Struthers
 32315 South Fraser Way ABBOTSFORD BC V2T 1W7
 Phone:604-853-2281 Fax:604-853-1934
 E-mail: purchasing@abbotsford.ca, http://www.abbotsford.ca
 Company Name : City of Abbotsford Email ID : purchasing@abbotsford.ca Internet Addr : http://www.abbotsford.ca
 Notes: DEWB86
 Plans available from: Owner (Public)
 Items: Preventative maintenance servicing and minor repairs of the City's generators. The Services are to include all parts, labour, materials, equipment, tools, transportation, shipping, travel time, sample analysis and overhead required to service and maintain the generators in good working order

4 Street SE Sanitary - Watermain Replacement ENG201332
 4 Street SE
 SALMON ARM, BC CAN
 BC(COLUMBIA-SHUSWAP)
 201400444593 v9
 Action stage: Bid Results
 Bid date: 03/11/2014 @ 02:00 PM PDT
 Valuation: F (500K to <750K)
 Project delivery system: Design-Bid-Build
 Target start date: 09/01/2014
 Owner type: Local Government
 Project Overview
 Project type: Paving. Sanitary Sewer. Water Line.
 Report type: Project
 Sub project count: 0
 First publish date: 02/25/2014
 Prior publish date: 10/02/2014
 Publisher: McGraw-Hill Construction Dodge
 Type of Work: Alterations
 Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid March 11
 Status project delivery system: Design-Bid-Build
 Publish date: 11/17/2014
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Onsite Engineering Ltd.
 Blake Lawson

P.O. Box 2079, 330 42nd St SW SALMON ARM BC V1E 4R1
 Phone:250-832-3366 Ext:202 Fax:866-235-6943
 E-mail: blawson@onsite-eng.ca, http://www.onsite-engineering.ca/
 Internet Addr : http://www.onsite-engineering.ca/
 Owner (Public): City of Salmon Arm
 Jennifer Wilson
 (P.Eng
 500 - 2nd. Avenue N.E. Salmon Arm, BC V1E 4N2
 Phone:250-803-4018 Fax:250-803-4041
 E-mail: jwilson@salmonarm.ca, http://www.salmonarm.ca/
 Internet Addr : http://www.salmonarm.ca/
 Notes: DEWB82 - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
 Bonds: 10% Bid Bond.
 Plans available from: Owner (Public)
 - USS 50 deposit. non refundable
 Additional features: The City of Salmon Arm is inviting tenders for 4th Street SE Sanitary and Water main Replacement, with the combined major works including the supply & installation of approximately:200 lineal metres of 200mm diameter PVC watermain and appurtenances21 - 19mm diameter water services310 lineal metres of 200mm diameter PVC Sanitary main and appurtenances19 ? 100mm diameter sewer servicesSupply & Install 400mm of 75mm WGB Sub-Base Aggregate and 75mm of 25mm WGB Base Aggregate throughout disturbed roadwaySupply & Install 2000 square meters of asphalt pavement (OPTIONAL)

ITEM: Elevator Upgrade (GF Strong Rehabilitation Center) 20133014
 4255 Laurel St,
 VANCOUVER, BC V5Z 2G9 CAN
 BC(GREATER VANCOUVER)
 201400687771 v2
 Action stage: Bidding
 Bid date: 11/19/2014 @ 03:00 PM PST
 Valuation: C (200K to <300K)
 Project delivery system: Design-Bid-Build
 Owner type: Local Government
 Project Overview
 Project type: Nursing/Convalescent Center.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 10/30/2014
 Prior publish date: 10/30/2014
 Publisher: McGraw-Hill Construction Dodge
 Type of Item: ALTERATION.
 Item Code: Elec Work. Elevator Maint. Mechanical Work.
 Item Category: ELECTRICAL.
 ELEVATORS/MOV STAIRS. PLUMBING/FIRE PROTECTION.
 Status: Owner seeking request for Qualification by November 19 at 3:00 PM (PST)
 Status project delivery system: Design-Bid-Build
 Publish date: 11/17/2014
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Vancouver Coastal Health Authority
 Lew Shrubsole
 (Procurement Coord
 400-13450 102nd Ave (11th Floor) SURREY BC V3T 0H1
 Phone:604-875-4079 Fax:604-587-4428
 E-mail: Lew.Shrubsole@fraserhealth.ca, http://www.vch.ca/
 Company Name : Vancouver Coastal Health Authority Email ID : Lew.Shrubsole@fraserhealth.ca Internet Addr : http://www.vch.ca/
 Owner (Public): Vancouver Coastal Health Authority
 Lew Shrubsole
 (Procurement Coord

400-13450 102nd Ave (11th Floor) SURREY BC V3T 0H1
 Phone:604-875-4079 Fax:604-587-4428
 E-mail: Lew.Shrubsole@fraserhealth.ca, http://www.vch.ca/
 Company Name : Vancouver Coastal Health Authority Email ID : Lew.Shrubsole@fraserhealth.ca Internet Addr : http://www.vch.ca/
 Notes: DEWB30 Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the McGraw-Hill Construction Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
 Plans available from: Owner (Public)
 Items: Elevator Contractors for Elevator Upgrade

Project at GF Strong Rehabilitation Center
 39th Avenue Sidewalk Connection Improvement
 North side of 39th Ave between, 3405 and 3309 VERNON, BC CAN
 BC(NORTH OKANAGAN)
 201300669294 v9
 Action stage: Bid Results
 Bid date: 11/22/2013 @ 12:00 AM PST
 Valuation: F (500K to <750K)
 Project delivery system: Design-Bid-Build
 Owner type: Local Government
 Project Overview
 Project type: Sidewalk/Parking Lot.
 Report type: Project
 Sub project count: 0
 First publish date: 11/06/2013
 Prior publish date: 10/02/2014
 Publisher: McGraw-Hill Construction Dodge
 Type of Work: Alterations
 Status: Bids in and under review - Further action pending Owner's decision to proceed - Bid November 22
 Status project delivery system: Design-Bid-Build
 Publish date: 11/17/2014
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: City of Vernon
 John Box
 (Municipal Technician
 3400-30 Street Vernon, BC V1T 5E6
 Phone:250-550-3634 Fax:250-545-5309
 E-mail: jbox@vernon.ca, http://www.vernon.ca/services/purchasing/
 Email ID : jbox@vernon.ca Internet Addr : http://www.vernon.ca/services/purchasing/
 Owner (Public): City of Vernon
 John Box
 (Municipal Technician
 3400-30 Street Vernon, BC V1T 5E6
 Phone:250-550-3634 Fax:250-545-5309
 E-mail: jbox@vernon.ca, http://www.vernon.ca/services/purchasing/
 Email ID : jbox@vernon.ca Internet Addr : http://www.vernon.ca/services/purchasing/
 Notes: DEWB82
 Plans available from: Owner (Public)
 Additional features: structing sidewalk on the north side of 39th Avenue between 3405 and 3309. During construction there will be lane closures. Flaggers will be on site to regulate traffic with in the construction area

MANITOBA
 4 No. Drain Erosion Repair - Seeding X31251
 4 No. Drain
 WINNIPEG, MB R3C 3P3 CAN
 MB(DIVISION 11)
 201300602934 v10
 Action stage: Bid Results
 Bid date: 08/22/2013 @ 12:00 PM CDT
 Valuation: F (500K to <750K)

Project delivery system: Design-Bid-Build
 Owner type: State
 Project Overview
 Project type: Site Development. Landscaping.
 Report type: Project
 Sub project count: 0
 First publish date: 08/13/2013
 Prior publish date: 10/02/2014
 Publisher: McGraw-Hill Construction Dodge
 Type of Work: Alterations
 Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid August 22
 Status project delivery system: Design-Bid-Build
 Publish date: 11/17/2014
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Water Management & Structures
 600 - 215 Garry Street WINNIPEG, MB R3C 3P3
 Phone:204-391-3108 Fax:204-948-2544
 Owner (Public): Water Management & Structures
 600 - 215 Garry Street WINNIPEG, MB R3C 3P3
 Phone:204-391-3108 Fax:204-948-2544
 Notes: DEWB82
 Plans available from: Owner (Public)
 Additional features: Approx. 7 km of ground preparation and Seeding on the 4N Drain - Erosion repair

ITEM: Corrugation Steel Culverts H050022036
 WINNIPEG, MB CAN
 MB(DIVISION 11)
 201400701138 v1
 Action stage: Bidding
 Bid date: 11/20/2014 @ 12:00 AM
 Valuation: First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Owner type: State
 Project Overview
 Project type: Storm Sewer.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 11/17/2014
 Publisher: McGraw-Hill Construction Dodge
 Type of Item: MATL EQUIP.
 Item Code: Culvert Pipe.
 Item Category: SEWER/WATER PIPE.
 Status: Bids to Owner November 20
 Status project delivery system: Design-Bid-Build
 Publish date: 11/17/2014
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Government of Manitoba Highways & Transportation
 Rene Nolette
 (Facilities
 215 Garry Street 16th Floor WINNIPEG MB R3C 3Z1
 Phone:204-945-3633 Fax:204-948-2288
 E-mail: mgi@gov.mb.ca, http://mit.gov.mb.ca/cts/Tenders.aspx
 Owner (Public): Government of Manitoba Highways & Transportation
 Rene Nolette
 (Facilities
 215 Garry Street 16th Floor WINNIPEG MB R3C 3Z1
 Phone:204-945-3633 Fax:204-948-2288
 E-mail: mgi@gov.mb.ca, http://mit.gov.mb.ca/cts/Tenders.aspx
 Notes: DEWB30
 Plans available from: Owner (Public)

Bituminous Overlay 299129
 Various Locations
 WINNIPEG, MB CAN
 MB(DIVISION 11)
 201400564490 v6
 Action stage: Bid Results

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: 25,000,000-\$49,999,999; N: \$50,000,000-No Maximum

McGraw Hill CONSTRUCTION Dodge

E-mail: mcgraw-hill@merx.com Web: www.construction.com

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Bid date: 06/26/2014 @ 12:00 PM CDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: State
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 06/23/2014
Prior publish date: 10/01/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Award expected in 30-60 days - Bid June 26
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Manitoba Highways & Transportation
Contract Services
1630 - 215 Garry Street 16th Floor Winnipeg MB R3C 3P3
Phone:204-945-3637 Fax:204-948-2288
E-mail: mgi@gov.mb.ca,
http://mit.gov.mb.ca/cts/Tenders.aspx
Owner (Public): Government of Manitoba Highways & Transportation
Contract Services
1630 - 215 Garry Street 16th Floor Winnipeg MB R3C 3P3
Phone:204-945-3637 Fax:204-948-2288
E-mail: mgi@gov.mb.ca,
http://mit.gov.mb.ca/cts/Tenders.aspx
Notes: DEWB30 - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call 1-888-836-6623
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: The work involves construction of a bituminous pavement overlay, including milling of the existing bituminous pavement, on the eastbound and westbound lanes of Provincial Trunk Highway 101 from approximately 1.0km north of Provincial Trunk Highway 190 to the junction of Provincial Trunk Highway 6, for a total construction distance of approximately 14.2km in the Municipalities of Rosser and Headingley

Allen Building - Room 305-307 Laboratory Renovations
Allen Building
WINNIPEG, MB R3T 2N2 CAN
MB(DIVISION 11)
201300689123 v10
Action stage: Bid Results
Bid date: 01/09/2014 @ 02:00 PM CST
Valuation: \$380,000
Project delivery system: Design-Bid-Build
Target start date: 04/01/2014
Owner type: Local Government
Project Overview
Project type: College/University, Testing/Research/Development Lab.
Report type: Project
Sub project count: 0
First publish date: 12/06/2013
Prior publish date: 10/01/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owner's decision to proceed - Bid January 9
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents

Submit bids to: Owner (Public)
Architect: University of Manitoba
Cory Fielding
(Architect)
120 Physical Plant Building 89 Freedman Crescent WINNIPEG, MB R3T 2N2
Phone:204-474-7118 Fax:204-474-7565
E-mail: fielding@cc.umanitoba.ca,
http://www.umanitoba.ca
Email ID : fielding@cc.umanitoba.ca Internet Addr : http://www.umanitoba.ca
Electrical Engineer: University of Manitoba
Darwin Thompson
410 Administration Bldg WINNIPEG, MB R3T 2N2
Phone:204-474-8911 Fax:204-275-1160
E-mail: thompso3@cc.umanitoba.ca,
http://www.umanitoba.ca
Company Name : University of Manitoba Email ID : thompso3@cc.umanitoba.ca Internet Addr : http://www.umanitoba.ca
Mechanical Engineer: University of Manitoba
Darrell Steinke
(pm)
410 Administration Bldg WINNIPEG, MB R3T 2N2
Phone:204-474-8911 Fax:204-275-1160
E-mail: darrell.steinke@ad.umanitoba.ca,
http://www.umanitoba.ca
Company Name : University of Manitoba Email ID : Darrell.Steinke@ad.umanitoba.ca Internet Addr : http://www.umanitoba.ca
Owner (Public): University of Manitoba
Olusegun Daodu
(Purchasing Consultan
410 Administration Bldg. WINNIPEG, MB R3T 2N2
Phone:204-474-8911 Fax:204-275-1160
E-mail: Olusegun.Daodu@umanitoba.ca,
http://www.umanitoba.ca
Email ID : Olusegun.Daodu@ad.umanitoba.ca Internet Addr : http://www.umanitoba.ca
Notes: DEWB86
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
Plans available from: Owner (Public)
Additional features: Allen Building - Room 305/307 Laboratory Renovations

Road 142 N Grade - Gravel - Channel Realignment 311045
East Junction PR274
WINNIPEG, MB CAN
MB(DIVISION 11)
201400690596 v3
Action stage: *
Bid Results
Bid date: 11/13/2014 @ 12:00 PM CST
Valuation: G (750K to <1M)
Project delivery system: Design-Bid-Build
Target start date: 12/01/2014
Owner type: State
Project Overview
Project type: Paving, Site Development, Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 11/03/2014
Prior publish date: 11/11/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids November 13
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Consultant: MERX
Customer Support

38 Antares Drive Ottawa, ON K2E 7V2
Phone:613-727-4900 Fax:888-235-5800
E-mail: merx@merx.com, http://www.merx.com
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
Engineer: Manitoba Infrastructure & Transportation
Contracts Services
(Tenders)
1700 Portage Avenue WINNIPEG, MB R3J 0E1
Phone:204-945-3776
E-mail: mit.eo.purchasing@gov.mb.ca,
http://tgs.gov.mb.ca/ctsold/tenders.aspx
Owner (Public): Manitoba Infrastructure & Transportation
Contracts Services
(Tenders)
1700 Portage Avenue WINNIPEG, MB R3J 0E1
Phone:204-945-3776
E-mail: mit.eo.purchasing@gov.mb.ca,
http://tgs.gov.mb.ca/ctsold/tenders.aspx
Notes: DEWB82
Bonds: 10% Bid Bond.
Plans available from: Consultant
Additional features: The work involves construction of a granular fill embankment including traffic gravel surface on RM Road 142 N at two locations and the realignment of approximately 130m of channel along the Spruce Creek, for a total construction distance of approximately 0.7km in the Municipality of Dauphin. Major items of work include: ? 12 000 t of Granular Fill (Modified) St. George Park Playground Redevelopment

NORTHERN CANADA

ITEM: Water System - Mechanical Upgrades
CT143007
(A) Phase 1 - 11/19
(B) Phase 2 - 11/20
two boiler station
GJOA HAVEN, NU CAN
NU(NUNAVUT)
201400676861 v5
Action stage: Bidding
Bid date: 11/19/2014 @ 04:00 PM MST
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build
Target start date: 12/01/2014
Owner type: State
Project Overview
Project type: Heating/Cooling Plant.
Report type: ITEM Only
Sub project count: 2
First publish date: 10/21/2014
Prior publish date: 11/05/2014
Publisher: McGraw-Hill Construction Dodge
Type of Item: ALTERATION.
Item Code: Boiler Replacement. Elec Work, Heating Ctrls, Mechanical Work, Pumping Sys-Water or Sewage.
Item Category: PLUMBING/FIRE PROTECTION, ELECTRICAL, HVAC/DUCTWORK, PLUMBING/FIRE PROTECTION, WATER/SEWGE PLNT EQUIP.
Status: Bid date extended from November 5 - Bids to Owner (Phase 1) November 19 and (Phase 2) November 20 at 4:00 PM (MST)
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Nunavut
Susan Noseworthy
(Procurement Officer)
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg IQALUIT, NU X0A 0H0
Phone:867-975-5434 Fax:867-975-5450

E-mail: snoseworthy@gov.nu.ca,
http://www.nunavuttenders.ca/
Email ID : snoseworthy@gov.nu.ca Internet Addr : http://www.nunavuttenders.ca/
Owner (Public): Government of Nunavut
Bonnie Osborne
(Contracts Advisor)
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg IQALUIT, NU X0A 0H0
Phone:867-975-5415 Fax:867-975-5450
E-mail: bosborne@gov.nu.ca, http://www.nunavuttenders.ca/
Notes: DEWB86 The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Bonds: 10% Bid Bond. 95% Performance Bond. 95% Payment Bond.
*Plans available from: *Owner (Public)
Addenda film date: 11/05/2014
Addenda receive date: OV-/2/05-N
Items: Work under this contract consists of but not necessarily limited to removal and replacement of existing boilers, pumps and associated piping and heat exchangers in two boiler station. Remove and replace existing water intake pump and heat exchanger. Remove and replace Water treatment Plant heat exchanger

ITEM: Furnace Exchange (SK-275) PM016796
site not specified
TULITA, NT CAN
NT(INUVIK)
201400692855 v2
Action stage: Bidding
Bid date: 11/19/2014 @ 03:00 PM MST
Valuation: C (200K to <300K)
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Apartments/Condominiums 1-3 Stories.
Report type: ITEM Only
Sub project count: 0
First publish date: 11/05/2014
Prior publish date: 11/05/2014
Publisher: McGraw-Hill Construction Dodge
Type of Item: ALTERATION.
Item Code: Boiler Replacement. Duct Work, Sht Metal, All Types, Furnaces-Central Htg, Water Heaters.
Item Category: PLUMBING/FIRE PROTECTION, ROOFING, HVAC/DUCTWORK, PLUMBING/FIRE PROTECTION.
Status: Bids to Owner November 19 at 3:00 PM (MST)
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Northwest Territories Housing Corporation
Gordon Mackenzie
Sahtu District #4 Caribou Crescent Norman Wells NT X0E 0V0
Phone:867-587-5100 Fax:867-587-5101
Company Name : Northwest Territories Housing Corporation
Owner (Public): Northwest Territories Housing Corporation
John Kivi
(Technical Manager)
Sahtu District #4 Caribou Crescent Norman Wells NT X0E 0V0
Phone:867-587-5116 Fax:867-587-5101
E-mail: JOHN_KIVI@gov.nt.ca
Notes: DEWB30 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the McGraw-Hill Construction Network - The list of Prospective bidders is not available from regular

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum

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sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public)
Items: Removing existing boiler, life breath furnace, flue pipe, breaching and electric hot water heater in the crawlspace, install new oil fired furnace and hot water heater, install new 8 inch complete chimney with flue pipe system according to the building code, ensure all unnecessary breaches from the old life breathe furnace are insulated and enclosed, ensure that the combustion air intake is properly sized, install new fuel filters, ensure fuel pipe to the HWH and furnace are piped accordingly, conduct combustion tests on both appliances and inspect all ductwork in the crawlspace and ensure all connections are fastened and duct taped for optimum performance

M&I- Unit 75 Renovation PM016210
Site not specified
ULUKHAKTOK, NT X0E 0T0 CAN
NT(INUVIK)
201400507807 v8
Action stage: Bid Results
Bid date: 05/01/2014 @ 03:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 11/01/2014
Owner type: State
Project Overview
Project type: Apartments/Condominiums 1-3 Stories. Apartments/Condominiums 4+ Stories.
Report type: Project
Sub project count: 0
First publish date: 04/28/2014
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owner's decision to proceed - Bid May 1
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Northwest Territories Housing Corporation
Joni Elias
(Contracts Administra
NWT HC Beaufort Delta District IDC Bldg - 103
MacKenzie Rd Inuvik, NT X0E 0T0
Phone: 867-777-5341 Fax: 867-777-2217
E-mail: joni_elias@gov.nt.ca,
http://nwtc.gov.nt.ca/_live/pages/wpPages/home.as
Company Name : Northwest Territories Housing Corporation
Owner (Public): Northwest Territories Housing Corporation
Joni Elias
(Contracts Administra
NWT HC Beaufort Delta District IDC Bldg - 103
MacKenzie Rd Inuvik, NT X0E 0T0
Phone: 867-777-5341 Fax: 867-777-2217
E-mail: joni_elias@gov.nt.ca,
http://nwtc.gov.nt.ca/_live/pages/wpPages/home.as
Company Name : Northwest Territories Housing Corporation
Notes: DEWB73 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the McGraw-Hill Construction Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public)
Additional features: M & I- Unit 75 -Renovation SSE

Parking Garage Granular Flooring 132002
Arctic Bay
IQALUIT, NU X0A 0S0 CAN

NU (NUNAVUT)
201300561263 v12
Action stage: Bid Results
Bid date: 07/05/2013 @ 04:00 PM EDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Parking Garage.
Report type: Project
Sub project count: 0
First publish date: 06/25/2013
Prior publish date: 09/16/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid July 5
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Panaq Design Inc
R.J.G.Morneau
3 Bill Mackenzie Drive QIKIQTAAALUK
NU X0A 0H0
Phone: 867-979-2055 Fax: 867-979-2414 Company
Name : Panaq Design Inc
Owner (Public): Government of Nunavut
Rocky Jaworenko
(Contracts Clerk
P.O. Box 379 POND INLET, NU X0A 0S0
Phone: 867-899-7317 Fax: 867-899-7327
E-mail: rjaworenko@gov.nu.ca,
http://www.nunavutenders.ca/
Notes: DEWB50
Plans available from: Owner (Public)
Additional features: Parking Garage Granular Flooring

ITEM: Office Furniture (Supply/Install) PO445533
YELLOWKNIFE, NT CAN
NT(FORT SMITH)
201400702255 v1
Action stage: Bidding
Bid date: 12/05/2014 @ 03:00 PM MST
Valuation: First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Office.
Report type: ITEM Only
Sub project count: 0
First publish date: 11/18/2014
Publisher: McGraw-Hill Construction Dodge
Type of Item: MATL EQUIP.
Item Code: Office Furniture.
Item Category: OFFICE EQUIP.
Status: Bids to Owner December 5 at 3:00 PM (MST)
Status project delivery system: Design-Bid-Build
Publish date: 11/18/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Northwest Territories
Procurement Shared Services
5015 - 44 St YELLOWKNIFE
NT X1A 2L9
Phone: 867-873-7662 Fax: 867-873-0257
E-mail: CLAYTON_RAVNDAL@gov.nt.ca,
http://www.contractregistry.nt.ca/Public/ListProc
Owner (Public): Government of Northwest Territories
Procurement Shared Services
5015 - 44 St YELLOWKNIFE, NT X1A 2L9
Phone: 867-873-7662 Fax: 867-873-0257
E-mail: CLAYTON_RAVNDAL@gov.nt.ca,
http://www.contractregistry.nt.ca/Public/ListProc
Notes: DEWB30
Plans available from: Owner (Public)

Blackstone Kitchen Shelter Pad SC794621

ONTARIO
Bridge Widening
Sault Ste Marie, ON & Sault MI, (spanning St. Marys River)
Sault Ste Marie, ON CAN
ON(ALGOMA)
201300636449 v13
Action stage: Bid Results
Bid date: 10/09/2013 @ 02:00 PM EST
Valuation: J (5M to <10M)
Project delivery system: Design-Bid-Build
Owner type: Federal
DR break away from: 200900467707
Project Overview
Project type: Bridge.
Report type: Project
Sub project count: 0
First publish date: 09/24/2013
Prior publish date: 09/29/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations, New Project
Status: Bids in and under review - further action pending Owner's decision to proceed - Bids October 9
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Architect
Architect: EPOH Ellis Pastore and Oswin Consultants Inc.
Ryan Crowle
(Project Manager
726 Queen Street Suite #2 Sault Ste. Marie
ON P6A 2A9
Phone: 705-949-5291 Fax: 705-949-5292
E-mail: rcrowle@epohinc.com, http://www.epohinc.com
Internet Addr : http://www.epohinc.com
Civil Engineer: McCormick Rankin Corporation
McCormick Rankin
(Corporation
2655 North Sheridan Way Suite 300 Mississauga
ON L5K 2P8
Phone: 905-823-8500 Fax: 905-823-8503
E-mail: mrc@mrc.ca, http://www.mrc.ca
Owner (Public): Joint International Bridge Authority (Canada)
Phil Becker
(Manager
121 Huron St. Sault Ste Marie, ON P6A 1R3
Phone: 705-942-4345 Ext: 112 Fax: 906-635-0540
E-mail: beckerp@michigan.gov,
http://www.michigan.gov/iba
Email ID : beckerp@michigan.gov Internet Addr. :
http://www.michigan.gov/iba
Owner (Public): Joint International Bridge Authority (US)
Phil Becker
(Manager JIBA
934 Bridge Plz Sault Sainte Marie, MI
49783-1495 (USA)
Phone: 906-635-5255 Ext: 112 Fax: 906-635-0540
E-mail: beckerp@michigan.gov,
http://www.michigan.gov/iba
Factor Name : Joint International Bridge Authority
Email ID : beckerp@michigan.gov Internet Addr. :
http://www.michigan.gov/iba
Notes: DEWB86 Part of Master Report DR
200900467707 - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Architect
Additional features: Bridge Widening

Centre for Alternative Wastewater Treatment (Reno) 257301
200 Albert Street St

LINDSAY, ON K9V 5E6 CAN
ON(VICTORIA)
201200681053 v16
Action stage: Bid Results
Bid date: 02/26/2013 @ 03:00 PM EST
Valuation: G (750K to <1M)
Project delivery system: Design-Bid-Build
Target start date: 04/01/2013
Target complete date: 08/01/2013
Owner type: State
Project Overview
Project type: College/University, Testing/Research/Development Lab. Water Treatment Plant.
Report type: Project
Sub project count: 0
First publish date: 11/26/2012
Prior publish date: 09/17/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: GC bids in and under review - Further action pending Owners decision to Proceed - bid February 26
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Architect
Architect: Perkins + Will Canada
Mr Jan-Willem Gritters
(Architect
672 Dupont St Suite 500 TORONTO, ON
M6G 1Z6
Phone: 416-971-6060 Fax: 416-971-6765
E-mail: jan-willem.gritters@perkinswill.com,
http://www.perkinswill.com
Email ID : jwgritters@stipartners.com Internet
Addr : http://www.perkinswill.com
Owner (Public): Sir Sandford Fleming College of Applied Arts
Ken McLean
(SrPurchasingOfficer
599 Brealey Drive Peterborough, ON K9J 7B1
Phone: 705-749-5520 Ext: 1310 Fax: 705-741-0431
E-mail: kemclean@fleming.on.ca,
http://www.fleming.on.ca/
Email ID : kemclean@fleming.on.ca
Notes: DEWB86 - A mandatory site visit is scheduled for February 11 at 2 PM - this project has pre-qualified Mechanical and Electrical contractors
Addenda film date: 02/22/2013
Addenda receive date: EB/-2/21-F
Additional features: Renovation to Centre for Alternative Wastewater Treatment at Sir Sandford Fleming College Frost Campus - Work includes but not limited to - Roof Top Mechanical Equipment - Demolition and Removal - Electrical - Interior Finishes

2013 Road Paving
Various locations
CLARENCE-ROCKLAND, ON CAN
ON(PRESCOTT AND RUSSELL)
201300517872 v9
Action stage: Bid Results
Bid date: 05/22/2013 @ 02:00 PM EDT
Valuation: E (400K to <500K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 05/09/2013
Prior publish date: 10/01/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid May 22
Status project delivery

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: 25,000,000-\$49,999,999; N: \$50,000,000-No Maximum

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E-mail: mcgraw-hill@merx.com Web: www.construction.com

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system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Clarence-Rockland
Tenders
1560 Laurier St., ROCKLAND, ON K4K 1P7
Phone:613-446-6022
E-mail: tlefaivre@clarence-rockland.com,
http://www.clarence-rockland.com/index.php/en/
Owner (Public): City of Clarence-Rockland
Tenders
1560 Laurier St., ROCKLAND, ON K4K 1P7
Phone:613-446-6022
E-mail: tlefaivre@clarence-rockland.com,
http://www.clarence-rockland.com/index.php/en/
Notes: DEWB82
Plans available from: Owner (Public)

2013 Resurfacing Program - East FA4927213
On various streets
MISSISSAUGA, ON CAN
ON(PEEL)
201300459564 v9
Action stage: Bid Results
Bid date: 03/26/2013 @ 02:00 PM EDT
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build
Target start date: 05/01/2014
Owner type: Local Government
Project Overview
Project type: Paving, Sidewalk/Parking Lot,
Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 03/12/2013
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action
pending Owner's decision to proceed - Bid March 26
Status project delivery
system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Mississauga
Maria Torres
(Intermediate Buyer)
300 City Centre Drive MISSISSAUGA
ON L5B 3C1
Phone:905-615-3200 Ext:5240
E-mail: maria.torres@mississauga.ca,
http://www.mississauga.ca
Email ID : maria.torres@mississauga.ca
Owner (Public): City of Mississauga
Maria Torres
(Intermediate Buyer)
300 City Centre Drive MISSISSAUGA
ON L5B 3C1
Phone:905-615-3200 Ext:5240
E-mail: maria.torres@mississauga.ca,
http://www.mississauga.ca
Email ID : maria.torres@mississauga.ca
Notes: DEWB82
Plans available from: Owner (Public) \$141.25
Additional features: This Contract involves Resur-
facing and a Paver Laid Expanded Asphalt Reclama-
tion on various streets in the City of
Mississauga as well as curb and sidewalk repairs -
catchbasin and manhole adjustments and repairs -
subdrain installation - driveway apron repairs and
sod replacement.

ITEM: Building Demolition 201412
Former Lion's Building
SMITHVILLE, ON CAN
ON(NIAGARA)
201400701149 v1
Action stage: Bidding

Bid date: 11/27/2014 @ 02:00 PM EST
Valuation: B (100K to <200K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Unclassified.
Report type: ITEM Only
Sub project count: 0
First publish date: 11/17/2014
Publisher: McGraw-Hill Construction Dodge
Type of Item: ALTERATION.
Item Code: Demolition-of G/H Structures.
Item Category: DEMOL/BLDG.MOVING.
Status: Bids to owner November 27 at 2:00 PM
(EST)
Status project delivery
system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Township of West Lincoln
Brent Julian
(Coordinator Engineer)
318 Canborough Street Box 400 SMITHVILLE
ON L0R 2A0
Phone:905-957-3346 Fax:905-957-3219
http://www.westlincoln.ca/tenders/tenders-request-
Company Name : Township of West Lincoln Inter-
net Addr : http://www.westlincoln.ca/tenders/tenders-request-
Owner (Public): Town of West Lincoln
Carolyn Langley
318 Canborough Street Box 400 SMITHVILLE
ON L0R 2A0
Phone:905-957-3346 Fax:905-957-3219
E-mail: carolynlangley@westlincoln.ca,
http://www.westlincoln.ca/tenders/tenders-request-
Company Name : Town of West Lincoln
Owner's Agent (Public): Township of West Lincoln
Bob Denison
6218 London road P.O Box 189 SMITHVILLE
ON L0R 2A0
Phone:905-957-3346 Fax:905-957-3219
http://www.westlincoln.ca/
Company Name : Township of West Lincoln Inter-
net Addr : http://www.westlincoln.ca/
Notes: DEWB30
Plans available from: Owner (Public)
Items: Former Lion's Building demolition

QUEBEC

Raised Townhouse - Momentum - Master Report
(A) Momentum - Phase 1 - Building 1 -
DR201400640556
(B) Momentum - Phase 1 - Building 2 -
DR201400640559
(C) Momentum - Phase 1 - Building 3 -
DR201400640567
(D) Momentum - Phase 1 - Building 4 -
DR201400640560
(E) Momentum - Phase 1 - Building 5 -
DR201400640561
(F) Momentum - Phase 3 - Building 1 -
DR201400640693
(G) Momentum - Phase 3 - Building 2 -
DR201400640694
(H) Momentum - Phase 3 - Building 3 -
DR201400640698
(I) Momentum - Phase 3 - Building 4 -
DR201400640696
(J) Momentum - Phase 3 - Building 5 -
DR201400640690
(K) Momentum - Phase 3 - Building 6 -
DR201400640699
(L) Momentum - Phase 3 - Building 7 -
DR201400640700
(M) Momentum - Phase 3 - Building 8 -
DR201400640702

(N) Momentum - Phase 3 - Building 9 -
DR201400640703
(O) Momentum - Phase 3 - Building 10 -
DR201400640707
(P) Momentum - Phase 3 - Building 11 -
DR201400640708
(Q) Momentum - Phase 3 - Building 12 -
DR201400640709
(R) Momentum - Phase 3 - Building 13 -
DR201400640701

Quartier Greenwich
POINTE CLAIRE, QC CAN
QC(COMMUNAUTE-URBAINE-DE-
MONTREAL)
201400640539 v1
Action stage: Construction Documents
Bid date: Valuation: \$1
Project delivery system: Owner Uses Own Forces
Owner type: Private
Project Overview
Project type: Apartments/Condominiums 4+ Stories.
Report type: Project
Sub project count: 18
First publish date: 09/15/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: New Project
Status: Planning underway - Individual projects to
be reported separately as they develop - See spe-
cific Dodge reports for more information - No con-
struction schedule set at this time
Status project delivery
system: Owner Uses Own Forces
Publish date: 09/15/2014
Key Contacts and Bid Documents
Architect: Yelle Maille Architectes Associes
Jean Pierre Lamer
(Architect)
194 rue Saint Paul Bureau 230 Montreal
QC H2Y 1Z8
Phone:514-849-4884 Ext:236 Fax:514-849-2446
E-mail: jp.lamer@hellemaille.ca
General Contractor: Sotramont
Guy St Jacques
(VP Construction)
2505, rue des Nations SAINT LAURENT
QC H4R 3C8
Phone:514-331-9202 Fax:514-331-6909
http://www.sotramont.com/
Owner-Builder/Developer(Private): Sotramont
Guy St Jacques
(VP Construction)
2505, rue des Nations SAINT LAURENT
QC H4R 3C8
Phone:514-331-9202 Fax:514-331-6909
http://www.sotramont.com/
Notes: CRCN01 - Please view related Master Re-
port DR201300524076 for Quartier Greenwich
Development -
Additional features: stacked townhouses - 8 units
per building - Phase one - 40 units -

ITEM: Ventilation Unit Upgrade (Sept-Iles Air-
port) 297568
1000 E Boulevard Laure
SEPT-ILES, QC G4R CAN
QC(SEPT-RIVIERES-CANIAPISCAU)
201400541663 v3
Action stage: *
Start
Bid date: 07/11/2014 @ 02:00 PM EDT
Valuation: *
\$624,960
Project delivery system: Design-Bid-Build
Target start date: *
09/01/2014
Owner type: Federal
Project Overview
Project type: Passenger Terminal (Other).
Report type: ITEM Only

Sub project count: 0
First publish date: 06/02/2014
Prior publish date: 06/30/2014
Publisher: McGraw-Hill Construction Dodge
Type of Item: ALTERATION.
Item Code: Mechanical Work, Ventilating Sys.
Item Category: PLUMBING/FIRE PROTEC-
TION, HVAC/DUCTWORK.
Status: GC selected - Construction to start ASAP -
Bid July 11
Status project delivery
system: Design-Bid-Build
Publish date: 09/15/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works and Government Services
Canada
Danielle Couture
(Administration)
Place Bonaventure-Portail SE 800 rue de la
Gauchetiere-West MONTREAL, QC H5A 1L6
Phone:514-496-3863 Fax:514-496-3822
E-mail: danielle.couture@pwgsc.gc.ca
General Contractor: Les construction BLH (1997)
Inc.
Francois Turmel
(President)
424 rue Otis Sept Iles, QC G4R 1L3
Phone:418-968-8844
Owner (Public): Public Works and Government
Services Canada
Danielle Couture
(Administration)
Place Bonaventure-Portail SE 800 rue de la
Gauchetiere-West MONTREAL, QC H5A 1L6
Phone:514-496-3863 Fax:514-496-3822
E-mail: danielle.couture@pwgsc.gc.ca
Notes: CRCN03
Plans available from: Owner (Public)

Items: Work under this Contract comprises general
construction of a ventilation unit for the East
(Room 150) and West (Room 122) of baggage
drop-off points
Casino du Lac-Leamy - HUB (Reno) L0300
(A) Lot 0300 - Concrete Structure - HUB - Phase 2
- 12/13
(B) Lot 0512 - Structural Steel - HUB - Phase 2 -
12/13
(C) Lot 1420 - Elevator HUB - Phase 2 - 12/13
(D) Lot 1140 - Bar Equipment HUB - Phase 2 -
02/07
(E) Lot 0910 Interior Systems - HUB - 03/19
(F) Lot 1531 - Fire Protection - HUB - 03/26
(G) Lot 1541 - Plumbing - 03/27
1 boulevard Casino
GATINEAU, QC J8Y 6W3 CAN
QC(COMMUNAUTE-URBAINE-DE-L'OU-
TAOUAIS)
201200688336 v19
Action stage: *
Bid Results, Construction
Bid date: 03/26/2013 @ 02:00 PM EDT
Valuation: \$50,648,041
Project delivery system: Owner Subcontracting
Target start date: 01/01/2013
Target complete date: 01/01/2015
Owner type: Private
Project Overview
Project type: Casino.
Report type: Project
Sub project count: 7
First publish date: 12/04/2012
Prior publish date: 01/13/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations, Interiors
Status: Lot 1531 Bids to Owner by March 26 at
2:00 PM (EST) - Lot 1541 Bids to Owner by
March 27 at 1:00 PM (EDT) - Bids for Lot 0910
Interior Systems in and under review - Bid March

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999;
G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999;
K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum

Dodge upcoming project reports

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19
 Status project delivery
 system: Owner Subcontracting
 Publish date: 09/16/2014
 Key Contacts and Bid Documents
 Submit bids to: Owner (Private)
 Architect: Fortin Coriveau Salvail Architecture + Design
 Guy Salvai
 (Architecte)
 15 Rue Connaught Hull, QC J8Y 4C8
 Phone: 819-776-1452 Ext: 25 Fax: 819-776-1452
 E-mail: afcs.arc@v1.videotron.ca
 Civil Engineer: Nicolet Chartrand Knoll - NCK-1200 avenue McGill College Bureau 1200 Montreal, QC H3B 4G7
 Phone: 514-878-3021
 E-mail: info@nck.ca, http://www.nck.ca
 Electrical Engineer: Pageau Morel & Associes Reception
 (Main Office)
 365 boul. Greber Gatineau, QC J8T 5R3
 Phone: 819-776-4665 Fax: 819-776-4775
 E-mail: info@pageaumorel.com, http://www.pageaumorel.com/fr/
 Electrical Engineer: Bouthillette Parizeau & Associes Inc.,
 430 boul de l'Hopital Bureau 210 Gatineau QC J8V 1T7
 Phone: 819-778-2448 Fax: 819-778-5031
 http://www.bpa.ca
 Mechanical Engineer: Pageau Morel & Associes Reception
 (Main Office)
 365 boul. Greber Gatineau, QC J8T 5R3
 Phone: 819-776-4665 Fax: 819-776-4775
 E-mail: info@pageaumorel.com, http://www.pageaumorel.com/fr/
 Mechanical Engineer: Bouthillette Parizeau & Associes Inc.,
 430 boul de l'Hopital Bureau 210 Gatineau QC J8V 1T7
 Phone: 819-778-2448 Fax: 819-778-5031
 http://www.bpa.ca
 Owner (Private): Casino Lac Leamy
 Construction Manager
 (Construction Manager)
 1 boulevard du Casino Roulotte Chantier GATINEAU, QC J8Y 6W3
 Phone: 819-772-2100
 http://www.casinosduquebec.com/lacleamy
 Internet Addr :
 http://www.casinosduquebec.com/lacleamy
 Project Manager: Verreault Inc
 Patricia Nicol
 (Administration)
 1080 Cote du Beaver Hall Suite 800 Montreal QC H2Z 1S8
 Phone: 514-845-4104 Ext: 2207 Fax: 514-845-2514
 E-mail: patricia.nicol@verreault.ca Email ID : patricia.nicol@verreault.ca
 Structural Engineer: Nicolet Chartrand Knoll - NCK-1200 avenue McGill College Bureau 1200 Montreal, QC H3B 4G7
 Phone: 514-878-3021
 E-mail: info@nck.ca, http://www.nck.ca
 Notes: DEWB19 - A site visit has been scheduled for Lot 1531 on March 14 at 10:00 AM - Interested bidders are to meet at Verreault's Administrative trailer, located at the Lac Leamy Casino - Lot 0300 & Lot 0512 - Bids in and under review - Award possible within 30 days - bid December 13 -- Source request all bid documents be obtained through their channels only - Documents for this project will not appear in the McGraw-Hill Construction Network - Note: Pelland Leblanc Architects are also involved - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call - 1-

888-836-6623
 Bonds: 10% Bid Bond.
 Plans available from: Project Manager - US\$ 10 deposit, non refundable
 Construction Document Links: Casino du Lac-Leamy - HUB (Reno)
 Additional features: Extensive renovations - 4 Phases - Phase 1 (10/2012 to 03/2013) - Foundation demolition of Bar 777 and panoramic staircase - Phase 2 (03/2013 to 10/2013) - Construction of central HUB - Phase 3 (10/2013 to 04/2014) - Renovation of the Salon Hautes - Phase 4 (04/2014 to 01/2015) - Renovation of entrance hall and construction of multimedia display

 Penitentiary (replacement) 18284300
 (A) Lot 20.1 - Excavation-Backfill - 10/05
 (B) Lot 23.1 - Foundation/Pile - Awd
 (C) Lot 34.1 - Concrete Finishing - 11/14
 (D) Lot 24.1 - Fencing - 11/22
 (E) Lot 32.1 - Reinforcement (Armature) - 11/21
 (F) Lot 50.1 - Steel Framing - 11/22
 (G) Lot 150.1 - Fire Protection - 11/22
 (H) Lot 152.1 - Plumbing - Heating - 11/28
 (I) Lot 153.1 - Ventilation - 11/26
 (J) Lot 155.1 - Regulation - 11/28
 (K) Lot 160.1 - Electrical - 11/26
 (L) Lot 30.1 - Formwork - 11/21
 (M) Lot 40.1 - Masonry - 12/05
 (N) Lot 72.1 - Fire Proofing - Weatherproofing - Uthane - 02/1
 (O) Lot 75.1 - Roofing - 01/29
 (P) Lot 92.1 - Ceilings - Gypsum - 01/17
 (Q) Lot 80.2 Security Windows - 01/29
 (R) Lot 55.1 - Fabricated Metals - 02/07
 (S) Lot 93.1 - Floor Covering - 02/07
 (T) Lot 80.1 - Doors - Frames - Hardware - 01/31
 (U) Lot 85.1 - Curtain Walls - Aluminum Windows/Entrance - 02/04
 (V) Lot 152.2 - Refrigeration - 02/14
 (W) Lot 142.1 - Elevator - 02/12
 (X) Lot 99.1 - Painting - 02/19
 (Y) Lot 163.1 - Security/Access Control - 03/06
 555 Boulevard Horace J.-Beemer Roberval, QC G8H 0A7 CAN
 QC(LE DOMAINE-DU-ROY)
 200700869439 v58
 Action stage: Bid Results, Construction Documents
 Bid date: 03/06/2013 @ 03:00 PM EST
 Valuation: \$108,438,435
 (A)\$5,979,000
 (B)\$337,925
 (F)\$2,779,551
 (G)\$977,858
 (J)\$1,505,877
 (U)\$350,316
 Project delivery system: Owner Subcontracting
 Target start date: 10/01/2012
 Target complete date: 12/01/2013
 Owner type: Federal
 Special conditions: LEED Intended
 Project Overview
 Project type: Prison/Jail.
 Report type: Project
 Sub project count: 25
 First publish date: 10/02/2007
 Prior publish date: 01/06/2014
 Publisher: McGraw-Hill Construction Dodge
 Type of Work: New Project
 Status: Bidders - Lot 163.1 Bids to Owner by March 6 at 3:00 PM (EST) - Lot 152.2 Low bidders previously reported - Award pending owner's decision to proceed - bid February 14 at 3:00 PM (EST)
 Special conditions: LEED Intended
 Status project delivery
 system: Owner Subcontracting
 Publish date: 09/16/2014
 Key Contacts and Bid Documents

Submit bids to: Owner (Public)
 Architect: St Gelais, Montminy Architectes
 Alexandre Frenier
 (Architecte)
 530 boul. de l'Atrium bureau 201 Quebec QC G1H 7H1
 Phone: 418-626-8224 Fax: 418-626-6885
 E-mail: info@stgm.net
 Architect: Parizeau Pawlowski, Architectes
 Yannick Des Landes
 (Architecte)
 2057 Av De Marlowe Montreal QC H4A 3L4
 Phone: 514-481-4669 Fax: 514-481-9899
 E-mail: info@p2architectes.qc.ca
 Architect: Boulay Fradette Boudreault & Associes, Architectes
 Bastien Boudreault
 (Architecte)
 915 Boul St Joseph Bureau 101 Roberval QC G8H 2L1
 Phone: 418-275-4358 Fax: 418-275-7187
 Construction Manager: Pomerleau Inc
 Charles Rodrigue
 (Administration)
 1175 Avenue Lavigerie Bureau 50 Quebec QC G1X 4P1
 Phone: 418-626-2314 Fax: 418-626-0241
 E-mail: quebec@pomerleau.ca, http://www.pomerleau.ca/construction-contractor/in
 Consultant: SEAO
 Tenders
 1500 boul Jules Poitras St Laurent QC H4N 1X7
 Phone: 514-872-0311 Fax: 514-257-8544
 https://www.seao.ca/index.aspx
 Electrical Engineer: Dessau Soprin Inc
 2655 boul du Royaume Bureau 480 Jonquiere QC G7S 4S9
 Phone: 418-548-2847 Fax: 418-548-3826
 Electrical Engineer: Cegertec
 104-6700 boul Pierre-Bertrand Quebec QC G2C 1V7
 Phone: 418-847-8049 Fax: 418-847-1361
 Mechanical Engineer: Cegertec
 104-6700 boul Pierre-Bertrand Quebec QC G2C 1V7
 Phone: 418-847-8049 Fax: 418-847-1361
 Mechanical Engineer: Dessau Soprin Inc
 2655 boul du Royaume Bureau 480 Jonquiere QC G7S 4S9
 Phone: 418-548-2847 Fax: 418-548-3826
 Owner (Public): Societe Immobiliere du Quebec
 Danielle Leblanc
 (Administration)
 1075 de l'Amerique Francaise 1er etage Quebec QC G1R 5P8
 Phone: 418-646-1766 Ext: 3161 Fax: 418-646-0933
 E-mail: dleblanc4@siq.gouv.qc.ca, http://www.siq.gouv.qc.ca
 Email ID : dleblanc4@siq.gouv.qc.ca
 Owner (Public): Societe Immobiliere du Quebec
 Carole Piche
 (Greffiere)
 1075, de l'Amerique-Francaise 1er etage Quebec QC G1R 5P8
 Phone: 418-646-1766 Ext: 3166 Fax: 418-528-5628
 E-mail: cpiche@siq.gouv.qc.ca, http://www.siq.gouv.qc.ca
 Email ID : cpiche@pichesiq.gouv.qc.ca
 Owner (Public): Societe quebecoise des infrastructures
 Suzanne Godbout
 (Owner's Agent)
 1075 de l'Amerique Francaise 1er etage Quebec QC G1R 5P8
 Phone: 418-646-1766 Ext: 3266 Fax: 418-646-0933
 E-mail: sgdobout@siq.gouv.qc.ca, http://www.siq.gouv.qc.ca/
 Owner (Public): Societe quebecoise des infrastructures

tures
 Pierre Bergeron
 (Directeur de Projets)
 1075 de l'Amerique Francaise 1er etage Quebec QC G1R 5P8
 Phone: 418-646-1766 Ext: 3389 Fax: 418-646-0933
 E-mail: courrier@siq.gouv.qc.ca, http://www.siq.gouv.qc.ca/
 Owner's Agent (Public): Cegertec WorleyParsons
 Pascal Tremblay
 (Administration)
 255 rue Racine Est C.P. 1000 Chicoutimi QC G7H 5G4
 Phone: 418-549-6680 Fax: 418-549-7105
 E-mail: tremblay.pascal@cegetec.com, http://www.cegetec.qc.ca/
 Email ID : tremblay.pascal@cegetec.com Internet
 Addr : http://www.cegetec.qc.ca/
 Owner's Agent (Public): Securite publique du Quebec
 Real Roussie
 2525 Boulevard Laurier Ste Foy QC G1V 2L2
 Phone: 418-644-1879
 http://www.msp.gouv.qc.ca/
 Owner's Agent (Public): Pomerleau Inc
 Charles Rodrigue
 (Administration)
 1175 Avenue Lavigerie Bureau 50 Quebec QC G1X 4P1
 Phone: 418-626-2314 Fax: 418-626-0241
 E-mail: quebec@pomerleau.ca, http://www.pomerleau.ca/construction-contractor/in
 Structural Engineer: Cegertec WorleyParsons
 Pascal Tremblay
 (Administration)
 255 rue Racine Est C.P. 1000 Chicoutimi QC G7H 5G4
 Phone: 418-549-6680 Fax: 418-549-7105
 E-mail: tremblay.pascal@cegetec.com, http://www.cegetec.qc.ca/
 Email ID : tremblay.pascal@cegetec.com Internet
 Addr : http://www.cegetec.qc.ca/
 Structural Engineer: Dessau Inc.
 Yvon Michaud
 (Ingenieur)
 998 de la Concorde Levis QC G6W 5M6
 Phone: 418-839-6447 Fax: 418-839-8931
 E-mail: levis@dessau.com, http://www.dessau.com/
 Structural Engineer: Dessau Inc
 Mathieu Barbeau
 (Ingenieur)
 1220 Boul. Lebourgneuf Bureau 300 Quebec QC G1S 1X6
 Phone: 418-626-1688 Fax: 418-626-5464
 E-mail: quebec@dessausoprin.com, http://www.dessausoprin.com/
 General Contractor: Phenix Maritimes
 520 du Platine QUEBEC QC G2N 2G6
 Phone: 418-626-8989
 Notes: DEWB19 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the McGraw-Hill Construction Network - Lot 72.1 Bid date extended from January 30 - Bids to Owner by February 13 at 3:00 PM (EST) - Lot 93.1 Bid date extended from January 31 - Bids to Owner by February 7 at 3:00 PM - Lot 80.1, Bid date extended from January 24 - Bids to Owner by January 31 at 3:00 PM (EST) - Lot 75.1 Bid date extended from January 25 - Bids to Owner by January 29 at 3:00 PM - Lot 55.1 Bid date extended from January 24 - Bids to Owner by February 7 at 3:00 PM (EST) - Lot 80.2 Bids to Owner by January 29 at 3:00 PM (EST) - Bid date extension from November 14, Lot 153.1, Lot 160.1 Bids to Owner by November 26 at 3:00 PM (EST) - Lot 152.1 Bid date extended

McGraw Hill CONSTRUCTION Dodge

E-mail: mcgraw-hill@merx.com Web: www.construction.com

Dodge upcoming project reports

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from November 26 - Bids to Owner by November 28 at 3:00 PM (EST) --Target completion late 2013
Bonds: 10% Bid Bond.
Plans available from: Consultant
Structural Details

Structural information: 1 Building/ 2 Stories above grade / 0 Story below grade / 138,070 Total square meter / Building Frame: Structural Steel
Additional features: Veuillez noter que toutes configurations sont estimées -- 180 détenus - remplacer les établissements de détention de Chicoutimi et de Roberval par un nouvel établissement de détention au Saguenay-Lac-Saint-Jean --Site Preparation - Earthwork - Excavation - Foundation and Load Bearing Elements - Utility Services - Drainage and Containments - Pavements and Parking Appurtenances - Curbs and Sidewalks - Landscaping - Fencing - Cast - in - Place Concrete - Masonry Units - Structural Steel - Steel Deck - Steel Joists - Metal Fabrications - Rough and Finish Carpentry - Millwork - Dampproofing and Waterproofing - Thermal Protection - Building Insulation - Vapor Barriers - Membrane Roofing - Sheet Metal Flashing and Trim - Fire and Smoke Protection - Metal Doors - Entrances and Storefronts - Overhead Doors - Windows - Hardware - Glazing - Gypsum Board - Tile - Ceilings - Flooring - Carpet - Paints and Coatings - Compartments and Cubicles - Toilet Bath and Laundry Accessories - Parking Control Equipment - Food Service Equipment - Elevators - Mechanical - Electrical - HVAC - Plumbing - Plumbing Fixtures and Equipment - Fire Protection Specialties - Security Alarm Systems

SASKATCHEWAN

2014 Manhole Restoration 000104
MOOSE JAW, SK CAN
SK(DIVISION 07)
201400568497 v5
Action stage: Bid Results
Bid date: 06/30/2014 @ 02:00 PM CST
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: Local Government
Project Overview
Project type: Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 06/26/2014
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - contract award possible within 30 days - bid June 30
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Moose Jaw
Sandy Campbell
(project manager)
228 Main Street North MOOSE JAW
SK S6H 3J8
Phone:306-694-4436 Fax:306-694-4480
E-mail: scampbell@moosejaw.ca,
http://www.moosejaw.ca/
Email ID : Scampbell@city.moose-jaw.sk.ca
Owner (Public): City of Moose Jaw
Sandy Campbell
(project manager)
228 Main Street North MOOSE JAW
SK S6H 3J8
Phone:306-694-4436 Fax:306-694-4480
E-mail: scampbell@moosejaw.ca,
http://www.moosejaw.ca/
Email ID : Scampbell@city.moose-jaw.sk.ca
Owner (Public): City of Moose Jaw
Sandy Campbell
(project manager)
228 Main Street North MOOSE JAW
SK S6H 3J8
Phone:306-694-4436 Fax:306-694-4480
E-mail: scampbell@moosejaw.ca,
http://www.moosejaw.ca/
Email ID : Scampbell@city.moose-jaw.sk.ca
Notes: DEWB82

Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: Manhole Restoration services for the City of Moose Jaw

2014 Sewer Mainline Improvements 000105
MOOSE JAW, SK CAN
SK(DIVISION 07)
201400568489 v5
Action stage: Bid Results
Bid date: 06/30/2014 @ 02:00 PM CST
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: Local Government
Project Overview
Project type: Sanitary Sewer.
Report type: Project
Sub project count: 0
First publish date: 06/26/2014
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - contract award possible within 30 days - Bid June 30
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Moose Jaw
Sandy Campbell
(project manager)
228 Main Street North MOOSE JAW
SK S6H 3J8
Phone:306-694-4436 Fax:306-694-4480
E-mail: scampbell@moosejaw.ca,
http://www.moosejaw.ca/
Email ID : Scampbell@city.moose-jaw.sk.ca
Notes: DEWB82
Plans available from: Owner (Public)
Additional features: Rehabilitate sections of the sanitary sewage collection infrastructure through an in situ process (cured in place pipe)

2014 Large Section Concrete Replacement Program
201405COHLSCR
Various locations
HUMBOLDT, SK CAN
SK(DIVISION 15)
201400510799 v6
Action stage: Bid Results
Bid date: 05/14/2014 @ 03:00 PM CST
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 06/01/2014
Target complete date: 08/01/2014
Owner type: Local Government
Project Overview
Project type: Paving, Sidewalk/Parking Lot, Site Development.
Report type: Project
Sub project count: 0
First publish date: 05/01/2014
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and Under review - Further action pending Owners decision to Proceed - Bids May 14
Status project delivery

system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Humboldt
Daniel Bernhard
715 Main Street Box 640 HUMBOLDT
SK S0K 2A0
Phone:306-682-2525 Fax:306-682-3144
E-mail: daniel.bernhard@humboldt.ca, http://www.city-ofhumboldt.ca/default.aspx?page=10&
Company Name : City of Humboldt Email ID : daniel.bernhard@humboldt.ca Internet Addr : http://www.cityofhumboldt.ca/default.aspx?page=10&
Owner (Public): City of Humboldt
Daniel Bernhard
715 Main Street Box 640 HUMBOLDT
SK S0K 2A0
Phone:306-682-2525 Fax:306-682-3144
E-mail: daniel.bernhard@humboldt.ca, http://www.cityofhumboldt.ca/default.aspx?page=10&
Company Name : City of Humboldt Email ID : daniel.bernhard@humboldt.ca Internet Addr : http://www.cityofhumboldt.ca/default.aspx?page=10&
Notes: DEWB82
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: The Work consists of Concrete Projects in the City of Humboldt - Saskatchewan for the City of Humboldt

2014 Lateral B-4 Pipelines Expansion 170500800
8Kms SW of Birsay
LETHBRIDGE, SK CAN
SK(DIVISION 02)
201400509338 v7
Action stage: Bid Results
Bid date: 05/13/2014 @ 02:00 PM CST
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 06/01/2014
Owner type: Local Government
Project Overview
Project type: Water Line.
Report type: Project
Sub project count: 0
First publish date: 04/29/2014
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid May 13
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Engineer
Engineer: MPE Engineering Ltd
Kevin Whitmire
500, 224 ? 4th Avenue South, SASKATOON
SK S7K MM5
Phone:403-317-3606 Fax:403-317-3606
E-mail: kwhitmire@mpe.ca,
http://www.mpe.ca/corporate/contact.php
Company Name : MPE Engineering Ltd Email ID : kwhitmire@mpe.ca
Owner (Public): Luck Lake Irrigation District
P.O. Box 111 BIRSAY
SK S0L 0G0
Phone:306-573-2066
Notes: DEWB82 - Site visit on May 1 at 10:00 a.m (CST) at the Luck Lake Irrigation District Pump-house located in SE ? 5-24-7 W3M - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Bonds: 10% Bid Bond. Consent of Surety - 50%
Plans available from: Owner (Public)

Additional features: The work included in this project is located approximately 8Kms SW of Birsay, Saskatchewan. Major work items are as follows: 1. Supply and Install 750mm PVC Pipe 2,600 metres 2. Supply and Install 300 mm PVC Pipe 2,500 metres 3. Supply and Install Pipeline Turnout Risers 4 each 4. Supply and Install Pumpout Structure 1 each 5. Install 750mm Butterfly Valve 1 each

2014 Residential Subdivision Upgrades
20140420134297
Village of Paradise Hill
REGINA, SK CAN
SK(DIVISION 06)
201400545920 v6
Action stage: Bid Results
Bid date: 06/19/2014 @ 02:00 PM CST
Valuation: G (750K to <1M)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2014
Owner type: Local Government
Project Overview
Project type: Paving, Sidewalk/Parking Lot, Sanitary Sewer, Water Line.
Report type: Project
Sub project count: 0
First publish date: 06/05/2014
Prior publish date: 10/02/2014
Publisher: McGraw-Hill Construction Dodge
Type of Work: Alterations
Status: Bids in and under review - Award expected in 30-60 days - Bid June 19
Status project delivery system: Design-Bid-Build
Publish date: 11/17/2014
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Associated Engineering (Sask) Ltd
Ed Bobick
9901 Thatcher Avenue NORTH BATTLEFORD
SK S9A 2Z3
Phone:306-445-7055
Owner (Public): Village of Paradise Hill
Marion Hougham
(Administrator)
Box 270 PARADISE HILL
SK SOM 2G0
Phone:306-344-2206 Fax:306-344-4941
E-mail: paradiseshill@sasktel.net, http://www.paradiseshill.ca/contact_us.html
Notes: DEWB82 The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Bonds: 10% Bid Bond.
Plans available from: Engineer
Additional features: The work involves the construction of a 16 lot subdivision complete with water and sewer services, lot grading and road construction.
Boychuck Rochelle Bay & Schumacher Bay U/G
Distribution PR259585

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum



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