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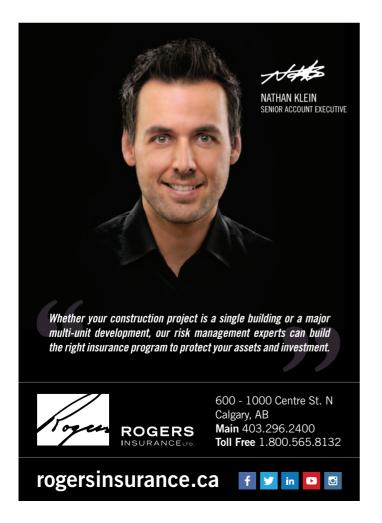
Editor's viewpoint



Can you capture and lead with trend-setting innovation, and avoid being caught in the trap of complacency? Our story about Geremy Gutsche's presentation to the Canadian Construction Association (CCA)'s annual conference in San Antonio provides some insights – and you can gather others by reading the diversity of stories elsewhere in this issue.

Consider for example the history and evolution of the Canadian Association of Women in Construction (CAWIC) and the profiles of women leaders throughout the country. You can read about fenestration (and the annual Win-Door show in Toronto) and roofing – certainly traditional building aspects that have undergone significant changes in an era of enhanced safety awareness, and environmental and energy responsibility. Architectural innovation and award-winning leadership have been captured in the WoodWORKS! BC Awards.

You can share your news and observations with me by email at buckshon@cadcr.com or by phone at (888) 627-8717 ext 224.



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THE RED MASON Heritage expert calls for more holistic and broad-base masonry trades training MATTH

Canadian Design and Construction Report staff writer

One of the leading international experts on historical brick masonry, residing in England, has shared his insights with Canadians, taking them on a journey of education encompassing the past and future, revealing both aspects of the heritage and opportunity in traditional craft skills.

Gerard Lynch, who holds a PhD for his knowledge of the topic, also put on a mason's apron and prepared some mortar, made according to historic practice, before demonstrating "tuck pointing" utilizing specialized and bespokemade tools adapted from traditional practices, and provided other classroom and workshop demonstrations during the two-day Ottawa program in April, co-ordinated by the local Construction Specifications Canada (CSC) chapter.

Lynch has spent a lifetime studying and rediscovering long-lost masonry craft skills, vital technical knowledge for the growing demand in heritage renovation projects, notably the extensive multi-year Parliament Hill work. He has become affectionately known by the historic name "The Red Mason" because of his mastery of the high-level art of working and carving special bricks for architectural enrichments and vast historical knowledge of red (brick) masonry and, he jokes, also because his now-grey but formerly red (ginger) hair.

Heritage craft skills remain reasonably rare, he said. "The work I've been doing over the past 25 to 30 years has advanced the situation within traditional brick masonry from almost zero to (the point where there are) a number of very good craftsmen and women able to do this class of brickwork," he said. "It's been very much a journey of personal passion, devotion to my craft and re-discovery."

Lynch has combined his almost 45 years of on-the-job craft experience with in-depth, scholarly, academic research, notably pouring over historic documents and old guides to his craft. He quickly recognized gaps – for example, how historical documents explaining past masonry techniques often left out important details, which he needed to rediscover through his natural talent - that saw him win top apprentice in the UK and awarded the Silver and Gold Trowels alongside exhaustive practical testing.

Those original masonry publishers "were clearly holding on to craft secrets and mysteries they didn't want to completely share," he said. These skills and secrets were passed on from generation-to-generation through traditional apprenticeships.

"When one signed an apprenticeship deed, one agreed not to divulge the mysteries (secrets) of their art." This limitation on knowledge-sharing served two purposes. It preserved the craft's prestige and safeguarded careers for craftsmen. More importantly, he said, in a practical sense some of the advanced knowledge would only be useful after the mason had successfully mastered the basic craft skills, because a little of this advanced knowledge, learned too early, or passed to someone without formal training, could do far more harm than aood.

Lynch says he is pleased that a new generation of heritage masonry craftspeople are learning some of the best of the traditional craft knowledge and skills on Parliament Hill, through the high-level education and training being provided there, but he is generally concerned about the basic process of training young masons, where expediency and production efficiency, based solely on new-build with an accompanying and less than satisfactory emphasis on education. does not leave much room for more traditional or deeper, meaningful, level of craft knowledge.

"We need what I term the 'holistic craftsman', taught to possess an allaround perception and ability within the craft, with knowledge of the old ways and modern techniques, that are in perfect balance and which can be called on as and when required," he said.

However, the trend today is for "accreditation on short, modular, courses" – training without the all-important education.

"People controlling budgets say it costs too much money (for a fullyrounded education and training)," he said. "They rationalize saying things like: 'Why can't we get these apprentices and adult trainees in and out of the system quickly?""

The result: Modern tradespeople are not craftsmen, they don't possess 'crafting' skills only 'fixing' and 'assembly' skills, and lack an appreciation of their craft history, and so they "don't have any empathy with the historic structures that they find themselves working on . . . they won't ever have an appreciation of the traditional materials and techniques, appropriate to that certain period of that building's history to work on it correctly; and unable to answer any specific questions about this if someone picks them up enquiring on them."

These are at best semi-skilled masons but as such are typical of those who, through lack of quality education and training in a craft, will use incompatible or inappropriate materials, craft practices and an inadequate standard of workmanship; all of which will result in more harm than good, he said.

"Throughout history no one ever made money in delivering quality apprenticeships," Lynch said. "But when you fail to educate and then undertrain people within their craft, their work eventually costs you a huge amount of money at some point in the future; and particularly so when that occurs on our precious stock of historic buildings.

"Bad work costs an inordinate sum to correct. It's far cheaper to invest and do it right in the first place."



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Trendhunter.com's Geremy Gutsche speaks to the Canadian Construction Association

TRENDS AND CHANGES

Can the construction industry understand and adapt to the pace of innovation and the millennial generation's values?

By Mark Buckshon Canadian Design and Construction Report staff writer

When Trendhunter.com's Geremy Gutsche and members of the Canadian Construction Association (CCA) travelled to San Antonio, TX in March for the association's annual national conference, they landed in a city steeped in tradition and history (the Alamo), combined with cuttingedge innovation and entrepreneurial initiative.

The association also captured the balance between tradition and innovation by selecting Gutsche to be the keynote speaker, where he shared examples (and warning stories) of businesses that had been at the top of the pack,

but quickly failed because of innovations and technological changes that seemed unimaginable a few years earlier.

In his books and materials, he cites the well-known examples of Kodak, which developed the digital camera, Blockbuster Video (which could have purchased Netflix for a relative pittance), and Smith-Corona, which had the opportunity to enter the computer business but instead decided to focus on saving money by relocating its manufacturing to Mexico – as it developed a then-impressive

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electronic typewriter with characteristics of a modern computer laptop. (If you look for Smith-Corona now, you'll discover a business that sells thermal paper rolls – its legacy typewriter repair business has been hived off to another organization.)

But what about the construction industry?

In a video interview posted on the CCA website, Gutsche said successful people and teams are victim to three traps.

"The traps are that we become complacent, we lose that hunger we had when we were first out of school," he said. "We become repetitive. We do what happened before instead of trying something new, and we become very

protective of our ideas."

"We assume we're correct, we create fortunes, we attribute our fortune to that idea, and we're not really as open to whatever the next generation or the next customer has to say."

Then, how can the construction industry deal with these challenges? He said the challenge relates to the integration of projects and initiatives – where, for example, for a hospital, the "RFP is not just for a building; its actually to create patient care at a much different level." "I think that the question you need to ask yourself is what exactly is it that you're trying to do," he told an interviewer. "Are you building a building? Are you paving a road? Or are you solving a different need?"

"The more you push yourself, there are critical questions you can ask that would lead you to better understand how your construction business could evolve."

Gutsche added: "The other huge trend that's going to be impacting construction is the generational shift as we go and shift the power of control from boomers to millennials."

"Millenials aren't motivated by money," he said. "They're not motivated by putting in a career of decades of effort into one company. They're motivated by completing, by feeling a sense of belonging, by feeling as if they're in charge and running their own projects."

"This is something that scares off a lot of the engineering in more traditional companies that I've worked with, but the other way to think about it is the attributes of a millennial are very similar to the attributes of an entrepreneur. By reengineering how you motivate that new group, you can actually benefit from a group of hungry minds that want to help you adapt."

Of course, putting these words into action can take some effort and, as Gutsche indicates in other materials, no one can really predict the future. The key is to be able to capture the trends – and the examples on his website trendhunter.com may seem a bit different from the challenges most architectural, engineering and construction businesses encounter in their day-to-day operations.

However, some AEC businesses certainly "get it" – for example, the trend to green and energy-efficient construction. In Ottawa, Jonathan Westeinde built Windmill Developments as a pioneer in environmentally-responsible development. A few years later, dozens of contractors proudly proclaimed they could handle co-ordinating LEED (Leadership in Energy and Environmental Design) projects, but they were catching up, not leading.

More recently, Ottawa architect CSV has started pioneering with Passive House construction techniques – achieving extreme energy efficiency without excessively complex systems and processes in the construction. Is this work just ahead of the curve?

On the other extreme, several general contractors have been complaining about bundling and the impossibility of competing against well-funded international competitors as job sizes and financing complications grow larger and increasingly sophisticated. How can they adapt when the barriers for bidding seem to be growing at an exponential rate? Some are leading with Integrated Project Delivery (IPD); others are capturing new trends such as 3D printing and virtual reality modeling, and of course, Building Information Modeling (BIM). But when do you go with the flow, hold back, or decide to take a leap into leadership?

"People don't realize it, but here we are experiencing history's highest rate of change, and yet we don't learn about chaos in schools," Gutche said in the interview. "We are actually approaching the world with a brain that's evolved from 10,000 years of evolution, and all of that leads to a series of traps, traps that block successful peo-



ple in particular from adapting.

"I'd like to say that 10,000 years of evolution as farmers means that we farm our opportunity, and once you find what you're successful at, your career, your occupation, your go-to way to run a project, then you repeat and optimize whatever led to last year's harvest, and that's helped us feed ourselves for 10,000 years, but actually at time period of change, there are a lot of pitfalls to that."

Gutsche (and the CCA) provided a link to background material from his presentation at the CCA conference at www.trendhunter.com/secret/construction. (It isn't a secret when it is posted on a public website, of course.)

Mark Buckshon is president of the Construction News and Report Group of Companies, which publishes Canadian Design and Construction Report. You can read his daily blog at www.constructionmarketingideas.com or email him at buckshon@cnrgp.com.



New generation discovers traditional values remain critical for success in competitive industry

Canadian Design and Construction Report staff writer

How does the new generation of general contractors view the industry and its future?

The answer, according to a group of relatively young Ontario company presidents, is that the values underlying previous generations' successes remain the key to the years ahead. And it seems the work ethic for these leaders is as strong as it was for their parents and grandparents, they told the Ontario General Contractors Association (OGCA) symposium's presidents' panel this spring.

"We need to have leaders in the field," said incoming OGCA president Jason Ball, moderating the panel. (Ball is president of Ball Construction in Kitchener.) "How do you grow people to become leaders?"

Joel Melloul, president and CEO of Melloul Blamey Construction in Waterloo, provided an insight that several other panelists echoed – he inherited his opportunity, and values.

"With (my) journey, it began in 1982," Melloul said. "I was 10 years old. My dad and his best buddy from Conestoga College, they were laid off twice in quick succession by two different contractors due to the tough economic climate, and they decided they would have one last go at the industry on their own terms and not



OGCA's young presidents: (from left): Victor Aveiro, James Van Gurp, Joel Melloul, Jason Bell and Marcus Gillam.

someone else's terms."

It was the middle of the winter and the middle of a recession, and "at that point in time they had nothing to lose."

Melloul said his father called him to wake up early on his tenth birthday. "I had leftover birthday cake from my sister's first birthday for breakfast" and then father and son went to work at a decrepit old building in Kitchener to create the new business's first office. "He needed help fixing things, vacuuming orange curtains, green carpet tiles" in the cheap-rent location. "I don't think it was labouring in those dusty rooms," he said. "Spending the day with my dad made it fun."

He said "all my childhood memories and exposures to the real world revolved around construction." By the time he was a teenager, the business had grown enough to move to its present location, and he had a high-paying summer job.

He went to university in engineering, toured Europe for four months, and then his father "begged him to start" in the business.

"Dad threw me into the estimating department learning from (partner) Dave Blamey how to be a successful estimator."



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"As I grew within the organization, so did the organization grow."

"In about 15 years my role evolved from a junior estimator to vice-president (and then president) – and my field of vision got bigger and bigger and to this day is getting even bigger at the OGCA as well."

There were problems along the way, including his parents' divorce. "That's where I learned about patience and resistance to dealing with anything in a rash way," he said. "Sometimes (it is best) to let things play themselves out before meddling."

He said he's learned that you need to keep changing and learning. His business has evolved from fixed bid public work to contract and negotiated work, but when times demand it, it can compete for the competitive public jobs.

"If you are not changing, you are dying," he said. In some cases, in the morning, you have to make a decision, "and by noon you have to be prepared to make the exact opposite decision."

Victor Aveiro with Aveiro Constructors Ltd. in Dorchester, ON, just outside of London, described a somewhat similar family succession story. His parents started the business in 1985. In the early years, they completed "small and mostly local projects" installing Steelway buildings, specialty formwork and other challenges. "When times were tough and there wasn't work to find locally, they looked for opportunities that could be anywhere in the world" – leading to opportunities in Nepal, Latvia, Lithuania and through the Caribbean.

"I started in the business when I turned 16," Aveiro said. He was one of the few teenagers in his high school who drove to class with a cellphone, because after school he needed to deliver screws or grinding disks to the job sites.

He has continued to grow the business.

James Van Gurp from Graceview Enterprises Inc., also in the London area, also recalled his youth growing up in a family-owned construction business. "When I was 13 or 14 years old, I got to participate in the tender process from time to time" answering the phones as subs called in their quotes.

Marcus Gillam, president of Gillam Group Ltd., meanwhile, experienced the evolution from seeing his father becoming a leader of one of Toronto's largest general contractors, Vanbots, then experiencing the transition to corporate ownership under Carillion, before he took the leap back into entrepreneurship and his own business.

"It is remarkable how everyone in the panel has a parallel theme about how they got to where they are today," he said. "Some of the themes are the core values, mentoring, value of education, value of life-long learning, technology, dealing with failure, family issues and succeeding with uncertainty around you, that pay the dues over the long term."

Gillam said his father immigrated to Canada from the UK. His father and a partner bought into Vanbots in the early 1990s, initially dreaming of reaching volumes of \$20 million a year. By the time they sold the business to Carillion in 2008, "annual volume was \$750 million a year" with offices in Montreal, Ottawa, Vancouver, Alabama, Arizona, a presence in England and an office in Dubai.

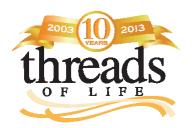
Gillam gained international experience, working on a UK project "where we had to deliver \$400 million in 2.5 years," he said. "The client was very demanding to work with. I struggled but it was a good thing – it allowed me to grow personally."

In 2011 he decided to go in business for himself. "It was fairly tough knocking on doors" before he won his first contract, a \$40,000 project. He recalls showing up to help build the hoarding for the job site so they could keep it within the \$1,000 budget."

Five years later, "we have a staff of 60 people, an excellent safety record and we have repeat clients."

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Canadian Construction Association (CCA) recognizes construction industry champions



The Canadian Construction Association's (CCA) has announced its 2014 awards of excellence and recognition, recognizing the important contributions of individuals, organizations and projects that promote and enhance the Canadian construction industry, whether through innovation, projects, or dedication to the industry.

"It gives me great pleasure to highlight these individuals, companies and associations for their contributions that benefit the Canadian construction industry," outgoing CCA chair Serge Massicotte said at the association's annual conference in San Antonio, Texas. "The CCA award recipients truly are an inspiration for us all to try reach the next level."

The 2014 Canadian Construction Association award recipients are:

AWARDS OF RECOGNITION

- General Contractor Award of Recognition – Jason Ball, Ball Construction
- Trade Contractor Award of Recognition – Kevin McEvoy, Guildfords
- Civil Infrastructure Award of Recognition
 - Frank Rizzardo, Emcon Services

AWARDS OF EXCELLENCE

- Gold Seal Association Award Newfoundland and Labrador Construction Association
- Community Leader Award Norm Castonguay, Asbex Environmental Contractors and Heritage Grade
- Partner Association Award Association de la construction du Québec
- International Business Award Sièges Ducharme
- Environmental Achievement Award PCL
- National Safety Award Grand Valley Construction Association

Excellence in Innovation Award - PCL

ABOUT THE WINNERS

General Contractor Award of Recognition – Jason Ball, Ball Construction

Jason Ball, president of Ball Construction Kitchener, Ontario, is a past chair of the Grand Valley Construction Association and the incoming chair of the Ontario General Contractors Association. He joined the CCA board in 2007 and has been serving as the chair of the General Contractors Council since 2013. Under his leadership, the GC council has been active in promoting innovation, through its approval of the CCDC's initiative in developing documentations to support integrated project delivery (IPD) projects and the council's research into lean construction to improve productivity and reduce waste.



Trade Contractor Award of Recognition – Kevin McEvoy, Guildfords

McEvoy, the Newfoundland and Labrador branch manager for Guildfords, an insulation contracting firm, is a past chair of the Newfoundland and Labrador Construction Association, a board member for the Construction Labour Relations Association and a director at large for the CCA. "On the CCA Trade Contractors Council, Kevin is valued for his astute insights, his ability to generate discussion, identify priorities, and for offering his expertise," the CCA says. "He has been involved in issues such as the naming of subtrades, prompt payment, strategic planning outcomes, safety prequalification, the updating of the Trade Contractors Guide and Checklist, and apprenticeship and labour supply."

Civil Infrastructure Award of Recognition – Frank Rizzardo, Emcon Services

President of Emcon Services of Merritt, British Columbia, and a past chair of CCA, Frank Rizzardo has worked with the Transportation Association of Canada, the World Road Association, Western Canada Roadbuilders and Heavy Construction Association, the BC Road Builders and Heavy Construction Association as well as the Merritt & District Chamber of Commerce, Applied Science Technologists and Technicians of BC and the local Rotary Club.

"Every successful business uses innovative ideas to keep them at the leading edge whether they consciously acknowledge it as innovation or not," the CCA reported. "When the BC Ministry of Transportation first presented the idea of exploring Road Weather Information Stations, Frank offered his three road maintenance areas to be the test sites because he believed in providing better information to the public and his staff about the road conditions."

During his time as CCA chair, he lobbied for the \$53billion Long Term Federal Infrastructure plan to foster economic growth and prosperity.

Gold Seal Association Award – Newfoundland and Labrador Construction Association

The Newfoundland and Labrador Construction Association (NLCA) has continued to increase awareness of the Gold Seal program, and has recently partnered with its provincial government to further advance education and skills for the construction industry. This initiative will offer a new suite of training support for employees in the construction industry to meet acknowledged labour market training needs. 50 employees from member businesses in all regions of the province have been identified to undertake the initial training, which will take place in the association's Centre of Excellence. Participants will also be able to video conference in through the education and training space at Academy Canada's various campus locations as a result of the industry stakeholder partnership. All employees are new entrants to the Gold Seal Certification program and will go through the Gold Seal application process.

Community Leader Award – Norm Castonguay, Asbex Environmental Contractors and Heritage Grade

Catonguay, president of Asbex Environmental Contractors and Heritage Grade with offices in Montreal, Quebec, and Ottawa, has become a model and leader for community empowerment. For example, in the summer of 2014, he renovated the cabins of Camp Amy Molson, an underprivileged inner-city Montreal children's camp, securing the camp's existing camp rating and enabling maintaining their funding. In another example, challenged by a skilledworker shortage, he worked with the John Howard Society to employ former prisoners. Castonguay's commitment also reaches into sports and last year he received the Dive Canada President's Award for his exceptional support.

Partner Association Award – Association de la construction du Québec

Association de la construction du Québec received the

CCA Partner Association Award for its work on providing training services to its members, for forging strong ties and increasing collaboration with its regional associations and for devising a strong strategy for restoring the industry's image.

International Business Award – Sièges Ducharme

Sièges Ducharme, located in Montreal, Quebec, has been providing spectator seating solutions since 1959. Its expertise in resolving fixed-seating requirements for the institutional market – schools, colleges and universities; libraries; places of worship; healthcare facilities and military bases - is well known, and its reputation for excellence is based upon its ability to identify and respond to facility challenges by providing custom solutions. The business has maintained and undertaken projects in the US, even after the 2008 economic downturn.

Environmental Achievement Award – PCL

PCL was awarded the CCA Environmental Achievement Award for work on the Wood Innovation and Design Centre (WIDC) in Prince George, BC. The storey WIDC is the tallest contemporary wood building in North America and is a showcase of innovative uses of wood that will lead to community sustainability and resiliency. The structural concept used in the WIDC is "dry construction," virtually eliminating the use of concrete above grade. The wood used to build the WIDC stores some 1,280 tonnes of carbon dioxide, equivalent to taking 339 cars off the road for a year, or the energy needed to operate a home for 151 years. An example of the green practices used in the WIDC is cross-laminated timber (CLT) made out of mountain beetle-killed pine. This is an area where Canada is ahead as no manufacturers in the United States currently produce the product. Another green practice was the approach to fire resistance. Rather than protecting the wood structure from exposure to fire by covering it with non-combustible material, the wood was left exposed but the sizes of members were increased.

National Safety Award

- Grand Valley Construction Association

The Grand Valley Construction Association (GVCA) in southwestern Ontario has succeed in safety through customization. The association's safety expert works closely with each member, with the association facilitating meetings that focus on members' unique needs and concerns.

The association offers a suite of opportunities that include Safety Groups, Safety Lite, Safety Training, and Safety Chapters, each of which provide access to health and safety training and information. The Workplace Safety and Insurance Board (WSIB) has increased the number of audits of firms in the last two years. The GVCA provides in-depth preparation for the audits and its members score 100 per cent on almost every audit. The association's Safety Group members are also experiencing significantly lower Lost Time Injury Rates than average and the association is proud of its year-over-year performance improvement.

Excellence in Innovation Award – PCL

PCL won the CCA Excellence in Innovation Award for Calgary's Airport Trail Tunnel, a cast-in-place tunnel structure housing six traffic and two LRT lanes. Starting the design in April 2011, the tunnel was completed in October 2012. The project team was able to meet the schedule due to an innovative approach that maximized the flow rate of the concrete pour without exceeding the pressure limits of the formwork. The pressure exerted by the poured concrete produces an electrical output signal that is received by the small face of the transducers mounted flush with the inside of the form at pre-determined points, and is transmitted to a portable instrument box that measured





and recorded pressure data. The box then converts that signal and communicates the data to a visual display as well as a data log. Onsite personnel monitors the pressures as the concrete is being poured and communicates the information to the pouring crew. As pressures approach the limits of the formwork design, crews can be informed and the pour-rate can be slowed accordingly. Conversely, the pouring crew can also be informed if the rate of pour can be increased without compromising the integrity of the formwork.

More information, including videos from the awards gala and a list of past recipients, is available on the CCA website at awards.cca-acc.com.



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12 - April-May 2015 — The Canadian Design and Construction Report

REQUIRED

Ottawa ICF: Contractor continues business with history associated with Mike Duffy trial

Canadian Design and Construction Report staff writer

The person who purchased the business associated with Mike Duffy's senate expense scandal says the company continues to operate, providing energy-efficient insulating concrete forms for foundations and walls.

Stan Buck says "I feel I'm getting a bit of bad publicity" from the story. However, he says he has nothing to do with the scandal, and the controversial activities of the numbered company operating as Maple Ridge Media and Ottawa ICF predated his purchase of the business in 2012.

The company had previously been owned by the Donohue family. Duffy's friend, Gerald Donohue, was to testify in April at Duffy's trial on 31 counts of fraud, breach of trust and bribery, but could not attend court because he had been hospitalized and was recovering at home.

"He's (Donohue) a very good man and a very decent man and a well accomplished man who wants to tell his side of the story," Duffy's defence lawyer Donald Bayne told reporters, according to a published Canadian Press article.

In court, Donohue's son, Matt Donohue, said he didn't know anything about the Senate business. He said although he was a 40 per cent shareholder in the family company, he didn't know the details of his father's dealings with Duffy and he didn't recognize any of the non-construction subcontractors who received payments.

"The affairs of my father and his friends and acquaintances was really none of my business, so I didn't stick my nose into the nature of it," Matt Donohue reportedly testified, saying that he was currently unemployed.

Buck said he purchased the business from the Donohue family in 2012.

"We have two ICF jobs going on right now, and four later on and into the summer," he said.

Buck said "I built the house Gerry and Gail (Donohue) lived in and am still in contact now," he said.

He says he is getting feedback from the Duffy trial publicity. "Everyone knows where I bought the business from – I'm getting some ribbing now – this is one of those things; it will get back to normal."

Buck said that while the ICF construction may require an investment about 20 per cent more than conventional construction, the payback in energy savings can be substantial, depending on the structure and the type of fuel used. He estimated that on average there is a five year return on investment.

He says most of his business arises through leads from the ottawaicf.com website. He has changed the site little since taking over the business.

"The Donohues were more involved in that kind of stuff," Buck said. "I did the labour while they did the administration."



The site generates a couple of leads each week through the winter, "and once the weather starts to break, in March there are four or five a week." While most of his work is residential, he has some commercial projects as well.

In late April, the domain registration for Ottawaicf.com showed Gerry Donohue of Maple Ridge Media as the site's current registrant. When Canadian Design and Consruction Report informed Buck that the former Donohue's name was still associated with ottawaicf.com, he responded: "The domain registrant has been changed and our web developer is in control of the website."

In testimony at the Duffy trial, Matt Donohue said Gerry Donohue didn't have signing authority for the business. Court testimony indicated that once in 2012 Gerald Donohue "signed to a cheque to himself for \$10,714 in 'expenses'," Canadian Press reported.

"When we go through some of these cheques and you see him writing cheques to himself, does that cause you any concern?" CP quoted crown attorney Holmes as asking. "I don't see any issue with him being compensated for expenses on my behalf," Matt Donohue was quoted as answering in court.

There is no suggestion in any of the court testimony or other materials that Stan Buck had any knowledge or association with the matters associated with the Duffy trial.

Instead, Buck hopes the story will get back to the advantages of ICF construction, and its powerful insulation properties. "You can't blow wind through concrete," he said. "It performs a whole lot better than a conventional wall." As for basements, under current building code energy-saving requirements, "most builders have to put Styrofoam on the outside" of the concrete foundation. "Instead of affixing styrofoam, which can break off, with ICF, it's put right into the wall."

NEWS BRIEFS CONSTRUCTION ACROSS CANADA

BRITISH COLUMBIA Condos and tourist accommodations

province's largest current construction projects

Homes and hotels have become the leading drivers of BC construction industry activity, the Association of Consulting Engineering Companies British Columbia reports.

The association says about half the value of the 20 largest projects, worth about \$5.6 million, have been condominiums and tourist accommodation.

Perhaps the largest current project is Concord Pacific's \$1 billion central condominium development on the north shore of Vancouver's False Creek, with retail space, 90,000 sq. ft. of community amenities, an expanded casino, and 1,300 homes in eight towers.

Major resource and infrastructure projects are on the books, and if they were built now, would cause significant labour shortages, labour union leaders indicate. These include BC Hydro's \$8.8 billion Site C dam and a proposed Liquified Natural Gas (LNG) project.

Seismic upgrades underway for Vancouver schools

The Vancouver School Board says it will take several years and much money to successfully upgrade 69 schools to be able to withstand a major earthquake.

CBC reports that 22 schools requiring upgrades are "about to proceed to construction" and the typical cost for improvements to an elementary school are \$20 million.

"We hope that we'll have our seismic upgrade done before the big one," VSB director of facilities Jim Meschino told the CBC.

"When an earthquake will strike is anybody's guess. Our concern is, let's try and get as many done as we can."

Education minister Peter Fassbender has created a joint office with the school board, dedicated to the upgrades, CBC reported.

"That would be the best thing we

can do is to get more people working on these projects and to get more projects happening at one time," Meschino said.

ALBERTA Contractors of the Year recognized

The province's Contractors of the Year were recognized at a recent Edmonton gala.

Kemway Contractors (2006) Ltd. won the award for general contractor under \$50 million with PCL taking the over \$250 million category in the event co-ordinated by Alberta Ventures Magazine and the Merit Contractors Association.

Other winners include:

- Trade contractor under \$15 million: EverLine Coatings and Services
- Trade contractor over \$15 million: Multh Electrical Management
- Heavy civl contractor: Taurus Projects Group
- Construction Person of the Year: Brent Fillmore, president of Filmore Construction.

Major Calgary condo breaks ground despite oil price slump

Concord Pacific broke ground in April on the first of two Calgary real estate developments – including a 14storey condo development. The Concord, the company says in a news release, will together provide more than \$1 billion in economic impact.

Affirming its belief in the long-term



value of the local real estate market, Concord said that the timing is right to build now because market conditions offer access to the best quality trades people, and because Calgary is an emerging global city embracing more innovative approaches to urban development.

Concord added that it is now tendering millions of dollars in construction contracts in Calgary through the next 30 to 36 months of building, and that the development will create a new standard for innovative construction know-how.

"As Calgary moves to becoming more urban-centric, the opportunities for great development here are as significant as they were in downtown Vancouver or Toronto two or three decades ago," said Peter Webb, Concord's vice-president of development.

"With location, international shopping, amenities, leisure infrastructure, natural beauty and a sophisticated market, Calgary has all the ingredients of becoming a great global city and Concord wants to play a leading role in helping the city grow while maintaining its strong sense of community and livability."

Despite the economy's downturn



Concord is optimistic about Calgary's long-term value, having been Canada's Western business hub for decades, and because of its young, well-educated, and entrepreneurial population.

SASKATCHEWAN

Saskatchewan Hospital pre-construction commences

Pre-construction work has started on the Saskatchewan Hospital and integrated correctional facility in North Battleford.

"Heavy equipment has been arriving on site," says Battleford's MLA Herb Cox. "The new complex will be built to LEED Silver certification standard, which is recognized as the international mark of excellence for green buildings.



Pre-construction work is to be completed by July 1, including bringing utilities to the site and construction of a temporary construction road. The government had earlier committed \$129 million for site preparation and to start construction.

Plenary Health earlier won the contract from SaskBuilds.

MANITOBA

CSC Conference in Winnipeg May 27 to 31.

The annual Construction Specifications Canada (CSC) conference has been scheduled in Winnipeg from May 27 to 31.

CSC represents an interdisciplinary group of architects, engineers, building product and technology representatives, and other professionals concerned with the specifications process. For more information, see http://csc-dcc.ca/Conferences.

Red River College awarded \$1.75 for building envelope research

Red River College has been awarded \$1.75 million over five years from the Natural Sciences and Engineering Research Council of Canada (NSERC) to establish the Centre for Building Envelope Performance (CBEP) at the Notre Dame Campus in Winnipeg, the college has announced. CBEP is expected to significantly increase access to the college's facilities, equipment, and expertise for Manitoba's building industry, especially small and medium-sized enterprises whose products and services directly impact a building's envelope.

"This grant will provide a meaningful enhancement to our ability to serve Manitoba's construction sector with advanced graduates and professional training, as well as fostering innovation in a critical component of building design and construction," said David Rew, interim president and CEO of Red River College.

CBEP will be operated under Red River College's School of Construction and Engineering Technologies, and will leverage the Centre for Applied Research in Sustainable Infrastructure as well as a previous \$2.3-million five-year grant to conduct applied research on improving the energy performance of commercial buildings.

ONTARIO PCL wins

PCL wins OGCA's best project recognition in OGCA's Ontario Builder Awards

PCL Constructors Canada Inc.'s Toronto Pan Am Aquatics Centre has been named the best project built in Ontario for 2015 by the Ontario General Contractors Association (OGCA).

The OGCA's Ontario Builder Awards, presented at the OGCA's Construction Symposium at Blue Mountain in April, showcases members' recent and best projects, declaring one winner in each of six categories according to construction volume (from \$5 million to more than \$300 million). This year's ceremony contained an element of surprise, as the association decided to choose an overall 'Best of the Best' project from amongst the winners.

"It is an honour for PCL to receive OGCA's inaugural distinction of the Best Project Built in Ontario for this legacy facility," said PCL executive vice-president Chris Gower. "As one of the largest buildings constructed for the 2015 Pan Am/Para Pan Am Games, the project was achieved on time and on budget thanks to the power of innovation and the collaborative relationships built between our team and multiple partners and stakeholders."

With a construction value of \$160 million, the world-class facility is the largest new-build sports facility for the

Pan Am Games and is considered the largest investment in Canadian amateur sport history. At 312,000 sq. ft., it includes seating for 8,000 spectators, two internationally sanctioned 10-lane 50-metre pools, a 5 m. deep diving tank, a four-court gymnasium, an indoor walking/running track, a climbing wall, conditioning rooms, a high performance testing centre, studio spaces, and a state-of-the-art fitness centre.

Earlier this year, PCL accepted the Best of the Best Large Project Achievement Award by the Toronto Construction Association for the project, which was also recently certified LEED Gold by the Canada Green Building Council. As design-builder, PCL worked closely with consultants, trade partners, sponsors and owners to complete the project in July, 2014 following an aggressive 24-month schedule, enabling the facility to begin operations and complete testing events one year before the games.

Bruce Reynolds begins Ontario Construction Lien Act review

Bruce Reynolds has started his Ontario's Construction Lien Act (CLA) review as he prepares to consult with stakeholders sharing some common perceptions but with significant differences about how the industry's payment challenges should be resoled.

The provincial government appointed the Borden Ladner Gervais lawyer with colleague Sharon Vogel in February to conduct the CLA review after a failed attempt last year by associations representing sub trades to push through prompt payment legislation, largely because of objections by several owners and the OGCA.

Speaking at a special session within the OGCA Construction Symposium on April 10, Reynolds said the "expert review" will need to cover some "core issues which are very contentious" as he explores ways to modernize the four-decade-old CLA.

"Where once you consider changing the status quo, somebody is going

NEWS BRIEFS CONSTRUCTION ACROSS CANADA

to like a proposed change very much, and somebody is not going to like a proposed change very much," he said.

He said the first phase of the review – identifying the stakeholders – is almost complete. "We made the only sensible solution, to communicate through industry associations, professional associations and other groups" concerned with the issues under review. "Although the primary mode of communication is with associations, we're taking an open and welcoming approach to anyone who gets in touch with us."

He said the review's next phase will commence when he and Vogel distribute an "information package" to associations and interested individuals. He said the review will also explore how other provinces and other countries have addressed the issues, and "will raise points for consideration for potential solutions."

"My mandate is based on the proposition that everything is on the table up to and including the revocation of the Construction Lien Act." He said because he has been retained by the government as a lawyer and is not technically independent, "we are not intellectually constrained in what we ultimately recommend."

He said he has received a commitment from the government that "our report will be released to the industry promptly upon delivery," by the end of the year.

QUEBEC

Next-generation data centre under construction in Montreal

A new highly secure next-generation data centre is under construction in downtown Montréal, with occupancy scheduled by year-end. This project was made possible by a partnership between the Fonds immobilier de solidarité FTQ and Urbacon.

The data centre will take shape on a 43,000-sq. ft. lot close to the city's financial district. An existing building will be converted into 19,000 sq. ft. of leasable office space, while an adjacent 10-storey building, built to green standards and to the highest security standards for server and data hosting, will add another 234,000 sq. ft. The developers say it will be the only purpose built next-generation data centre in Montreal, and will also be the city's largest, most secure mission-critical facility.

"Many companies have their data hosted in buildings that have been converted into data centres, offering a less than optimal or modern environment and often located outside the city," said Urbacon vice-president Peter Russell. "By building from the ground up, the 544 Project will provide a world-class facility that will meet all relevant criteria in terms of structural aspects, security, mechanical equipment and electrical systems for a leading edge data centre."

"This is a major project valued at some \$70 million and that will create, with construction, almost 600 jobs. We're convinced that companies in search of hosting services will find what they need in this new strategically located, quality building, whose construction is being overseen by Urbacon, a company with 30 years of experience in this field," said Normand Bélanger, president and CEO of the Fonds immobilier de solidarité FTQ.

New Champlain Bridge to be built by SNC consortium despite corruption charges

The Canadian government has selected a consortium including engineering and construction firm SNC-Lavalin to build the new, multibil-





lion-dollar Champlain Bridge connecting St. Lawrence River south shore communities with Montreal.

Other consortium members include US-based Flatiron Construction and two Spanish-based companies, ACS Infrastructures and Dragados Canada.

The bridge is expected to cost between \$3 billion and \$5 billion, with SNC-Lavalin's share between \$1 billion and \$1.5 billion.

The company, with two of its subsidiaries, has been charged relating to the company's Libyan dealings between 2001 and 2011, when one of its senior executives established close ties with Saadi Gaddafi, deposed dictator Muammar Gaddafi's son.

Court documents allege the company offered bribes worth \$47.7 million "to one or several public officials of the 'Great Socialist People's Libyan Arab Jamahiriya,'" as Gaddafi called the nation he ruled until he was overthrown and killed in 2011, the Financial Post reported in February.

SNC and its subsidiaries SNC-Lavalin Construction Inc. and SNC-Lavalin International Inc. are also alleged to have defrauded various Libyan public agencies of approximately \$129.8 million.

The bridge project is expected to open in December 2018.

Regarding the corruption charges, federal infrastructure minister Denis Lebel reportedly said: "We had a rigorous verification. We work with facts, not accusations."

The project is expected to create 30,000 jobs.

NEW BRUNSWICK Broccolini wins PWGSC Miramichi project

Broccolini announced in April success in winning a contract for the design, construction, and leasing of a large-scale office building in Miramichi, New Brunswick for the Department of Public Works and Government Services Canada (PWGSC).

Broccolini will design and build a three-storey LEED Gold certified office project with a gross constructible area of 132,000 sq. ft. The building will include 114,000 sq. ft. of Class A office space.

Construction is set to begin in June 2015 and will span over approximately 2.5 years. When complete, the building will be entirely leased to PWGSC for a period of no less than 20 years.

Broccolini has previously served as design-builder for two PWGSC LEED Gold certified buildings including the 484,000 sq. ft. 22 Eddy office tower project and the 690,000 sq. ft. 455 de la Carrière project, both in Gatineau, Quebec.

City of Fredericton to cancel paving project due to budget issue

The City of Fredericton has canceled one of its 2015 paving projects in order to meet its resurfacing program budget, reports The Daily Gleaner.

According to the news report, Hogan Paving Ltd.'s asphalt tender of \$2.36 million was significantly higher than the engineer's \$2.18 million estimate.

Finance committee chair Bruce Grandy told the city council that New Brunswick's large capital budget had created a lot of work for paving companies, increasing the price of asphalt.

NOVA SCOTIA Construction leaders graduate CANS/ Dalhousie program

The first cohort of the Executive Certificate in Construction Leadership graduated April 9, reports Daily Business Buzz.

The 15-course development program was the result of a partnership between the Construction Association of Nova Scotia (CANS) and Dalhousie University's Faculty of Management's Executive Education.

The cohort-based program was delivered through a blend of face-to-face learning, pre-course work, and a variety of learning methods such as group activities, open discussions and practical applied exercises.

\$60M to be spent on harbour improvements

Sixty-million dollars will be spent on 48 harbour improvements over the next two years in Nova Scotia, according to Peter MacKay, Nova Scotia MP and federal cabinet minister.

A recent news release provides details on 17 of the 48 projects. That portion will cost approximately \$20 million and includes harbours in Pictou, Kings County, Guysborough County and across Cape Breton, CBC News reports.

The federal government said upgrades "will provide a safer and more efficient working environment for harbour users and local fishermen."

NEWFOUNDLAND AND LABRADOR Skills Canada competitions in welding, sheet metal work held in Burin

On April 10, the Skills Canada provincial competitions in welding and sheet metal work was held at the College of the North Atlantic campus in Burin, Newfoundland and Labrador.

Students from the Corner Brook and Labrador West campuses joined students from Burin campus to demonstrate skills they have learned in the welding program, Southern Gazette reports.

The first place winner from each area will go on to join Team Newfoundland and Labrador to represent the province at the national competition in May.

WIN-DOOR

Win-door North America 2015:

Fenestration industry's annual show has new exhibit hall and hours



Canadian Design and Construction Report staff writer

The fenestration industry's Win-door North America 2015, Nov. 3, 4 and 5, will move to a new exhibit hall and floor plan at the Metro Toronto Convention Centre, South Building, Hall D.

New show hours have been announced too. Geared to helping attendees get the most out of their time at Windoor, the show will open on Tuesday, Nov. 3 from 5 p.m. to 8 p.m., then runs Wednesday, Nov. 4 from 10 a.m. to 5 p.m. and Thursday, Nov. 5 from 9 a.m. to 1 p.m.

The floor plan has been revised to give attendees more time to talk to exhibitors, private places to stop and do business and more prominent locations for the Education Pavilion and the New Product Showcase.

"Win-door 2015 will be the same great value you've come to expect," said show manager Patrick Shield. There'll be free parking and free lunches. And, for exhibitors, free materials handling, free drayage and more. What other show gives you so much?"

"Win-door delivers a powerful, qualified audience of window and door manufacturers from across North America," Shield said. "Visitors come for a first look at the newest products, to get the latest information and to experience tomorrow's trends." "Win-door is where they can spec' out new suppliers, stay abreast of industry changes and make buying decisions."

Keynote speaker Michael "Pinball" Clemons will kick off the show on opening day.

Clemons, Toronto Argo's vice-chair, exemplifies the qualities of personal excellence, teamwork, community leadership and overcoming the odds. He started playing with the Argos in 1989, achieving a remarkable 12-year career in the CFL, before going on to coach the team.

This summer, Clemons will serve as the "official quarterback" of the volunteer team at the TO2015 Pan Am and Parapan Am Games.

"Win-door 2015 will deliver all the great features that have made this show such an enduring success for the fenestration industry," Shield said.

The best value in learning is the Win-door Education Pavilion, he said. There, visitors can attend important Fenestration Canada education sessions on the latest code changes and regulations, energy programs and more.

The Exhibitor Space Sales brochure and application forms were mailed out recently and exhibitors are quickly responding to claim their space. Attendee registration will open Sept. 1.

Special hotel rates have been negotiated and details about parking, "Things To Do" in Toronto and other information is available at www.windoorshow.com.

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Win-door is produced for the benefit of the industry by



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EWIN-DOOR

LAURELWOOD MILLWORK: Curved frames and trim for fenestration industry

Canadian Design and Construction Report special feature

Laurelwood Millwork Ltd. in Mineseng Ontario has served a specialized niche within the fenestration industry for almost 30 years: Curved wooden frames and trim, including jam extenders and trim for vinyl-frame windows.

"We're a simple company," said founder Rob Rodgers in an interview from the company's 15,000 sq. ft. plant north of Barrie. "We identified a need years ago as a wholesale manufacturer to the trade."

In the the company's earlier years, most of the clients needed the half-round frames for traditional wooden doors and windows – and Laurelwood continues to provide these (including custom orders) for builders and renovators requiring them.

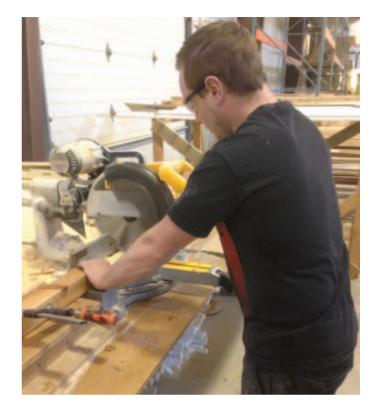
Things shifted in the 1990s with the advent of vinyl frames – but Rodgers said his organization adapted, and provided the required extenders, as well as providing appealing wooden trim.

"The business has managed to flourish in a challenging market," Rodgers said. "We found that sticking to our niche in the market allowed our customers to purchase their transoms from a neutral source."

"The way we've maintained our customers has been through getting it right the first time. The fact that we can get it done quickly is just a bonus."

For more information, see laurelwoodmillwork.com, email info@laurelwoodmillwork.com or phone (705) 737-5315.





Laurelwood Manufactures for prehangers curved transoms with wood & UPVC foam exteriors as well as wooden interior curved casings.



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WIN-DOOR:

REHAU leads in fenestration with CST, Passive Housecompliant products and enhanced sound abatement







Canadian Design and Constriction Report special feature

REHAU, a leading provider of polymerbased solutions in construction, automotive and industry, continues to evolve as one of the top global providers of uPVC window and door designs, meeting increasing efficiency demands and introducing new products to meet the changing market.

James Clavel, sales director for Eastern Canada, says the industry is focusing on structural and thermal performance, but regulations are changing so rapidly and manufacturers are working so quickly to catch up that the messages and terminology are getting muddled. "For instance, our products use compression-seal technology (CST) and while that has become a general term in the industry, it can be overlooked that ours is more compressible than most."

CST is a special gasket compressed be-

tween the operable sash and frame of a window or door, which seals the joint by resisting air, noise and water infiltration for thermal and acoustical performance. Pressure is applied to the gasket through the use of hardware. The hardware is positioned on both the sash and frame so the gasket is compressed, much like a car door.



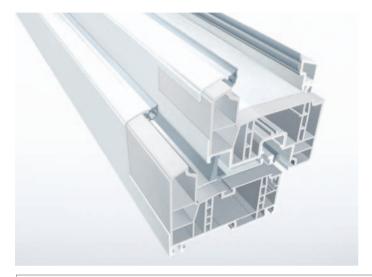
In addition to excelling in CST, REHAU goes beyond what is expected in other areas as well. "Passive house and net-zero construction are both gaining more attention," he said. "We have products that meet passive house standards, but they meet the more stringent German passive house standard, rather than the easier-to-achieve U.S. passive house requirement."

Clavel says REHAU has parlayed its results to meet the German specification, as well as North American codes and standards to provide superior energy efficiency and to give builders peace of mind that they are using properly tested and certified products.

Besides energy savings and performance, REHAU has also taken an interest in products with better sound abatement, something Clavel says will become more important and sought after as urban sprawl increases. "We're

seeing increasing demand already from the manufacturer and builder side for our GENEO line. Through deeper frames with additional seals that provide the same sight lines, we offer window designs that meet high sound transmission coefficient (STC) and outdoor indoor transmission class (OITC) requirements." Other benefits include superior profile designs for higher structural ratings and better forced entry resistance. "Our uPVC frame and sash profiles are welded which allows for superior performance and a reduced risk of leakage."

Never forgetting the creativity of architecture, REHAU also offers the System 2500 Lift-Slide Door, a unique product capable of four-panel configurations up to 32 ft. wide, with large operable sashes up to 10 ft. by 7 ft. weighing as much as 550 lbs that can be activated with minimal effort. The door design features high-performance details like four-chamber profiles, a thermally broken threshold de-





sign and CST technology for outstanding energy efficiency and sound abatement.

Other products include System 4500 Tilt-Turn Windows and Doors which Clavel says offer a range of accessory profiles for joining and installation beyond anything else available in the industry. "We also have our System Äspekt Casement coming this fall. This will be our second commercial product after System 4500 offering a more North American alternative to the Tilt-Turn."

REHAU products offer a wide range of interesting architectural finishes in a variety of configurations and colour options for both interior and exterior.





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Thriving, dynamic organization overcomes barriers and creates opportunities for relationships, community service







From its early 1982 roots as the Toronto chapter 295 of the U.S.-based National Association of Women in Construction (NAWIC), the Canadian Association of Women in Construction (CAWIC) has grown to be a thriving and dynamic organization representing approximately 200 members.

Formed in 2005, this year CAWIC celebrates its tenth anniversary with a look back at its evolution and accomplishments.

FOUNDING HISTORY

Elizabeth Johnston, the Toronto chapter's founding president, says CAWIC's early foundation reflected a significant concern in the industry at the time. "I came from Poland where gender was not an issue. Working alongside my husband in construction here I was surprised to find what a barrier it was and how isolating."

Starting the Toronto chapter proved initially as challenging as working in the industry. Johnston says 15 women were required to officially create the chapter but it took more than a year to secure the minimum membership commitments, in part she believes because women feared the repercussions membership might have with their employers. "There was also a sense among some of the women that they didn't feel worthy of having their own association; didn't see their value in the workplace."

Johnston added that then-Mississauga mayor Hazel Mc-Callion was a great supporter of the pioneering effort.



However, even after the chapter launched, membership proved difficult to sustain and grow. "For a long time we were lucky if we had 35 active members."

Johnston says the Toronto chapter's early goals were simple: gain acceptance and change men's attitudes toward women in the industry; and recognize and support women who wanted to be what they wanted to be.

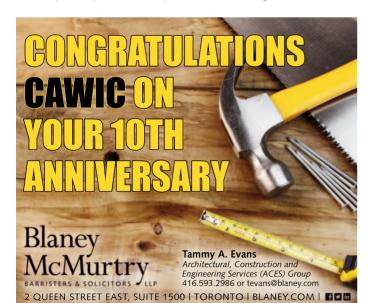
She says she took on a lot of public speaking and worked closely with George Brown College to introduce a course called Introduction to Construction (with a reference book developed and published by NAWIC in the United States) for women or men planning to pursue construction employment. Toronto chapter members taught the course.

The chapter also worked with the Ontario Women's Directorate, developing a blueprint for women in the construction industry, including guidelines for women and employers. It also introduced employment equity measures, intended to improve the economic status and representation of women in the workforce.

A second publication, issued jointly with the Industrial Accident Prevention Association, addressed the need for personal protective equipment specifically for women. "Those were the pioneering times for women entering into the fields which were up to that time consider strictly-male domain."

Over time and through initiatives like these, the Toronto chapter gained industry confidence and support, and grew its membership base, as well as its outreach.

Then the founding members decided, with NAWIC's support, to launch a wholly Canadian association, focused more squarely on the needs of women in the Canadian construction industry. The path to acceptance and raising awareness had





been built.

ESTABLISHING CAWIC

Colleen Sheridan-Shannon is one of CAWIC's founding members who had originally been involved with the Toronto NAWIC's former Toronto chapter. "NAWIC is about providing support and a voice to women in the industry," she said. "We didn't want to change that but wanted to have autonomy and do things more suited to the Canadian environment."

She calls the formation of CAWIC a labour of love on the part of its founders, adding that sorting out and finalizing all of the details of the new association was both challenging and time consuming. "It was something we all really believed in so we worked hard to make it a reality."

Even in 2005, she says women were a definite minority in the industry. While it wasn't hard to get women to join, finding these women still proved a challenge. "By this time there was great support from the men in the industry and from employers so women didn't fear joining."

CAWIC founding president Angela Wilson calls the association's founding a "bold step by its then board, president and the membership who voted to create it." She says with the blessing of NAWIC, along with seed money from the many chapters throughout the U.S., CAWIC was created.

Founding member Mira Fabian agrees that growth in the early days came easily, saying membership just seemed to evolve and grow naturally. "It was hard to pinpoint but the atmosphere was always enthusiastic and welcoming, we encouraged guests, they experienced the camaraderie and friendship CAWIC offered and our numbers grew."

She says what also grew to be enormous was the mailing list of both members and non-members interested in CAWIC. "It probably also helped that our membership (fee) has always been deliberately low compared with other professional associations. That has always been a conscious decision and we were always very proud to be able to offer such a low fee."

She indicates that networking – specifically meeting with other women experiencing similar challenges working in a male-dominated industry – has always been the greatest membership benefit.

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These relationships have additional advantages. "Our golf tournament has always been a very successful fundraising initiative which extends beyond our doors and our bursary program has gotten bigger and bigger with time, giving out more money and more bursaries," Fabian said.

Wilson says additional benefits come from opportunities to volunteer within the association. "Anyone can aspire to become a board member or even president. This gives women a chance to experience these roles within an association, to give back and to become role models for other women in the industry."

Debbie Wadsworth, another NAWIC Toronto Chapter member and early member of CAWIC who later became the association's second president, says in the early days: "There were a lot of events focused around continuing education with speakers on a variety of topics. Over time more of a networking and social focus has been added."

This shift in focus has both invigorated membership growth and provided a basis for many of the benefits Wadsworth sees in the association today. She says CAWIC is, among other things, a great place to find a mentor and to learn about cross-disciplinary fields.

"Many sectors of the industry are still siloed but CAWIC erodes those silos," she said "There is an opportunity to meet with people and to talk about things you don't have the opportunity to during the regular course of work."

Wadsworth says she has always taken the opportunity to invite her own colleagues to association events and over time has seen a growing number of men and corporations become members as well.

Asked to identify CAWIC's greatest strength or event, Wadsworth says there is none, and that in itself is its greatest advantage. "There is no one particular program or discipline or event that is most important. Depending on the stage of your career and your own personal needs, CAWIC is many different things. It is a flexible and dynamic association that meets the needs of its members when they join and as they grow in their fields."

Catya Covassin says her passion for construction led her to join the Toronto chapter 13 years ago where she joined the board of directors, as a director and chair of the Toronto chapter's final holiday gala. From there she says she worked tirelessly with other visionaries to ensure CAWIC became a reality and then took terms as director and vice-president. She also helped organize and chaired several events.

While the original Toronto NAWIC chapter initially struggled to maintain its membership, Covassin says in CAWIC's first two years, the association grew to roughly 200 members.

She says CAWIC was initially launched as an organization for women to connect, network and exchange ideas and challenges. "CAWIC brings together women from all fields and facets of construction and supplements their professional organizations while providing an enriching environment."

She says it also works to connect with industry to provide benefits and opportunities to its members. "Without a doubt CAWIC's strength is its members and industry support," she said. "CAWIC's ability to facilitate the success of women in construction remains true to its cornerstone principles of leadership, mentorship, membership and partnership."

That industry support has been evident since CAWIC's launch event on April 25, 2006 where more than 350 attended



to show their support.

Covassin says as CAWIC continues to grow, marking its first decade in the industry, expansion with additional chapters will be a positive challenge. "Membership, retention, involvement and growth will always be key in ensuring CAWIC's success."

COMMUNITY CONNECTIONS: HABITAT FOR HUMANITY

While CAWIC supports and engages women and the industry, its community connections are also key. Covassin says the association's second annual golf tournament partnered with Habitat for Humanity. One of Habitat's new home recipients gave a heartbreaking speech about the family's journey. Habitat for Humanity has remained one of CAWIC's community partners throughout the years.

Julie Pigat has only been a member of CAWIC for two years, but as branch manager with United Rentals Power HVAC, and one of the team leaders of the company's employee resource group Women United for Canada; she is a strong advocate and supporter of the association.

"United Rentals supports associations like CAWIC and in my various roles I certainly encourage women to join the association and to get involved."

Pigat says through CAWIC women find a networking resource unlike any other group. With a membership built primarily on women and focused on women in the industry, she says it is a place to share trials and tribulations, to get information and to share ideas for change.

In her own career, she experienced challenges as a woman trying to break into the male-dominated profession and says it took one employer willing to give her a chance. Now with United Rentals, a leader in diversity hiring, she says she has many female colleagues and that together they have a very supportive and positive work environment.

"One of the best experiences of my life was a women's build for Habitat for Humanity that was arranged through CAWIC and sponsored by United Rentals. It was a great initiative where a terrific group of women that I am honoured to call my colleagues came together to take part in this incredible day. We all want to participate in something like that again. Being part of that group of women coming together for such a worthwhile cause was an amazing experience."

CAWIC TODAY: LEVEL BEST

CAWIC is in the midst of an important industry initiative, the CAWIC Level Best Women's Advancement Project, led by chair and board member Tammy Evans. Level Best is a 36month project funded by Status of Women Canada and launched in January 2014 to conduct research and develop a targeted, measurable action plan for Canadian construction industry employers, trade and alternative unions to increase hiring, retention and advancement of women into leadership roles within the industry.





Dr. Kellie Leitch, Minister of Labour and Status of Women says : "Our government recognizes the important role women play in our economy and is committed to creating new economic opportunities for them to prosper in every sector, including the skilled professional trades. This is good for women, good for industry and good for the Canadian economy."

Phase one of Level Best involved establishing partnerships with leading industry stakeholders and cross-Canada recruitment calls for female participants and employer partners. Phase two will involve targeted research led by a profes-



sional research consultant. Phase three will reveal the action plan developed in collaboration with the industry and in the final stage, project partners will be encouraged to implement the action plan within their work environment, culminating with a final report to the industry and the federal Status of Women ministry.

CAWA'C

"This project presents an excellent opportunity for the industry to collaborate and bring about much needed change, to take active steps to increase women's representation and movement into leadership roles within the industry," Evans says.

For more information on the CAWIC Level Best project, contact levelbest@cawic.ca.

Meanwhile CAWIC's impact on the industry and its important initiatives, such as the mentorship program and annual student bursary program, continue to grow.

Supporting its mandate to promote leadership and encourage women to pursue careers in the industry, CAWIC holds a number of fundraisers annually. Funds are channeled into operations and/or directly into the bursary fund to support recipients in post-secondary construction-related programs.

"CAWIC was and is a valuable resource for women in the construction industry," said Johnston. "It provides resources to orient young women from education to opportunities and it provides a strong base of information from across the industry." Sheridan-Shannon says: "CAWIC's membership continues to grow. It is a strong group and remains an experience I have always been very grateful to have had."

Wilson says the diversity of the association's membership has led to some of the most amazing site visits, programs and events; all activities she would not have experienced without the women who work in the industry. "CAWIC is an amazing group of women who are always ready to help and support each other, to share freely their experiences no matter what their position or ability and despite their own challenges and family commitments. To see the association achieve 10 years of success is truly wonderful."

Covassin says she and CAWIC's other founding members (Angela Wilson, Dunya Lackovic, Cathy Chant, Mira Fabian, Colleen Shannon, Anna Basile, Doris McKeogh, Elizabeth Johnston and Nathalie Alloul) are all looking forward to celebrating CAWIC's tenth anniversary and its milestones.

Evans notes that March 8 was International Women's Day and the theme this year is 'Make it happen.' Evans says: "It is critically important now more than ever that women across all industries work collaboratively and actively to not only raise awareness of policies and practices that negatively impact women's success, but that we stand together as a strong agent of change."

For more information about CAWIC, visit www.cawic.ca.

TCA proud CAWIC partner

The TCA (Toronto Construction Association) is Canada's oldest and largest mixed trade construction association. President and CEO John Mollenhauer says the association is a proud partner of CAWIC for a great many reasons, not the least of which is the extraordinary work CAWIC does on behalf of women in construction.

TCA recently awarded CAWIC president Tammy Evans with the 2014 Best of the Best Community Leader Award in





recognition of her work in the industry through both her construction law practice, as well as her years on the Board of Directors of CAWIC.

"TCA recognizes that seeking opportunities to facilitate the long term success of women in construction includes both attracting and keeping women in the industry, as well as ensuring their progression into leadership roles, which ultimately pays enormous dividends in an industry that needs new qualified people now more than ever," he said, adding, "We congratulate CAWIC on its first ten years of success."

General Contractors' Section, Toronto partners with CAWIC to encourage women to pursue professional construction management careers

Canadian Design and Construction Report special feature

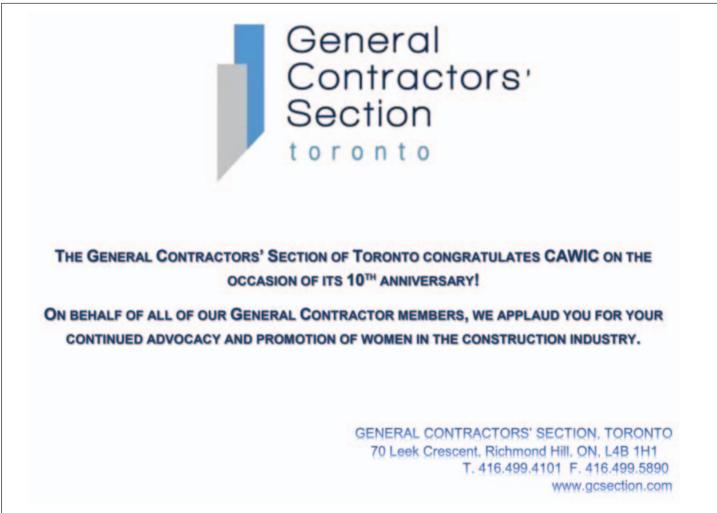
The General Contractors' Section, Toronto (the Section), joined CAWIC as a member and sponsor in January 2014, shortly after it independently incorporated from the Toronto Construction Association (TCA). The Section represents Toronto-based employers in the negotiation and administration of six civil trade collective agreements covering ICI construction.

Director Jim Vlahos says the Section is proud to be a partner and excited to work with CAWIC as part of its education initiative.



"We became aware of CAWIC while operating as a section of the TCA," he said. "We are constantly seeking out the best and brightest to encourage them to pursue professional careers in construction management, including engineering, architecture and project estimating. We believe our relationship with CAWIC will help us to encourage more women to pursue such careers, most hopefully with our own member companies."

Despite its short relationship, Vlahos says the Section has already created and implemented a General Contractors' Section bursary in 2014, which will provide financial assistance



and recognize the academic achievement of female students in post-secondary institutions who aspire to careers in construction related fields. In order to qualify he says, candidates must show clear career objectives relating to the construction industry, leadership qualities and involvement in community activities, as well as a genuine interest in activities that further the advancement of women in construction

CAWAC

He says 10 years is both a long and short time for any association. "Long in the sense that it shows the association's purpose has withstood the test of a decade, is meeting a genuine need and receiving input and support from the industry it's operating within to thrive."

He says 10 years is also short in the sense that its roots haven't gotten too long, and it is still able to grow and move and adapt in a way that will continue to serve its members and stakeholders and respond to ever-changing societal interests and priorities.

"CAWIC brings a renewed sense of energy and a real enthusiasm to make progress in the encouragement and advancement of women in construction," he said, adding that the current Level Best Women's Advancement Project is of vital importance and will go a long way by creating an action plan to better retain, promote and encourage women into construction careers.

The Section also appoints employer trustees to jointly trusteed multi-employer benefit plans providing benefits to workers and Section staff contribute their services to a broad range of other associations, councils and boards of like purposes at the municipal, provincial, national and international level.

He says the Section was proud to be asked to participate in Level Best and he was particularly honoured to be asked to provide input on behalf of the Section's employers, who range from the largest general contractors in the country, to smaller contractors serving particular niche markets within the ICI sector.

"We look forward to a long and mutually beneficial partnership with CAWIC and wish them the best for years to come."

BILD impressed with CAWIC's growing presence and influence for women in the industry

Though BILD (Building Industry and Land Development Association) and CAWIC didn't formalize their relationship until 2011, the connection between the associations existed long before through shared members.

Tuckey says: "Not only are BILD members active in construction across the GTA and invested in women in construction, so too are BILD staff, many of whom are involved in aspects of the construction process as it relates to new home building."

Tuckey says it is clear that CAWIC has a strong

mandate, with serious minds at work dedicated to improving the status of Canadian women in construction. He says year-over-year BILD is continually impressed with the growing presence of CAWIC as an association representing women in the industry.

He says CAWIC has achieved its greatest strength in the ability to connect not only with CAWIC members who are learning and growing in their own sole proprietorships, but also in

CAWIC

making inroads with the Government of Canada, large construction firms, and the trades. "CAWIC brings voices from across the industry together, speaking on behalf of women and their issues, challenges and strengths."

He says the people working on be-

half of the association are clearly dedicated to fostering CAWIC's solid reputation as the industry leader for women in this field and BILD sees that and applauds it.

"CAWIC is a resource dedicated to women like no other. Its wingspan means it can connect women and supporters at all levels, in order to

teach about the needs of women in construction."

Tuckey says the association also forces the industry to think about itself in a way that may not have happened previously, by putting women's issues front and centre.

"We're proud to be associated with CAWIC, and look forward to working together to foster leadership in women across the construction industry for vears to come," he said.

BILD CONGRATULATES CAWIC ON A DECADE OF EMPOWERING AND SUPPORTING WOMEN IN CONSTRUCTION!



Meghann Miller

Vanway Cabinets Ltd. general manager develops client service and family-owned business employee teamwork

Canadian Design and Construction Report

Meghann Miller joined the Prince George, B.C.-based Vanway Cabinets Ltd. when her father bought the business. Starting slowly and learning the business along the way, she is now the family business' general manager

Before joining Vanway, Miller had worked as a service advisor in the automotive industry so she knew service and working with people suited her personality. "With Vanway I now oversee 22 to 28 employees from the design process to the installation process and follow up."

She says that although she is seeing more women in trades and construction now, the experience between men and women in the industry differs. "Being a woman in this industry requires you to gain the respect and trust of customers, as well as contractors. As a woman you have to work harder for that respect and trust more than if you were a man."

She says with time, and more women entering the field, that should change.

Miller says when her father purchased Vanway, the company had a 25-year history in the industry. She says there were challenges in learning the business and taking the reins, while upholding the company's reputation.

As well, she needed to stay on top of the new trends, colours and design ideas to keep up with the ever-changing kitchen design market. "Implementing these changes within our sales division and with the shop personnel who manufacture the cabinets takes effort," she said. "Change is good, but also very challenging."

She says she enjoys the industry's diversity and she loves dealing with customers and contractors, putting their visions into new kitchens, baths and desks.

Miller says she also enjoys her staff and that everyone works together as a team. "We are a family-owned and operated business and we try to treat our employees like family. I take great pride in the business I run and the product we manufacture."

Miller would certainly recommend



the field to other women she says because, although it's challenging, it is also very rewarding. Her advice: "Be strong. Some days are going to be tough and stressful and you are going to make mistakes, but you will only learn from that."

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Nicole Bird defies obstacles and prejudice to succeed at Rsvp Design – Loewen Windows in Edmonton



Canadian Design and Construction Report

As owner and sales professional with Rsvp Design Inc. - Loewen Window Centre of Edmonton, Nicole Bird has faced challenges, including getting into a profession held primarily by men.

Early in her career, Bird started out in the construction industry at a local lumber company, where she worked for 10 years. During her time there, Bird requested a move into a sales position at the order desk. At the time, it was not a position held by any women, and it was not encouraged for women to pursue the sales avenue. Bird was denied a sales position several times, despite her experience, and what she calls her enthusiasm and entrepreneurial spirit.

She says after much frustration she was approached by a salesman with

Loewen Windows who offered her a role. Along the way she was introduced to the dealer side of the business and knew that was where she wanted to be. She has been with the company now for 10 years and in January took over ownership of the Loewen Window Centre of Edmonton.

"Even though I am the owner I prefer to just think of myself as a sales professional. I love building long lasting relationships with the builders, architects and homeowners, and that is truly my priority."

Bird says she believes she has one of the best jobs out there – looking at beautiful house plans and surrounded with design.

Throughout her career she says she has always struggled to prove her worth against men. "I have been told that certain positions are not really supported to take maternity leave and I had one of my bosses give out his son's cards to a few of my customers."

She says it has been a challenge

but she feels it has been worth the struggle because it has made her stronger. "I feel that I have worked extra hard to prove myself. I love showing up on a jobsite and having the contractor look at me first as if I won't know much but by the end of our meeting relying on my expertise and knowledge."

She says her experience has been that women working in male-dominated industries are doubted, questioned and often talked-down-to. "I have been told that I would not be successful as a sales person because of my gender, I have been told that I could not be hired for several positions because I am a woman, and I have proven them all wrong."

She says there is nothing more satisfying than being told "you can't" and then going out and doing it anyway; and doing it well, and in some cases, better than some of her male counterparts. "We may have to work twice as hard, but the satisfaction of a job well done is twice as sweet."



Bird employs another woman at Rsvp Design, but prefers to look to her as a co-worker and as a sales teammate.

As a business owner, Bird challenges herself by balancing working in the business and working on the business. Bird offered "It is easy to get swept up in customers' day-to-day needs, but it is also important to keep the big picture in mind."

She says despite the challenges she is living her dream job and wakes every morning looking forward to what the day will bring. "I get to work with a variety of customers and professionals who are excited about creating a forever home with quality products and with an eye for revolutionary, sustainable, visionary and passionate projects."

Bird says this is a great industry for women and a sales position may be a good fit for other females because of their ability to prioritize and build strong relationships. She says once a woman has proven herself and demonstrated her knowledge, many



clients may prefer working with women because of the empathy, attention to detail and the personal responsibility many bring to the job. Her advice: "Give it your all. Know your product in and out, always keep learning and stay on top of developments in your field."

Bird says her company is just starting to get involved with CEASE (The Center to End All Sexual Exploitation in Edmonton). "Although their breadth is wide, a large portion of their social assistance goes to women in our community who have been marginalized."

Bird says in her own life and career she does not believe in playing the victim. "I believe everything we go through makes us who we become and I am extremely proud."



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VISION FROM WITHIN

Donna Moore

discovers diverse challenges and excitement as CHBA — Calgary's chief executive officer

Canadian Design and Construction Report staff writer

Donna Moore has been with the Canadian Home Builders' Association (CHBA) for 30 years. She is currently the Calgary region's chief executive officer.

Moore came to CHBA-Calgary with experience in the not-for-profit sector. Within construction, she found both challenges and excitement through the industry's ever-changing demands. "Whether the industry is on an

upswing or a downturn, there's always a challenge. And we've had both comparing the last year and this year."

Conditions are "so different, so it keeps you fresh and excited to find the answers that will continue to keep your industry vibrant and successful and to help build a great city and house the many different people who live here or move here to live."

Over the years, she says she has seen an increasing interest in women choosing the homebuilding industry as a career; something she says is a wonderful thing. "When you think about it, women are the ones who are most often the decision-makers in the home buying process because traditionally they have been the ones who are the caretakers of the home."

She says women are instrumental in the design, functionality and organization of a home and are often the ones who are directly involved in running the household so it makes sense to see women taking part in the construction and design of homes from the ground up.

"The industry has traditionally been male-dominated, so we are happy to see the change and encourage everyone to consider this as a career choice."

Moore says there is no other industry so diverse, exciting and interesting because of its many facets. From car-



penters, to roofers and painters, to electricians, and from marketing specialists, to designers, and mortgage brokers, to policy advisors, she says, there is something to interest everyone.

She says there are many women in the industry who are very successful in their chosen careers, including many in upper management.

The Canadian Home Builders' Association – Calgary Region represents more than 650 companies in all facets of new home construction, from sin-

gle and multi-family builders, renovators, and residential land developers, to trades, suppliers, and professional companies involved in some aspect of home building. As many as 37,000 people work in the city's residential construction industry.

The association supports careers in the industry through its annual Student House Design Competition – now in its 44th year. "This is at both high school and SAIT (Southern Alberta Institute of Technology) levels and where we award \$8,000 in scholarships. Many of the winners are girls."

Moore says the association also sponsors several SAIT summer camps revolving around the home construction field, such as the Home Builders Design – for Girls in Grades seven to 12.

For more information visit www.chbacalgary.com.



Lynn Harrison

leads in marketing and relationship-building in Vancouver's home building industry

Canadian Design and Construction Report special feature

Lynn Harrison is president of B.C. - based Harrison Marketing Resources. She is also serving her third term as a Greater Vancouver Home Builders Association (GVHBA) director.

Harrison says she has always been intrigued by the function and design of homes. Backed by an education in interior design, in the early 90s she worked for a company focused on marketing and communication efforts for builders.

"One of our main clients, ParkLane Homes, an award-winning production builder, asked us to join them fulltime," she said. "It was an excellent environment in which to better understand the procedures of construction and marketing of a single family home, but also added the exciting process of building sustainable neighbourhoods."

Five years ago, she launched Harrison Marketing Resources to focus on working with smaller builders and renovators to market their unique brands.

Although she recognizes the industry is still dominated by men, she says she has never let that influence her attitude or approach. "The majority of the people that I meet and work with are very professional and passionate about the industry, just as I am."

She says it is not uncommon to have women in the sales and marketing side of the construction industry, but in the last five to 10 years she has



also noticed more women are entering the construction trades. "It is still very male-dominated on the actual construction sites though," she said. "For those companies who have women on their sites, they seem to have no issue with gender, they just want good work done."

She says from her own observations the success of women on-site is more about the professional attitude of site management and the workers themselves - of both genders.

"I also see more women going into trades and construction management training. With stronger demand for skilled workers, I think that there will be good opportunities ahead."

Harrison believes this demand will cause some change in old attitudes about who a 'typical builder' is. "Personally I don't believe in hiring a woman because she's a woman, but because she's the best person for the job." Harrison says she has always been a supporter of GVHBA and as involved as she could as her career grew and evolved. She has been on GVHBA board of directors for the past eight years, chairing and participated in numerous standing committees and task forces. She was also chair of GVHBA in 2014.

She says the association promotes the industry and encourages young people of both genders to get involved in all facets of construction. "We recognize that there is going to be a shortage of skilled workers in the future and we want to promote our industry as a viable career option."

GVHBA partners with educational institutions, as well as promoting involvement of the younger employees in association events and committees. The U40 committee for instance she says has been successful in bringing out a younger demographic to GVHBA events, getting them involved and listening to their ideas for the association.

Harrison is also a member of the executive board of the Canadian Home Builders Association – British Columbia and the current chair of the CHBA-BC Marketing Committee.

"I'm proud to be a member of this professional organization for the last 25 years. Throughout all the ups and downs of the housing industry, we never lost our focus on promoting the professionalism of the members and benefits for our consumers."

Silveria Roselli

combines marketing, management and development skills as Tavan Developments COO



Silveria Roselli has translated a diverse career in marketing, management and development into a successful role as chief operating officer (COO) and general manager for Vancouver-based Tavan Developments.

Over the years Roselli worked as marketing manager with the Vancouver Canucks and then went on to work with various companies including Studio B Productions, Curve Communications and the Canadian Cancer Society. "I was approached by Tavan Developments when they were looking to expand their business and, having gone through the process of building my own two luxury homes, I was very interested."

Roselli says she was encouraged to take the position by a female client in the development industry, who suggested her management and business experience would support her success.

She says earning the respect of the industry took time. "The fact remains that in this industry the job sites and boardrooms are comprised of primarily men."

She says she feels she has had to gain trust and confidence from the industry in her capabilities. However she says she has developed strong relationships over the years.

As COO and general manager of Tavan, Roselli has driven the business's strategic direction and high standards, while guiding its growth. The company has been recognized with various awards locally, provincially and nationally during her tenure.

Representing the company working with financial stakeholders, investors and banks and, through a well-crafted business plan, she has led Tavan to fiscal sales and target acquisition goals. Roselli uses a long-term, fact-based approach towards managing the business with a strong understanding of people, organizational function, strategy and a strong business insight.

Internally, she says she persistently develops and applies process improvements to enhance Tavan's competitive position and efficiency.

"My management style is to promote an environment that fosters team-work, communication, and accountability, with staff, trades and associates alike. I also build and maintain strong relationships with partners and suppliers."



Understanding her own challenges and successes, Roselli says she would recommend construction and development careers to other women, calling the industry highenergy, exciting and rewarding. She says women bring different perspectives to situations and approaches to solutions. "In recent years there has been a push for more women in our industry to bring fresh perspectives on business development and organization. Enhancing each other's strengths will result in positive results."

Her advice to women considering a career in the field: "Dedicate yourself to continuous learning. There are always new and exciting things to discover and experience. Be innovative, think outside the box and be different than the others. Always contribute to professional and personal growth. It is necessary and paramount to your success in this industry."

She says the industry has been rewarding to her on many different levels. Working with Troy Van Vliet, principal of Tavan Developments, she says has been provided an invaluable opportunity.

"It is great to work around people who share the same values, philosophies and level of energy," she said. "I personally have found my experience as a woman in this industry to be incredible. Even though there have been challenges, there are no serious roadblocks that can hinder my success."

Roselli is a member of the Urban Development Institute (UDI), the Greater Vancouver Home Builders Association (GVHBA) and the Canadian Home Builders Association (CHBA).



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Canadian Design and Construction Report special feature

Arup Datta, founding principal of Calgary-based ARUP DATTA ARCHITECT LTD. (ADAL), has more than 40 years' experience providing architectural, master planning, urban design and interior design services. Internationally known, Datta has received many awards for his work and has been involved with notable projects around the globe.

Prior to founding ADAL in 1988, Datta worked with several other firms across Canada, developing diverse experience in high quality projects and working with top developers for small to large commercial and residential fields. Before moving to Calgary, Datta worked in St. John, NB.

In Alberta as a project/design architect, he worked on

two twin tower projects, Western Canadian Place and The Bankers Hall and was the senior project architect on the Mall of America project and phases three and four of West Edmonton Mall, two of the largest malls in the world.

His diverse experience has been complimented by project management experience, which allows him unique perspective and in the end, an opportunity to deliver high quality projects on time and on budget and to his clients' unique specifications.

Datta founded ADAL based on the business model for a small to medium-sized firm. Despite the company's success he has stuck with that vision as a way to maintain control and the high quality he says he has become known for. "We have a core group of key staff and have never grown beyond about 15. This way we ensure the



processes and systems we follow to achieve our end goal."

He says each project begins with detailed discussions with clients to be sure he understands their needs, intent, the end user needs, budget and any other constraints. He also looks at the site to understand its unique parameters and constraints. "I understand every client and every project is unique so we have a well-defined design process that begins with making sure we thoroughly understand the client and their end goal."

ADAL acts as prime consultant, bringing in top quality consultants to further ensure the project's success. Datta says consultation and brainstorming with the core team begins before design concepts are ever put to paper. This process he say brings everything out into the open early so there are no surprises and a design can be created to suit the exact budgeting constraints with full knowledge of all of the processes and issues laid out.

This unique process in developing conceptual designs, Datta says, is something he has become known for.

Functional design and effective planning is only part of success though. Datta says follow through is the most important part of this design process and that translates to a systematic approach to everything from design to approval of permits to its implementation. "The execution plan implementation is critical," he said.

ADAL is experienced with LEED but Datta says he recognizes many clients do not have the time or money to put into certification. Instead he says energy efficiency and sustainability is at the core of every design he creates to ensure clients are getting the best possible building he can deliver.

ADAL has been recognized with The Americas Property Awards 2014 – 2015 in Retail Architecture for the Lexus South Pointe Project, Edmonton, AB. The company was also recognized with The Americas Property Awards 2014 – 2015 in Architecture for the Multiple Residence for the Callaghan Ravines Project, Edmonton, AB.

Datta has been involved in projects throughout North



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Marcelo Guadalupe Acuña

Coating industry leader receives CRSI Epoxy Industry Service Award



Canadian Design and Construction Report special feature

In March, the Epoxy Interest Group of the Concrete Reinforcing Steel Institute (CRSI) announced Marcelo Guadalupe Acuña as the recipient of the Epoxy Industry Service Award. The award recognizes individuals who contribute time and effort to further the use of epoxy coated reinforcing steel.

Acuña is president of ABC Coating Company, a business that spans many regions, with roots firmly grounded in the industry.

In 1979 Acuña and his then partners Gerald Campbell and Don Benge formed ABC Coating Company Inc. He says they spoke with people who were using epoxy coating on rebar, at that time on projects in New Mexico, learned the process, bought a plant, took it apart and moved it to Oklahoma, creating the first stand-alone epoxycoated reinforcing steel coating plant in the world.

"We had to go through quite a few trial runs to find the right powder for the job. It had to be flexible enough to meet the bend test and that wasn't easy to find."

He says at the time there were not many powder suppliers and most epoxy then was used for pipe coating which did not provide the flexibility rebar required. In the early days, Acuña says Campbell handled sales while he did the fabrication work.

With time and experience he says they learned how to coat eight bars at a time instead of one and began building their own production lines. "We played with the heat and speed of the line, fine tuning as we went to get the right results."

He says the company received valuable support from the mills who they worked closely with to develop a material that was straight and without sharp edges, in other words, a material that could be effectively coated.

During production cycles, Acuña says they had to be on top of the work every minute to ensure the specifications were being met.

As they gained experience, they added plants, in Michigan in 1980, and in Texas and Colorado in 1981.

Over time the company made several other acquisitions in Denver and Michigan, and added another location in Washington, expanding its capabilities and footprint across the country.

As they gained experience, they also gained attention. Acuña says they had representatives from Japan coming to look at their plants and inquiries from Saudi Arabian representatives looking to have similar plants built there. When Campbell died in 1996, the remaining partners resolved the company and Acuña became sole owner of the Oklahoma and Michigan plants.

In 2001, Acuña grew his holdings to include ABC Coating Company of Minnesota, Inc. and in 2003, ABC Coating Company of Illinois, Inc. was added.

Over the years Acuña says the industry has become more technical and the specifications more intense. He says ABC's clients are buying a product that needs to last and stand up, especially in the northern states against salt and de-icing mixes.

The company works with transportation departments in several states and must adapt its own processes to meet local requirements. "Some inspectors have different preferences. Some inspect in-house before materials are shipped, some pre-approve materials, and some inspect each and every load and sheet number prior to shipping."

Acuña says his team meets regularly with state representatives to find out what their needs are, to discuss changes or concerns and upcoming project requirements.

The CRSI announcement noted that throughout his career "Marcelo has provided his time and financial support to the CRSI epoxy plant certification program and ASTM meetings. He has continuously been a strong supporter of the programs of the Concrete Reinforcing Steel Institute (CRSI)."



Acuña has been involved over 40 years in many initiatives to keep the industry advancing. Recently he has been involved with a group seeking alternative sources to fund infrastructure development and sits as a committee member for coating certifications.

The CRSI award announcement further says: "Many members of his family are involved in the ongoing operation of four plants started by Marcelo and his partners, and he has mentored them with a strong commitment to product quality. He has also mentored many others in the industry."

Acuña's sons Marcelo and David, his daughters Rose and Sylvie Rocha, his son in law Fred Rocha, and his grandson Freddy Rocha are all involved in various locations and in a variety of capacities within the company from data entry to dispatch to plant management.

He says his son-in-law David, the oldest, has been with the company for many years, beginning when Acuña worked in the concrete industry. Marcello Jr. helped get the Washington plant operational when he was just in his teens and the others came on at various times over the years.

"I'm very proud to have my family involved and proud of them. They knew it would be hard work but they have all been committed to being part of the company and of doing the work that requires."

He says some of his grandchildren are now in college and he hopes some will choose to join the family business after graduation as well.

"In this highly competitive industry of corrosion resistance, it is important we continue to improve our materials and our processes to stay competitive and to stay economical for our project partners. I am proud to have my family with me in this endeavor."





CONGRATULATIONS **Marcelo Guadalupe Acuña** The Recipient of the

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ROOFTech 2015 Vancouver

Roofing industry, contractors, suppliers and manufacturers congregate for learning and relationship-building





Canadian Design and Construction Report staff writer

ROOFTech 2015, the Canadian Roofing Exposition, held May 5 and 6 this year at the Vancouver Convention Centre (East building), provided a special opportunity for roofing contractors, suppliers and manufacturers to congregate, learn, do business and build relationships. This year's event also offered increased opportunities for continuing education credits.

Canadian Roofing Contractors' Association (CRCA) executive director Bob Brunet says the show, held every two years, rotates between Toronto, Vancouver and Montreal. This year, for the first time, each day's seminars and all six of the two-day demonstrations, counted towards continuing education for attendees. "All eight sessions count towards AIBC (Architectural Institute of British Columbia) and RCI credit," he said.

One seminar, called Wind Uplift – The Next Big Lift, was presented by Josh Jensen, associate and head of the roofing division at JRS Engineering, and focused on "designing roofing to properly withstand the forces of wind that acts upon the building" including NBC (National Building Code of Canada) design requirements and how they relate to the CSA A123.21 testing standard.

The second seminar, presented by Patrick Roppel, manager of the Building Performance Analysis Department within the Building Science Division at Morrison Hershfield, focused on controlling mold growth in ventilated wood-frame attics in cool marine climates.

Registration for the show was strong, Brunet said, with all of the seminars sold out in advance and all of the booth space sold. "We haven't been in Vancouver since 1999 so there has been a lot of buzz."

Recognizing the local interest, Brunet says the show's steering committee included a number of local members who were able to advise on provincially-related issues and topics. "A lot of the demonstrations were geared to B.C.," Brunet said. "Liquid applied waterproofing for instance was one demonstration with a local focus."

One special demonstration Brunet says went on throughout the show at booth 300, where attendees could observe architectural sheet metal installation.

Other demonstrations included thermo-plastic, EPDM (ethylene propylene diene terpolymer), steep slope and modified bitumen roofing systems, along with a green roofing demonstration.

Brunet says ROOFTech has always been a big industry relationship-building draw. "Where else can you meet and shake the hand of just about every supplier to the roofing industry?"

Away from the show, Brunet says a long winter has resulted in a slow start for much of the industry, in particular in Eastern Canada. Industry wide, concerns about labour issues and prompt payment are still at the forefront for many.

ROOFTech will return to Toronto in 2017. For more information, visit www.rooftech.ca.

Saskatchewan Roofing Contractors Association

More than a half century of training, information and technological expertise to elevate industry standards



Canadian Design and Construction Report special feature

Established in 1963, the Saskatchewan Roofing Contractors Association (SRCA) holds the same goals today as in its infancy: to provide members with access to training, information and technological expertise to maintain high professional standards.

Along the way the association has grown and adapted to new demands and interests. Today, SRCA president Lindsay Pochynuk says recruitment, competition and safety are key concerns.

"Roofing is a demanding job that can be physical and messy. Although it's a good living for good work, it isn't one of those 'attractive' trades that immediately comes to mind for young people."

Even within the association, Pochynuk says there is evidence of a changing of the guard reflecting the industry, as older members retire and move on and leave voids that need to be filled. Where Pochynuk is now president, his father Wayne once held the position.

He says further complicating the labour shortage has been the province's decision to cut foreign worker programs which he says could always be relied on to provided needed labour. "Many people come to the industry and stay," he said "My company is 50 years old and I have some people who have been with us 40 years. There is also a transient nature to the business though and people will come, try it and be gone again fairly shortly after."

Pochynuk says he works with high schools talking to students about the industry in the hopes of encouraging them into trades but adds that the lack of a formal apprenticeship program within the province has added additional challenges. He says there had been an informal program through the community colleges but that was cancelled and nothing has stepped in yet to replace it.

"SRCA actually responded to an RFP to provide an apprenticeship program but it would have been too costly. We've been lobbying for four years now to get a program reinstated and will keep working on it."

The lack of a formal program creates challenges beyond numbers though as companies carry sole responsibility for providing training and certification. SRCA fills some of the void, working with manufactures to provide training sessions so members can acquire the skills and techniques they need. The association also provides its members with torch safety training, delivered in conjunction with the Saskatchewan Safety Association.



The association is also taking steps to improve safety within the industry. Pochynuk says it is only within the last 10 years that fall safety has become mandatory. "Until then if you were working on a flat roof and were of sound mind and body, fall arrest protection wasn't required. Now guardrails and a more in-depth investment in safety is required."

In a region where many of the contractors are smaller businesses and where many of them have been in operation for decades, this kind of substantial change can be difficult. Pochynuk says the association is encouraging all members to achieve COR (Canadian Federation of Construction Safety Association's Certificate of Recognition) certification but he says that effort is still in its infancy.

Pochynuk says Saskatchewan small business owners are additionally challenged with a boom that seems to be over and competition from larger Ontario and other out-ofprovince companies which have set up shop locally.

He says the association will continue its focus on training, safety and career attraction, and on staying connected with the industry-at-large through common events and activities.

For more information on SRCA, visit www.srca.ca.



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Creating thoughtful, sustainable community spaces within a diverse portfolio of projects

Canadian Design & Construction Report staff writer

Calgary-based SAHURI + Partners Architecture Inc. is a professional, full-service architecture and design firm that approaches every project with a simple philosophy: design for life – where the design vision doesn't end when construction ends, it only begins.

As creative, performance-oriented architecture and design professionals, SAHURI + Partners considers the unique vision of each client, and explores and builds on dynamic, sustainable architectural solutions.

COLLABORATION FOR A UNIQUE APPROACH

The constant focus of the 35 plus employee studio practice is on achieving design excellence and incorporating sustainable innovation. They achieve this objective through a collaborative, client-focused communication process which includes questioning original concepts where nec-

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essary and encouraging thoughtful, new options to achieve higher standards.

"In architecture we see opportunities to put new ideas into action," says Tim Sahuri, principal, architect, and creative authority of the firm. "We endeavour to add appealing and interesting features to each practical, functional design without significantly increasing project costs. Initially, these ideas can be a hard sell. But in the end, the new approaches work well."

The firm's expertise encompasses all aspects of the architectural process, from master planning, site evaluation and feasibility studies, through the design and construction documentation phases, to the final selection of finishes and fittings. The company's work spreads across the architectural spectrum of civic, community, educational, commercial, industrial, and residential projects, and the team enjoys the journey and discovery of each project's unique qualities and opportunities.

ROTARY CHALLENGER PARK - JIM & PEARL BURNS CENTRE

ATCO ELECTRIC GRANDE PRAIRIE ADMINISTRATION & OPERATIONS CENTRE



The special attention paid to each urban context, budgetary and schedule concern, and rigorous project management form the basis of SAHURI + Partners' project execution. "Our goal is to collaborate closely with each client, and to explore and respond to their needs," says Joanne Smith, partner, architect, and business manager. "Through the design process, we ensure every stakeholder has a voice, and every project is based on the integration between the creative team, the client, and the site itself."

As members of a community that thrives on the Alberta oil and gas industry, the firm also has abundant experience in designing large-scale energy sector administration and production facilities. After touring facilities designed by SAHURI + Partners in this sector, energy industry leaders have appreciated the company's quality design solutions and have commissioned the firm to design similar projects for their respective companies.

PRIORITIZING SUSTAINABILITY

As a committed adopter of sustainable design early in his career, Tim Sahuri was among the first architects in the industry to become a LEED® Accredited Professional with the Canada Green Building Council and U.S. Green Building Council. With this long-running environmental focus, the firm ensures many of its projects are designed to meet LEED® and other environmental program standards.

"We have high expectations for our work and believe in a responsibility to the community and the environment in equal measure," says Sahuri. "Our commitment to sustainable design serves as a foundation to all the projects we take on."

His team is comprised of diversely skilled people who are as passionate as they are creative. They're constantly

evolving their ideas about architecture through exploring proven and new design principles. This aids them in creating sustainable community structures, and learning something from each completed project.

COMMUNITY FOCUSED SPACE

A general theme and solution the firm adopts is integrating a common space into a central area of each design – a public meeting place where people can gather, relax, and interact. Many SAHURI projects feature this common design thread, regardless of what sector the facility serves.

"This designated social hub has proven to be a community rallying point and a true community centre that tends to dissolve the 'us and them' attitude and creates a stronger community spirit within an organization," says Smith. "It's a purposeful integration of public space for facility users, which still respects user-group privacy, the environment, project budgets, and the specific building functions."

This strong, prioritized community focus suggests SAHURI + Partners is a good candidate for consideration by economic development authorities and public agencies seeking to combine community spirit with cost-effective projects. The firm continues to move forward, grounded locally in Canada with community facility projects, while also regularly tackling remote projects and design competitions that expand the company's geographical diversity to other parts of the world.

"In our work, we seek to uplift the soul and inspire people who use these buildings," says Sahuri. "Our goal is to design something functional but unusual so people notice and engage with the architecture. It shouldn't serve simply as a backdrop."

For more information, visit www.sahuri.com.



2015 Wood Design Awards in BC honour the best in architectural and structural wood design

Innovation in larger structures recognized



Canadian Design and Construction Report staff writer

Innovative architectural and structural design in large wood buildings, including mid-rise and commercial structures, headlined the 2015 Wood Design Awards in Vancouver.

The eleventh annual event on March 2, organized and hosted by WoodWORKS! BC, honoured excellence in wood building and design and recognized leadership and innovation in wood use. More than 360 people attended the annual celebration of wood, including architects, structural engineers, project teams, local government and industry sponsors.

There were 107 nominations in 12 categories from

all over the province, as well as an international nomination of a BC project by a New York-based designer. All projects showcase distinctive and unique qualities of wood such as strength, beauty, versatility, and cost-effectiveness.

"Each and every one of these projects is spectacular in its own right, and demonstrates how wood can be used in innovative ways as an architectural and structural building material," said WoodWORKS! BC executive director Lynn Embury-Williams.

"Wood products and systems have become the material of choice in mid-rise residential as well as for the institutional, commercial and industrial sectors. This is a paradigm shift, and it's encouraging, as our communities and cities want more sustainable and healthier built environments. Here in BC, designers and builders are leading the way by using wood because it is cost-effective; is renewable; has a smaller carbon footprint; and because it creates beautiful and comfortable spaces where people love to live and work."

The panel of four judges included Paul Newman, executive director, market access and trade, Council of Forest Industries; Thomas Tannert, PhD, P.Eng., associate chair wood building design and construction, The University of British Columbia; Elsa Lam, BES, MArch II, PhD, MRAIC, editor, Canadian Architect Magazine; and Don Lovell, Architect AIBC, CD, M.Arch. (Retired), Victoria, BC.

Wood Champion Award

The Wood Champion Award was presented to Marie-Odile Marceau, principal, McFarland Marceau Architects Ltd. in Vancouver. "Marceau has a long and distinguished architectural career in both the public and private sectors,"WoodWORKS! BC said in the news release. "Her portfolio of sensitive and profound school projects in many First Nations communities has provided a lasting and significant positive learning impact on the students and communities alike. She championed the use of wood in these buildings primarily as cultural reference, but also as an economic driver. Wood is a building material readily available in many First Nations communities, and promotes the utilization of community labour in the harvest, transformation and erection of wood members."

Engineer Award

Eric Karsh, principal, Equilibrium Consulting Inc. in Vancouver, received the Engineer Award in recognition of his love of using wood through innovative structural designs such as the use of cross-laminated timber (CLT) "tilt up" balloon frame construction in the Ronald Mc-Donald House BC – a first in North America. This is a system combining the convenience of concrete with the advantages of wood. He has also developed the use of curved, organic shapes, cut from sheets of three-ply cross-laminated timber to form elegant roof and column elements at the UBCO Fitness and Wellness Centre in Kelowna.

Karsh also coauthored "The Case for Tall Wood Buildings" report which introduced an innovative mass timber panel construction concept. Karsh was also the structural engineer of record for the Wood Innovation and Design Centre in Prince George, BC.

Architect Award

The Architect Award was presented to Vancouverbased Michael Green Architecture. This firm's projects range from airports in Prince George and Ottawa, to a landmark social welfare facility fashioned from CLT. The recently-completed Wood Innovation and Design Centre, the tallest contemporary wood structure in North America, demonstrates economical and repeatable technologies for building high-rise structures with timber.

Green was also the co-author for "The Case for Tall Wood Building," the subject of his high-profile TED Talk.

Wood Innovation Award

Michael Green, principal, Michael Green Architecture, received the Wood Innovation Award, recognizing creative and innovative approaches in the use of wood in building and product design.

Green designed the Wood Innovation and Design Centre in Prince George. The structure represents a milestone in the future of tall wood buildings," Wood-WORKS! BC says.

The project introduces new methods of working with mass timber panels, specifically cross- laminated timber, and is a true showcase for BC wood products. The jury described this project as "an exquisite interplay of structure and finish to provide a translucent, warm and inviting structure. The attention to detail is evident throughout, and provides pleasing aesthetic patterns which are both convincing and alluring."



Environmental Performance Award

The Environmental Performance Award was presented to Matheo Durfeld of BC Passive House for his project, BC Passive House Plant in Pemberton, BC. The award recognizes how wood products played a significant role in improving the overall environmental performance of a structure. The project was designed to meet the Passive House Standard, currently the world's most rigorous energy standard. The result: an 80-90 per cent reduction in the annual energy used for heating and cooling.

The "wood first" approach for the structure of the building avoided approximately 365 metric tons of CO2 emissions. The jury stated that, "This building exemplifies the use of wood to achieve energy savings, and reduce environmental impact."

Wood Design categories

Residential Wood Design: David Ratzlaff, HR Pacific Construction Management Ltd. – Kicking Horse Residence, Golden, BC



Multi-Unit Residential Wood Design: Eric Andreasen, Adera Development Corporation – Sail, Vancouver, BC



Commercial Wood Design: Hugh Cochlin, Proscenium Architecture + Interiors Inc. - Mountain Equipment Co-op Head Office, Vancouver, BC



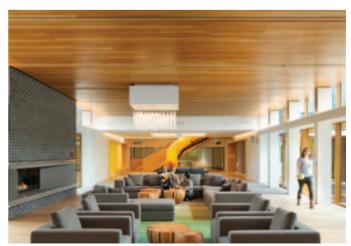
- Interior Beauty Design: Nick Bevanda, CEI Architecture
 - Southern Okanagan Secondary School Expansion,
 Oliver, BC



Institutional Wood Design - Small: McFarland Marceau Architects Ltd. – UBCO Fitness and Wellness Centre, Kelowna, BC



Institutional Wood Design – Large: Michael Green, Michael Green Architecture – Ronald McDonald House BC, Vancouver, BC





Western Red Cedar: McFarland Marceau Architects Ltd. – Environmental Learning Centre – North Vancouver Outdoor School, Brackendale, BC

There were two Jury's Choice awards:

- Steve McFarlane, office of mcfarlane biggar architects + designers inc. – Fort McMurray International Airport, Fort McMurray, AB
- Thomas Leung, Thomas Leung Structural Engineering – MEWS, UBC, Vancouver; Emerald Heights, Surrey; Dominion, New Westminster, BC

"We are proud to bring together leading designers and project teams with BC's world class wood products industry to celebrate what has been achieved together: excellence in wood building and design that has made BC a national and international leader," Embury-Williams said. "We look forward to this second decade of celebrating outstanding wood building and design in BC."

Wood WORKS!, is a national industry-led program of the Canadian Wood Council, with a goal to support innovation and provide leadership on the use of wood and wood products. Wood WORKS! BC provides education, training and technical expertise to building and design professionals involved with projects throughout BC, and is a resource on mid-rise construction and the Wood First Act in BC.

To learn more, please visit the Wood WORKS! BC website at www.wood-works.ca/bc.



ALBERTA

Calgary Plaza 14 Health Quality Council Office Renova-tion 014141 811 - 14 Street NW CALGARY, AB T2N 2A4 CAN AB(DIVISION 06) 201400523896 v10 Action stage: Bid Results Bid date: 06/04/2014 @ 02:00 PM MDT Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 06/01/2014 Owner type: State Project Overview Project type: Office. Clinic/Medical Office. Report type: Project Sub project count: 0 First publish date: 05/14/2014 Prior publish date: 03/12/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids (or Proposals) in and under review - Award expected in 30-60 days - Bids June 4 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Alberta Infrastructure Mohamed Siddique (Procurement Spec 6950 - 113 Street (#2700) EDMONTON AB T6H 5V7 Phone:780-427-3962 Fax:780-422-9686 E-mail: mohamed.siddique@gov.ab.ca, http://www.infrastructure.alberta.ca/ Email ID : mohamed.siddique@gov.ab.ca 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 Owner (Public): Alberta Infrastructure Mohamed Siddique (Procurement Spec 6950 - 113 Street (#2700) EDMONTON AB T6H 5V7 Phone:780-427-3962 Fax:780-422-9686 E-mail: mohamed.siddique@gov.ab.ca, http://www.infrastructure.alberta.ca/ Email ID : mohamed.siddique@gov.ab.ca Notes: DEWB86 Pre-bid meeting on May 20 at 10:00 am (MDT) at 210 & 217, 811 - 14 Street NW. Calgary, Al-berta T2N 2A4 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network Plans available from: Owner (Public) Additional features: CALGARY PLAZA 14 HEALTH QUALITY COUNCIL OF ALBERTA OFFICE RENO-VATION Raw Water Intake Upgrades - Coffer Dam 201505 Within Pincher Cree PINCHER CREE, AB CAN AB(DIVISION 03) 201500456282 v2 Action stage: Bidding Bid date: 03/18/2015 @ 02:00 PM MDT Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 04/01/2015 Owner type: Local Government Project Overview Project type: Water Supply. Site Development. Water Line Report type: Project Sub project count: 0 First publish date: 03/05/2015 Prior publish date: 03/05/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations

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: Associated Engineering Alberta Ltd. 1001, 400 - 4 Avenue South LETHBRIDGE AB T1J 4E1 Phone:403-329-1404 Fax:403-329-4745 Owner (Public): Town of Pincher Creek Blaise Bruder (Project Coordinator 962 St John Ave Po Box 159 Pincher Creek AB T0K 1W0 Phone:403-339-6092 Fax:403-627-5226 E-mail: bbruder@pinchercreek.ca, http://www.pincher-Company Name : Town of Pincher Creek Email ID : bbruder@pinchercreek.ca Internet Addr : http://www.jnchercreek.ca/residents/library.php Notes: DEWB86 Mandatory site meeting on March 11 at 2:00 pm (MDT) at the Canyon Drive, Agricultural Society site, Town of Pincher Creek, AB Plans available from: Engineer - US\$ 50 deposit. non-refundable Additional features: Construction of Raw Water Intake ? Infiltration Gallery Approximately 1500 c.m. of Rip Rap armouring of existing creek bank, coffer dam construction, trench excavation and compaction, construction of stainless steel intake screen, gabion baskets, gabion mattress, and PVC piping. The nature of this project is to construct a new raw water intake/infiltration gallery within Pincher Creek Bidders List Bidders Unsurpassable Construction Ltd Mike Kohut P.O. Box 1627, DIDSBURY, AB DIVISION 06 Phone: 403-994-0700 Fax: 403-335-8748 Email: mikekohut@unsurpassableconstruction.com Jubilee Centre 3rd-5th Floors Renovation/Demolition (RE-BID) QU3340 9909 Franklin Ave FORT MCMURRAY, AB T9H 2K4 CAN AB(DIVISION 16) 201400507981 v15 Action stage: Start Bid date: 12/11/2014 @ 02:00 PM MST Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 01/01/2015 Owner type: Local Government Project Overview Project type: Capitol/ Courthouse/City Hall. Report type: Project Sub project count: 0 First publish date: 04/29/2014 Prior publish date: 02/09/2015 Publisher: Dodge Data & Analytics Type of Work: Alteration Status: Contract Awarded - Work to begin within 30 days - Bid December 11 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: WSP Canada Inc Berhanu F. Woldegiorgis (Sr. Structural Eng. 139 2693 Broadmoor Blvd SHERWOOD PARK AB T8H 0G1 (CAN) 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 Electrical Engineer: IBI Group

Suite 300 - 10830 Jasper Ave EDMONTON AB T5J 2B3 Phone:780-428-4000 Fax:780-426-3256 E-mail: pmoore@ibigroup.com http://www.ibigroup.com General Contractor: Cormode & Dickson Construction (Fort McMurray) Ltd Project Manage (Estimator 400 Taiganova Crescent FORT MCMURRAY AB T9K 0T4 Phone:780-748-1966 E-mail: office@cormode.com Mechanical Engineer: IBI Group Peter Moore (Office Contact Suite 300 - 10830 Jasper Ave EDMONTON AB T5J 2B3 Phone:780-428-4000 Fax:780-426-3256 E-mail: pmoore@ibigroup.com, http://www.ibigroup.com Owner (Public): Regional Municipality of Wood Buffalo Randy Piluk 9909 Franklin Avenue FORT MCMURRAY AB T9H 2K4 Phone:780-743-7088 Fax:780-743-7999 Phone: /80- /43- /088 Fax: /80- /43- /999 E-mail: randy.piluk@woodbuffalo.ab.ca, http://www.woodbuffalo.ab.ca/ Company Name : Regional Municipality of Wood Buf-falo Email ID : randy.piluk@woodbuffalo.ab.ca Internet Addr : http://www.woodbuffalo.ab.ca/ Notes: DEWB86 Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond. Plans available from: Consultant Additional features: Jubilee Centre 3rd & 5th Floor Renovations Demolition 2014 Large Asphalt Repair 140191 various locations FORT SASKATCHEWAN, AB CAN AB(DIVISION 11) 201400506307 v10 Action stage: Bid Results Bid date: 05/01/2014 @ 02:00 PM MDT 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 Report type: Project Sub project count: 0 First publish date: 04/25/2014 Prior publish date: 01/30/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and Under review - Further action pend-ing Owners decision to Proceed - Bids May 1 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 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 Fort Saskatchewan Joey Farebrother 10005 - 102 Street FORT SASKATCHEWAN AB T8L 2C5 Phone:780-992-6296 Fax:780-992-1375 E-mail: jfarebrother@fortsask.ca, http://www.fortsask.ca/ftsk_Business/ftsk_Doing_Bu Company Name : City of Fort Saskatchewan Email ID : jfarebrother@fortsask.ca Internet Addr : http://www.fortsask.ca/ftsk_Business/ftsk_Doing_Bu Owner (Public): City of Fort Saskatchewan Joev Farebrother 10005 - 102 Street FORT SASKATCHEWAN AB T8L 2C5 Phone:780-992-6296 Fax:780-992-1375 E-mail: jfarebrother@fortsask.ca,

Dodge upcoming project reports

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> http://www.fortsask.ca/ftsk_Business/ftsk_Doing_Bu http://www.iotisask.cartes_busiless/itsk_boilg_bu Company Name : City of Fort Saskatchewan Email ID : jfarebrother@fortsask.ca Internet Addr : http://www.fort-sask.ca/ftsk_Business/ftsk_Doing_Bu Notes: DEWB73 Plans available from: Consultant Additional features: construction services to repair road Bidders List Ridders Black Diamond Paving 9825 60 Ave NW, Edmonton, AB T6E 0C6 (DIVISION 06) Phone: 780-435-2215 Devlin Construction Ltd 10720 - 209 Street, EDMONTON, AB T5S 1Z8 (DIVI-SION 11) Website: http://www.devlinconstruction.com/devlindnn/ Phone: 780-473-0384 Fax: 780-473-0345 Email: office@devlinconstruction.com Federal Joint Sealing Co Of Canada Ltd 308 40 Ave NE, CALGARY, AB T2E 2M7 () Phone: 403-277-7686 Park Paving Ltd 4025 101 Street NW, EDMONTON, AB T6E 0A4 (DI-VISION 11) Phone: 780-435-8338 Fax: 780-434-5373 West Can Seal Coating Inc 416 Highway 305, DALMENY, SK S0K 1E0 (DIVI-SION 08) Phone: 306-254-2700 2014 Asphalt Crack Sealing DD2014PW02 Site not specified HIGH PRAIRIE, AB CAN AB(DIVISION 17) 201400499369 v9 Action stage: Bid Results Bid date: 04/23/2014 @ 01:30 PM MDT Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 05/01/2014 Owner type: Local Government Project Overview Project type: Paving. Report type: Project Sub project count: 0 First publish date: 04/21/2014 Prior publish date: 01/27/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid April 23 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 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 Big Lakes No 125 Vic Abel P.O. Box 239 HIGH PRAIRIE AB T6E 5V5 Phone:780-523-5955 Fax:780-523-4227 E-mail: pwsuperintendent@mdbiglakes.ca Email ID : pwsuperintendent@mdbiglakes.ca Owner (Public): Municipal District of Big Lakes No 125 Vic Abel P.O. Box 239 HIGH PRAIRIE AB T6E 5V5 Phone:780-523-5955 Fax:780-523-4227 E-mail: pwsuperintendent@mdbiglakes.ca Email ID : pwsuperintendent@mdbiglakes.ca Notes: DEWB82 Bonds: 10% Bid Bond Plans available from: Consultant Additional features: The work generally consists of:Sup-ply and place asphalt crack sealer on approximately 136.7 km of paved local roads.

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$4999,999; 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

Peter Moore (Office Contact

Status: Bidder - Bids to Owner March 18 at 2:00 PM

(MDT)

Status project delivery

system: Design-Bid-Build Publish date: 03/16/2015

Branch

Atlantic

Water System Improvements 110812 2160 Bishopville Road HANTSPORT, NS BOP 1P0 CAN NS(HANTS) 201400560380 v11 Action stage: Bid Results Bid date: 06/26/2014 @ 02:00 PM 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: Water Treatment Plant Report type: Project Sub project count: 0 First publish date: 06/19/2014 Prior publish date: 02/27/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and Under review - Further action pending Owners decision to Proceed - GC Bids June 26 Status project delivery system: Design-Bid-Build Publish date: 03/02/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Town of Hantsport PO Box 399 Hantsport NS BOP 1P0 Phone:902-684-3211 Fax:902-684-3417 Engineer: CBCL Limited Matthew Mahoney 1489 Hollis St PO Box 606 HALIFAX NS B3J 2R7 Phone:902-421-7241 Ext:2486 Fax:902-423-3938 E-mail: mattm@cbcl.ca Email ID : mattm@cbcl.ca Owner (Public): Town of Hantsport PO Box 399 Hantsport NS B0P 1P0 Phone:902-684-3211 Fax:902-684-3417 (ADT) at 2160 Bishopville Road - Documents for this project will not appear in the Dodge Global Network -The list of Prospective bidders is not available from regu-lar sources - if you are GC bidding on this project please call -1-888-836-6623 Plans available from: Owner (Public) - US\$ 50 deposit. Additional features: The Work included in this project generally involves modifications to the disinfection system at the existing Hantsport Water Treatment plant and modifications to the existing disinfection system at the Hantsport disinfection building. Also included is a new buried reservoir - disinfection building, instrumentation -equipment and water transmission line serving the Glooscap First Nation Tobique Valley High School Interior Alterations BY4170 Tobique Valley High School PLASTER ROCK, NB E7G 2C6 CAN NB(KINGS) 201500440166 v3 Action stage: GC Bidding Bid date: 03/04/2015 @ 02:00 PM AST Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 04/01/2015 Owner type: State Project Overview Project type: Middle/Senior High School. Report type: Project Sub project count: 0 First publish date: 02/18/2015 Prior publish date: 02/20/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations, Interiors Status: GC Bids to Owner March 4 at 2:00 PM (AST) Status project delivery system: Design-Bid-Build Publish date: 03/02/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Ronald Lapointe Architect 75 Saint Francois Edmunston NB E3V 2T3 Phone:506-735-7181 Fax:506-739-7022

E-mail: lapointe@nbnet.nb.ca

Tabitha Lee (Administration 20 McGloin Street Room 205, Marysville Place FRED-ERICTON NB E3B 5H1 Phone:506-453-2706 Fax:506-444-4400 E-mail: tabitha.lee@gnb.ca, http://www2.gnb.ca/content/gnb/en/departments/gove Notes: DEWB82 Contact for pre tender site visit: Philip Cliff at 506-444-5981 - Source requests all bid docu-ments be obtained through their channels only - Docu-Retis de oranied information in the Dade ments for this project will not appear in the Dodge Global 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) - US\$ 50 deposit. +HST Additional features: Interior Alterations - Tobique Valley High School ITEM: Aluminum Traffic Signs 2015018 SAINT JOHNS, NF CAN NF(DIVISION 01) 201500452197 v1 Action stage: Bidding Bid date: 03/11/2015 @ 01:00 PM ADT Valuation: First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Owner type: Local Government Project Overview Project type: Highway Signs/Guardrails. Report type: ITEM Only Sub project count: 0 First publish date: 03/02/2015 Publisher: Dodge Data & Analytics Type of Item: MATL EQUIP. Item Code: Traffic Ctrl Eqpt. Item Category: ELECTRICAL Status: Bids to Owner March 11 at 1:00 PM (NDT) Status project delivery system: Design-Bid-Build

Owner (Public): Supply & Services-Central Tendering

Publish date: 03/02/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: City of St. John's Purchasing Department Municipal Depot 25 Blacker Ave - PO Box 908 SI John'S NF A1E 3E8 Phone: 709-576-8151 Fax: 709-576-8740 E-mail: accessstjohns@stjohns.ca, http://www.stjohns.ca/tenders Owner (Public): City of St. John's Purchasing Department Municipal Depot 25 Blacker Ave - PO Box 908 SI John'S NF A1E 3E8 Phone: 709-576-8151 Fax: 709-576-8740 E-mail: accessstjohns@stjohns.ca, http://www.stjohns.ca/tenders Notes: DEWB86

Plans. DLW BOU Plans available from: Owner (Public) Building B164 Mods - Neptune Upgrade 310953 14 WING GREENWOOD GREENWOOD, NS B0P 1R0 CAN NS(KINGS) 201400690750 v6 Action stage: Bid Results Bid date: 11/25/2014 @ 02:00 PM AST Valuation: \$635,000 Project delivery system: Design-Bid-Build Target start date: 12/01/2014 Owner type: Military Project Overview Project type: Wilitary Facility. Report type: Project Sub project count: 0

Sub project count: 0 First publish date: 11/04/2014 Prior publish date: 01/13/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bid in and under review - contract award possible within 30-60 days - GC Bid November 25 Status project delivery

system: Design-Bid-Build Publish date: 03/02/2015 Key Contacts and Bid Documents Submit bids to: Owner's Agent (Pu) Architect: Defence Construction Canada Mark Bouter 14 Wing Greenwood GREENWOOD NS BOP 1N0 Phone:902-765-1494 Fax:902-765-1757 E-mail: airforceaerienne@dnd.ca, http://www.airforce.forces.gc.ca/14wing/site/index Company Name : 14 Wing Greenwood Internet Addr : http://www.airforce.forces.gc.ca/14wing/site/index 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 docu-ments and submit a bid. MERX is the sole source for documents. Register at www.merx.com. Owner (Public): Defence Construction Canada Mark Bouter 14 Wing Greenwood GREENWOOD NS B0P 1N0 Phone:902-765-1494 Fax:902-765-1757 E-mail: airforceaerienne@dnd.ca, http://www.airforce.forces.gc.ca/14wing/site/index Company Name : 14 Wing Greenwood Internet Addr : http://www.airforce.forces.gc.ca/14wing/site/index Owner's Agent (Public): Defence Construction Canada/Atlantic Regional Offi Atlantic Regional Office 1597 Bedford Highway Bedford NS B4A 1E7 Fax:902-426-8342 E-mail: info@dcc-cdc.gc.ca, http://www.dcc-cdc.gc.ca/ Company Name : Defence Construction Canada/Atlantic Regional Offi Internet Addr : http://www.dcc-cdc.gc.ca/ Notes: DEWB86 DEFENCE CONSTRUCTION CANADA (DCC) ? #GW468494 - The Plans and Specifications (P&S) for this opportunity may be ordered from MERX by logging on their website: www.merx.com or by calling 1 (800) 964-MERX (6379). The P&S are also available for viewing at [local Construction Association] - 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: Consultant Addenda receive date: OV/-2/04-N Additional features: The work includes, but is not necessarily limited to, the supply of labour, material, supervision and equipment necessary to Upgrade Mods, Neptune House, B164, Greenwood, Nova Scotia

2-744 Style Housing Units Recapitalize 313120 11 Harvard Drive SHEARWATER, NS B0J 3A0 CAN NS(HALIFAX) 201400708857 v6 Action stage: Bid Results Bid date: 12/11/2014 @ 02:00 PM AST Valuation: \$240,900 Project delivery system: Design-Bid-Build Owner type: Federal Project Overview Project type: Apartments/Condominiums 1-3 Stories. Military Facility. Report type: Project Sub project count: 0 First publish date: 11/25/2014 Prior publish date: 01/16/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and under review - Work to begin within 30 days - Bid December 11 Status project delivery system: Design-Bid-Build Publish date: 03/02/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Defence Construction Canada/ Atlantic Regional Offi Veronica Mendoza 1597 Bedford Highway Bedford NS B4A 1E7

Dodge upcoming project reports

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> Fax:902-426-8342 E-mail: veronica.mendoza@dcc-cdc.gc.ca, http://www.dcc-cdc.gc.ca/ Company Name : Defence Construction Canada/Atlantic Regional Offi Email ID : veronica.mendoza@dcccdc.gc.ca Internet Addr : http://www.dcc-cdc.gc.ca/ Consultant: MERX Customer Support 38 Antares Drive Ottawa ON K2E7V2 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): Defence Construction Canada/Atlantic Regional Offi Veronica Mendoza 1597 Bedford Highway Bedford NS B4A 1E7 Fax:902-426-8342 E-mail: veronica.mendoza@dcc-cdc.gc.ca, In http://www.dcc-cdc.gc.ca/ Company Name : Defence Construction Canada/Atlantic Regional Offi Email ID : veronica.mendoza@dcc-Regional Off Eman D : voluciant and a contract of the contract FENCE CONSTRUCTION CANADA (DCC) ? #HX15604 -The Plans and Specifications (P&S) for this opportunity may be ordered from MERX by logging on their website: www.merx.com or by calling 1 (800) 964-MERX (6379). The P&S are also available for viewing at [local Construction Association] - Please note that the tender results for this project are available from the Bid Opening Office and from the DCC Site at telephone: .902-407-8397 Plans available from: Consultant Additional features: The work includes, but is not necessarily limited to, the supply of labour, material, supervision and equipment necessary to recapitalize 2-744 Style Housing Units, CFHA, Shearwater, Nova Scotia

British Columbia

Clearwater Courthouse Renovations To FLNRO Building BCGV297217 687 Yellowhead South Highway CLEARWATER, BC V0E 1N1 CAN BC(THOMPSON-NICOLA) 201400568742 v10 Action stage: Bid Results Bid date: 07/11/2014 @ 02:00 PM PDT Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 12/01/2014 Owner type: Private Project Overview Project type: Capitol/ Courthouse/City Hall. Report type: Project Sub project count: 0 First publish date: 06/27/2014 Prior publish date: 03/12/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and Under review - Further action pending on Owner decision to proceed - Bid July 11 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Architect Architect: Owen & Hunter Architects Trevor Owen, MAIBC, MRAIC (Principal 500 - 153 Seymour Street KAMLOOPS BC V2C-2C7 Phone:250-372-8845 Fax:250-372-3205 E-mail: trevor@owenandhunter.com Owner (Private): Workplace Solutions Inc Jaclvn Treichel (Project Manager 238A St Paul Street Kamloops BC V2C 6G4 Phone:250-314-3082 Fax:250-314-3080 E-mail: jaclyn.treichel@brookfieldjci.com Notes: DEWB50 - Mandatory Site Visit June 25 at 10:00 AM (PDT) at the FLNRO Building 687 Yellowhead

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$4999,999; 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-\$99,999; 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

Status: Bids to Owner March 26 at 4:00 PM (PDT)

South Highway Clearwater BC - Source requests all bid documents be obtained through their channels only Documents for this project will not appear in the Dodge Global 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. 50% Performance Bond. 50% Payment Bond. Plans available from: Architect Additional features: The project includes, but is not lim-ited to; Clearwater Courthouse Renovations to FLNRO Building ITEM: Sanitary Sewer CCTV inspection - Grouting 2015-13 Brentwood sewerage are BURNABY, BC CAN BC(GREATER VANCOUVER) 201500465042 v1 Action stage: Bidding Bid date: 03/24/2015 @ 03:00 PM PDT Valuation: First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Owner type: Local Government Project Overview Project Uverview Project type: Sanitary Sewer. Report type: ITEM Only Sub project count: 0 First publish date: 03/16/2015 Publisher: Dodge Data & Analytics Type of Item: ALTERATION. Item Code: Grouting. TV Insp of Sewers&Wtr Mains. Item Category: MASONRY/CONCRETE. BLDG UTIL-ITIES. Status: Bids to Owner March 24 at 3:00 PM (PDT) Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: City of Burnaby Purchasing Manager 4949 Canada Way BURNABY BC V5G 1M2 Phone:604-294-7944 Fax:604-294-7529 E-mail: purchasing@burnaby.ca, http://www.burnaby.ca/Doing-Business/Business-With Owner (Public): City of Burnaby Purchasing Manager 4949 Canada Way BURNABY BC V5G 1M2 Phone:604-294-7944 Fax:604-294-7529 E-mail: purchasing@burnaby.ca, http://www.burnaby.ca/Doing-Business/Business-With Notes: DEWB30 Plans available from: Owner (Public) Items: 1) Sanitary sewer lateral CCTV inspections of approximately1130 - 100mm, and 150mm sewer laterals; air testing and interface grouting of approximately 1130 -100mm and 150mm diameter sewer laterals and related work in the Willingdon Brentwood sewerage area of Burnaby, BC.ii.) Sanitary sewer pipeline joint testing and chemicalgrouting of approximately 4,365m of 100mm, 200mm,250mm and 300mm sanitary sewer mainline and related workin the Willingdon Brentwood sewerage area of Burnaby, BC ITEM: Electrical Maintenance Repair (IQC) RFP15016 various offices and facilities VICTORIA, BC CAN BC(CAPITAL) 201500465146 v1 Action stage: Bidding Bid date: 03/26/2015 @ 04:00 PM PDT Valuation: D (300K to <400K) First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Owner type: Local Government Project Overview Project type: Office

Status: Bids to Owner Mar Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: City of Victoria Leah Hamilton City Hall No. 1 Centennial Square VICTORIA BC V8W 1P6 Phone:250-385-5711 Fax:250-361-0214 E-mail: purchasing@victoria.ca Company Name : City of Victoria Owner (Public): City of Victoria Leah Hamilton City Hall No. 1 Centennial Square VICTORIA BC V8W 1P6 Phone:250-385-5711 Fax:250-361-0214 E-mail: purchasing@victoria.ca Company Name : City of Victoria Notes: DEWB30 A non-mandatory site viewing March 18 at 11:00 AM (PDT) to meet City representatives at the Pandora Street Entrance to City Hall, 1 Centennial Square Plans available from: Owner (Public) Construction Document Links: ITEM: Electrical Maintenance Repair (IQC) Plans/Specs Items: Electrical Maintenance and Repair Services to various offices and facilities on an ?as and when ordered? Water Treatment - Metering Station Installation CPMS3404 Trestle Road and Wilson Road DUNCAN, BC V9L CAN BC(COWICHAN VALLEY) 201400539860 v12 Action stage: Bid Results Bid date: 06/05/2014 @ 03:00 PM PDT 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: Water Treatment Plant. Site Development. Water Line. Report type: Project Sub project count: 0 First publish date: 05/29/2014 Prior publish date: 01/29/2015 Publisher: Dodge Data & Analytics Type of Work: Additions, Alterations Status: Bids in and under review - Further action pending Owner's decision to proceed - Bids June 5 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Engineer Electrical Engineer: RB Engineering Ltd. 4-4488 Wellington Nanaimo BC V9T 2H3 Phone:250-756-4444 Fax:250-756-4228 E-mail: info@rbengineering.ca, http://www.rbengineering.ca/ Engineer: Chatwin Engineering Ltd Brian Chatwin, P.Eng. (President 1614 Morey Rd NANAIMO BC V9S 1J7 Phone:250-753-9171 Fax:250-754-4459 E-mail: brian@chatwinengineering.com, http://www.chatwinengineering.com/ Company Name : Chatwin Engineering Ltd Internet Addr : http://www.chatwinengineering.com/ Owner (Public): Cowichan Tribes 5760 Allenby Road Duncan BC V9L 511 Phone:250-748-3196 Fax:250-748-1233 Owner type: State E-mail: contactus@cowichantribes.com, Project Overview http://www.cowichantribes.com Structural Engineer: Opus Engineering Project type: Apartments/Condominiums 1-3 Stories. Report type: ITEM Only 1850 Northfield Road Nanaimo Sub project count: 0 BC V9X 3B3 First publish date: 03/16/2015 Phone:250-758-1893 Publisher: Dodge Data & Analytics Notes: DEWB86 the Cowichan Valley Regional District

at the park located at the corner of Miller Road and the at the park located at the corner of Miller Road and the Trans Canada Highway - Contractors are to contact Chatwin Engineering Ld. to advise of their intent to at-tend the site meeting and Tender this project by contact-ing carol@chatwinengineering.com - Documents for this project will not appear in the Dodge Global Network Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond. Plans available from: Engineer Additional features: The work generally consists of the following:- Installation of a water treatment and metering station- Site works- 1735 meters of watermain- Decommissioning of existing infrastructure- Fencing- Mechanical and electrical work Watermain Replacement Directional Drilling Salmon River 201427 Salmon River Crossing SALMON ARM, BC CAN BC(COLUMBIA-SHUSWAP) 201400630202 v7 Action stage: Bid Results Bid date: 09/11/2014 @ 02:00 PM PDT Valuation: G (750K to <1M) Project delivery system: Design-Bid-Build Target start date: 10/01/2014 Owner type: Local Government Project Overview Project overview Project type: Water Line. Report type: Project Sub project count: 0 First publish date: 09/03/2014 Prior publish date: 01/30/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and under review - contract award possible within 30-60 days - Bid September 11 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: 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/ 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: DEWB86 Plans available from: Owner (Public) - US\$ 50 deposit. Non Refundable Additional features: Water Main Replacement - Salmon River Crossing - ?110m of 300? fused PVC Water Main (directionally drilled)- OR ?110m of 400? HDPE Water Main (directionally drilled) Manitoba ITEM: Security/Access Control 000255B1 290 North Railway St. MORDEN, MB R6M 1T6 CAN MB(DIVISION 03) 201500465180 v1 Action stage: Bidding Bid date: 04/02/2015 @ 02:00 PM CDT Valuation: B (100K to <200K) First issue bid stage IND: Y. Project delivery system: Design-Bid-Build

Dodge upcoming project reports

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> Type of Item: ALTERATION Item Code: Elec Work. Security Sys. Item Category: ELECTRICAL. SECURITY/ALARM SYS. Status: Bids to Owner April 2 at 2:00 PM (CDT) Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: Manitoba Infrastructure & Transportation 1700 Portage Avenue WINNIPEG MB R3J 0E1 E-mail: mit.so.tenders@gov.mb.ca, http://tgs.gov.mb.ca/ctsold/tenders.aspx Owner (Public): Manitoba Infrastructure & Transportation 1700 Portage Avenue WINNIPEG MB R3J 0E1 E-mail: mit.so.tenders@gov.mb.ca, http://tgs.gov.mb.ca/ctsold/tenders.aspx Notes: DEWB82 - Mandatory site visit March 24 at 10:00 AM (CDT) at 290North Railway St., Morden, MB - Plans & Specifications are currently being acquired and will be available as soon as possible Plans available from: Owner (Public) Items: SECURITY/ACCESS CONTROL 2014 Natural Gas Steel Transmission Pipeline Installa-tion PR295578 Various Locations WINNIPEG, MB CAN MB(DIVISION 11) 201400518022 v11 Action stage: Bid Results Bid date: 05/23/2014 @ 04:00 PM CDT Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 06/01/2014 Owner type: Private Project Overview Project type: Fuel/Chemical Line. Report type: Project Sub project count: 0 First publish date: 05/08/2014 Prior publish date: 01/27/2015 Publisher: Dodge Data & Analytics Type of Work: Additions, Alterations Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid May 23 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Consultant: MERX Customer Support 38 Antares Drive Ottawa ON K2E7V2 Phone:613-727-4900 Fax:888-235-5800 Bidders must be registered with MERX to order docu-ments and submit a bid. MERX is the sole source for documents. Register at www.merx.com. Engineer: Manitoba Hydro Keri Malcolm (Purchasing 360 Portage Ave 2nd floor WINNIPEG MB R3C OG8 Phone:204-360-3632 Fax:204-360-6130 E-mail: kmalcolm@hydro.mb.ca, http://www.hydro.mb.ca Owner (Public): Manitoba Hydro Keri Malcolm (Purchasing 360 Portage Ave 2nd floor WINNIPEG MB R3C OG8 Phone:204-360-3632 Fax:204-360-6130 E-mail: kmalcolm@hydro.mb.ca, http://www.hydro.mb.ca Notes: DEWB82 Plans available from: Consultant Additional features: 2014 Natural Gas Steel Transmission Pipeline Installations and Directional Drilling to remediate pipelines with insufficient cover throughout the Province of Manitoba -

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$4999,999; 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

Report type: ITEM Only

Sub project count: 0 First publish date: 03/16/2015

Type of Item: ALTERATION. Item Code: Elec Work.

Item Category: ELECTRICAL.

Publisher: Dodge Data & Analytics

ITEM:Boiler Replacement (Dauphin Provincial Office Building) 002805B1

27 - 2nd Avenue SW DAUPHIN, MB R7N 3E5 CAN MB(DIVISION 17) 201500447598 v2 Action stage: Bidding Bid date: 03/18/2015 @ 02:00 PM CDT Valuation: \$100,001 - 250,000 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: 02/25/2015 Prior publish date: 02/25/2015 Publisher: Dodge Data & Analytics Type of Item: ALTERATION. Item Code: Boiler Replacement. Item Category: PLUMBING/FIRE PROTECTION. Status: Bids to Owner March 18 at 2:00 PM (CDT) Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: Manitoba Infrastructure & Transportation Tender Desk 136 Market Avenue 36 Armitage Ave Winnipeg MB R3J 04P Phone:204-867-4700 E-mail: ASDContractServices@gov.mb.ca, http://tgs.gov.mb.ca/ctsold/tenders.aspx Company Name : Manitoba Infrastructure & Transporta-tion Email ID : ASDContractServices@gov.mb.ca. Internet Addr : http://tgs.gov.mb.ca/ctsold/tenders.aspx Owner (Public): Manitoba Infrastructure & Transportation Kara Savage 1700 Portage Avenue WINNIPEG MB R3J 0E1 Phone:204-945-3707 Fax:204-948-3091 E-mail: Kara.Savage@gov.mb.ca, http://tgs.gov.mb.ca/ct-sold/tenders.aspx Notes: DEWB82 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network Bonds: 10% Bid Bond. *Plans available from: *Owner (Public)

Items: Boiler Replacement Tower Construction PR299271 (A) SITE 1 (WINNIPEG) (B) SITE 2 (BRANDON) 2 locations MB CAN MB(DIVISION 11) 201400570079 v9 Action stage: Bid Results Bid date: 07/08/2014 @ 04:00 PM CDT Valuation: D (300K to <400K) Project delivery system: Design-Bid-Build Target start date: 09/01/2014 Owner type: Private Project Overview Project type: Tower/Signal System. Power Lines. Report type: Project Sub project count: 2 First publish date: 06/30/2014 Prior publish date: 01/29/2015 Publisher: Dodge Data & Analytics Type of Work: New Project Status: Contract Award not yet declared - Further action pending owner's decision to proceed - Bid July 8 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Private) Architect: Manitoba Hydro Ryan Romans (Purchasing 360 Portage Ave 2nd floor WINNIPEG MB R3C OG8 Phone:204-360-3345 Fax:204-360-6130 E-mail: rromans@hydro.mb.ca, http://www.hydro.mb.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 (Private): Manitoba Hydro Ryan Romans (Purchasing 360 Portage Ave 2nd floor WINNIPEG MB R3C OG8 Phone:204-360-3345 Fax:204-360-6130 E-mail: rromans@hydro.mb.ca, http://www.hydro.mb.ca Notes: DEWB30 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 - Plans & Specifications are currently being processed and will be available within 1-2 business days 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: Consultant Additional features: SITE 1 (WINNIPEG):Construction of double circuit 66kV transmission line crossings from the Purchaser's Rover Station to the Purchaser's Ridge-way Station located inWinnipeg, Manitoba. The ITEMS of the Work are as follows:ITEM 1.1 - Mobilization ITEM 1.2 - Installation of Tower FoundationsITEM 1.3 -Assembly and Erection of TowersITEM 1.4 - Stringing, Sagging and Permanent Installation of Phase Conductor-

sand Overhead GroundwiresITEM 1.5 - Demobilization ITEM 1.6 - Stringing, Sagging and Permanent Installation of Phase Conductors and Overhead Groundwires @ PTH 101 (Purchaser?s Option)SITE 2 (BRAN-DON):Foundation installation, tower assembly, and tower erection of two new double circuit steel lattice towers, and salvage of two existing steel lattice towers and foundations, on Purchaser?s existing double circuit 115kV transmission lines EH13/MR11 in Brandon, Manitoha. The TEMS of the Work are as follows:TEM 2.1 -MobilizationITEM 2.2 - Installation of Tower FoundationsITEM 2.3 - Assembly and Erection of TowersITEM 2.4 - Salvage of Existing Towers and FoundationsITEM 2.5 - Demobilization

Three Classroom Addition - Renovation 201315 809 Furby Street WINNIPEG, MB R3A 1P6 CAN MB(DIVISION 11) 201400580488 v8 Action stage: Bid Results Bid date: 07/18/2014 @ 02:00 PM CDT Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 11/01/2014 Owner type: State Project Overview Project type: Middle/Senior High School. Report type: Project Sub project count: 0 First publish date: 07/11/2014 Prior publish date: 01/30/2015 Publisher: Dodge Data & Analytics Type of Work: Additions, Alterations Status: Bids in and under review - Further action pending Owner?s decision to proceed - Bid July 18 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Cooper Rankin Architects Arnie Cooper (Principal 103-7 Evergreen Place Winnipeg MB R3L 2T3 Phone:204-453-7841 Fax:204-452-3462 E-mail: arniec@cooperrankin.ca, http://cooperrankin.ca/ Electrical Engineer: MCW/AGE Engineers S.T. Netsera 210 - 1821 Wellington Avenue Winnipeg MB R3H0G4 Phone:204-779-7900

Dodge upcoming project reports

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E-mail: mcw_wpg@mcw.com Company Name : MCW/AGE Engineers Mechanical Engineer: MCW/AGE Engineers C.W.Pelda 210 - 1821 Wellington Avenue Winnipeg MB R3H 0G4 Phone:204-779-7900 E-mail: mcw_wpg@mcw.com Company Name : MCW/AGE Engineers Owner (Public): Winnipeg School Division Building Department (Planning 1395 Spruce Street Winnipeg MB R3E 2V8 Phone:204-786-0344 Fax:204-774-6406 E-mail: buildingdepartment@wsd1.org, http://ww.wsd1.org/ Email ID : buildingdepartment@wsd1.org Internet Addr : http://ww.wsd1.org/ Owner's Agent (Public): Winnipeg School Division Stephan Jantz 1577 Wall Street East Winnipeg MB R3E 2S5 Phone:204-451-8731 Fax:204-783-0118 E-mail: sjantz@wsd.org, http://ww.wsd1.org/ E-mail: spanz@wsd.org intep://wwwsd.org/ Company Name : Winnipeg School Division Email ID : s.jantz@wsd.org Internet Addr : http://ww.wsd1.org/ Notes: DEWB30 Mandatory Bidders Meeting July 11 at 10:00 AM (CDT) at Ecole Sacre CoeurGeneral Office -809 Furby Street Winnipeg - MB - 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. 50% Performance Bond. 50% Payment Bond Plans available from: Owner (Public) Additional features: Ecole Sacre Coeur Three Classroom Addition - Renovation Northern Canada ITEM: Roof Repairs (SSE Client#7101) PM016721 SSE Client# 7101, Lot C -11 COLVILLE LAKE, NT X0E CAN NT(INUVIK) 201400672420 v1 Action stage: Bidding Bid date: 10/22/2014 @ 03:00 PM MDT Valuation: B (100K to <200K) First issue bid stage IND: Y. 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: ITEM Only Sub project count: 0 First publish date: 10/15/2014 Publisher: McGraw-HII Construction Dodge Type of Item: ALTERATION. Item Code: Roofing-All Types. Shingles-All-Roofing-Install. Item Category: ROOFING. ROOFING. Status: Bids to Owner October 29 at 3:00 PM (MDT) Status project delivery system: Design-Bid-Build Publish date: 10/15/2014

Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: Northwest Territories Housing Corporation Guy Saint-Andre (Technical Advisor Sahtu District #4 Caribou Crescent Norman Wells NT X0E 0V0 Phone:867-587-5100 Fax:867-587-5101 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: DEWB86 Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the McGraw-Hill Construc

this project will not appear in the McGraw-I tion Network Plans available from: Owner (Public) Items: Completely remove the roof shingles on the damaged side of the roof, approximately 1000 square feet which is half the total roof, and discard. Install a layer of Ice and Water membrane at the base of the roof.Install a layer of black felt paper to the remaining of the damaged side

ITEM: Vacant Home (Demolition) M500001501751A Royal Canadian Mounted Police ARVIAT, NU CAN NU(NUNAVUT) 201400672906 v1 Action stage: Bidding Bid date: 10/28/2014 @ 02:00 PM MDT Valuation: B (100K to <200K) First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Owner type: Federal Project Overview Project type: Unclassified Report type: ITEM Only Sub project count: 0 First publish date: 10/16/2014 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 October 28 at 2:00 PM (MDT) Status: Dids to Owner Oct Status project delivery system: Design-Bid-Build Publish date: 10/16/2014 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: Royal Canadian Mounted Police Sandra E Robinson (NWR Procurement 11140 - 109 Street EDMONTON AB T5G 2T4 Phone:780-341-3036 Fax:780-454-4523 E-mail: sandra.robinson@rcmp-grc.gc.ca, http://www.rcmp-grc.gc.ca/ Email ID : sandra.robinson@rcmp-grc.gc.ca Internet Addr : http://www.rcmp-grc.gc.ca/ Owner (Public): Royal Canadian Mounted Police Sandra E Robinson (NWR Procurement 11140 - 109 Street EDMONTON AB T5G 2T4 Phone:780-341-3036 Fax:780-454-4523 E-mail: sandra.robinson@rcmp-grc.gc.ca, http://www.rcmp-grc.gc.ca/ Email ID : sandra.robinson@rcmp-grc.gc.ca Internet Addr : http://www.rcmp-grc.gc.ca/ Notes: DEWB50 Plans available from: Owner (Public) Items: to demolish a current vacant home in Arviat, NU ITEM: Snow Clearing - Removal SO051173 YELLOWKNIFE, NT CAN NT(FORT SMITH) 201400673844 v1 Action stage: Bidding Bid date: 10/24/2014 @ 03:00 PM MDT Valuation: First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Owner type: State Project Overview Project type: Site Development. Report type: ITEM Only Sub project count: 0 First publish date: 10/16/2014 Publisher: McGraw-Hill Construction Dodge Type of Item: MATL EQUIP. Item Code: Snow Plowing & Removal. Item Category: DEMOL/BLDG.MOVING. Status: Bids to owner October 24 at 3:00 PM (MDT) Status project delivery system: Design-Bid-Build Publish date: 10/16/2014 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,

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$4999,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; J: \$3,000,000-\$49,999,999; J: \$5,000,000-\$99,999; 999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; N: \$50,000,000-No Maximum

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)

SSE Renovation- PH Unit 108 PM016001 Unit 108 DELINE, NT X0E 0G0 CAN NT(INUVIK) 201300697916 v9 Action stage: Bid Results Bid date: 01/15/2014 @ 03:00 PM MST Valuation: C (200K to <300K) Project delivery system: Design-Bid-Build Target start date: 11/01/2014 Owner type: State Project Overview Project type: Apartments/Condominiums 4+ Stories. Report type: Project Sub project count: 0 First publish date: 12/20/2013 Prior publish date: 09/02/2014 Publisher: McGraw-Hill Construction Dodge Type of Work: Alterations Status: Bids in and under review - further action pending Owner's decision to Proceed - Bids Jan 15 Status project delivery system: Design-Bid-Build Publish date: 10/17/2014 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: 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 Owner (Public): Northwest Territories Housing Corporation Crystal Wegernoski (Contracts Admin Sahtu District #4 Caribou Crescent Norman Wells NT XOE 0V0 Phone:867-587-5100 Fax:867-587-5101 E-mail: CRYSTAL_WEGERNOSKI@gov.nt.ca 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 Plans available from: Owner (Public) Additional features: Renovations PH Unit 108 - Deline Client Repair - Client 4 PM015839 Site Not Specified AKLAVIK, NT X0E 0T0 CAN NT(INUVIK) 201300649404 v11 Action stage: Bid Results Bid date: 10/24/2013 @ 03:00 PM MDT Valuation: \$500,000 Project delivery system: Design-Bid-Build Target start date: 12/01/2014 Owner type: State Project Overview Project type: Apartments/Condominiums 1-3 Stories. Report type: Project Sub project count: 0 First publish date: 10/10/2013 Prior publish date: 09/02/2014 Publisher: McGraw-Hill Construction Dodge Type of Work: Alterations Status: Bids still in and under review - Further action pending Owner?s decision to proceed- Bid October 24

NWTHC Beaufort Delta District IDC Bldg - 103 MacKenzie Rd Inuvik NT X0E 0T0

NT X62010 Phone:867-777-7279 Fax:867-777-2217 E-mail: lee_wiliams@gov.nt.ca, http://nwthc.gov.nt.ca/_live/pages/wpPages/home.as Owner (Public): Northwest Territories Housing Corporation Joni Elias (Contracts Administra NWTHC Beaufort Delta District IDC Bldg - 103 MacKenzie Rd Inuvik NT X0E 070 Phone:867-777-5341 Fax:867-777-2217 E-mail: joni_elias@gov.nt.ca, http://nwthc.gov.nt.ca/_live/pages/wpPages/home.as Company Name : Northwest Territories Housing Corporation Notes: DEWB41 - Documents for this project will not appear in the McGraw-Hill Construction Network Plans available from: Owner (Public) Additional features: Client Repair - Client 4 Aklavik

Ontario

Waterford Heritage & Agricultural Museum (Alts) PWFF1433 159 Nichol St WATERFORD, ON NOE 1YO CAN ON(HALDIMAND-NORFOLK) 201300596367 v11 Action stage: Bid Results Bid date: 09/09/2014 @ 02:00 PM EDT Valuation: C (200K to <300K) Project delivery system: Design-Bid-Build Target start date: 10/01/2014 Owner type: Local Government Project Overview Project type: Museum. Report type: Project Sub project count: 0 First publish date: 08/06/2013 Prior publish date: 03/12/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids September 9 at 2:00 PM (EDT) Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Norfolk County Marlene L. Watson (Mgr Fleet/Facilities 183 Main Street of Delhi DELHI ON N4B 2M3 Phone:519-582-2100 Ext:1400 Eax:519-582-4571 E-mail: marlene.watson@norfolkcounty.ca, http://www.norfolkcounty.on.ca Email ID : marlene.watson@norfolkcounty.ca Internet Addr : http://www.norfolkcounty.on.ca Owner (Public): Norfolk County Marlene L. Watson (Mgr Fleet/Facilities 183 Main Street of Delhi DELHI ON N4B 2M3 Phone:519-582-2100 Ext:1400 Fax:519-582-4571 E-mail: marlene.watson@norfolkcounty.ca, http://www.norfolkcounty.on.ca Email ID : marlene.watson@norfolkcounty.ca Internet Addr : http://www.norfolkcounty.on.ca Notes: DEWB86 - Related to DR 201300596383 -Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global 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: exterior wall repairs at the Waterford Heritage & Agricultural Museum including masonry and concrete repairs, concrete window sill replacement, siding and soffit installation and spray insulation removal

Grand Bend Beach House Washroom Upgrades 201509 25 Ontario St GRAND BEND, ON NOM 1TO CAN ON(LAMBTON) 201500463737 v2 Action stage: GC Bidding Bid date: 03/31/2015 @ 11:00 AM EDT Valuation: A (0 to <100K) Project delivery system: Design-Bid-Build Target start date: 04/01/2015 Target complete date: 05/01/2015 Owner type: Local Government Project Overview Project type: Beach/Marina Facility. Miscellaneous Recreational. Report type: Project Sub project count: 0 First publish date: 03/13/2015 Prior publish date: 03/13/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Gc bids to Owner March 31 at 11:00 AM (EDT) Status: Ge blus to Owner P Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Municipality of Lambton Shores Nick Verhoeven 9575 Port Franks Rd. R.R.#1 THEDFORD ON NOM 2N0 Phone:519-243-1400 Fax:519-786-2135 E-mail: nverhoeven@lambtonshores.ca, http://www.lambtonshores.ca Company Name : Municipality of Lambton Shores Inter-net Addr : http://www.lambtonshores.ca Owner (Public): Municipality of Lambton Shores Community Services Office 9575 Port Franks Rd. R.R.#1 THEDFORD ON NOM 2N0 Phone:519-243-1400 Fax:519-786-2135 E-mail: nverhoeven@lambtonshores.ca, http://www.lambtonshores.ca Company Name : Municipality of Lambton Shores Email ID : nverhoeven@lambtonshores.ca Internet Addr : Notes: DEWB86 Mandatory site meeting on March 24 at 10:00 am (EDT) at at the Main Beach bathhouse Bonds: 10% Bid Bond. Plans available from: Owner (Public) Additional features: The work involves all things necessary to remove existingwashroom fixtures and replace with new ITEM: HVAC Improvement 40484 Highway 41 Municipal Office PEMBROKE, ON CAN ON(RENFREW) 201500465014 v1 Action stage: Bidding Bid date: 03/30/2015 @ 01:00 PM EDT Valuation: A (0 to <100K) First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Owner type: Local Government Project Overview Project overview Project type: Office. Report type: ITEM Only Sub project count: 0 First publish date: 03/16/2015 Publisher: Dodge Data & Analytics

Type of Item: ALTERATION.

Status project delivery

Claus Trost

ON K8A-6W5

system: Design-Bid-Build Publish date: 03/16/2015

Key Contacts and Bid Documents

Submit bids to: Owner (Public) Engineer: Township of Laurentian Valley

460 Witt Rd LAURENTIAN VALLEY

Item Code: Air Condition/Temper Sys-Cent. Elec Work. Heating Ctrls. Ventilating Sys. Item Category: HVAC/DUCTWORK. ELECTRICAL.

HVAC/DUCTWORK. HVAC/DUCTWORK. Status: Bids to Owner March 30 at 1:00 PM (EDT)

Phone:613-735-6291 Company Name : Township of

Dodge upcoming project reports

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> Laurentian Valley Owner (Public): Township of Laurentian Valley Claus Trost 460 Witt Rd LAURENTIAN VALLEY ON K8A-6W5 Phone:613-735-6291 Company Name : Township of Laurentian Valley Notes: DEWB30 Plans available from: Owner (Public) Items: Highway 41 Municipal Office HVAC ITEM: Elevator Maintenance (IQC) 324109 Various locations ON CAN ON(THUNDER BAY) 201500464976 v1 Action stage: Bidding Bid date: 04/09/2015 @ 01:30 PM EDT Valuation: D (300K to <400K) First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Target start date: 05/01/2015 Owner type: State Project Overview Project type: Hospital. Report type: ITEM Only Sub project count: 0 First publish date: 03/16/2015 Publisher: Dodge Data & Analytics Type of Item: ALTERATION. Item Code: Elevator Maint. Item Category: ELEVATORS/MOV STAIRS. Status: Bids to Owner April 9 at 1:30 PM (EDT) Status Bids to Owner Apri Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 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: Thunder Bay Regional Health Sciences Centre Mary Nucci 980 Oliver Road THUNDER BAY ON P7B 6V4 Phone:807-684-6000 E-mail: tbrhsc@tbh.net, http://www.tbdhu.com/Finance/Procurement/BidOpport Owner (Public): Thunder Bay Regional Health Sciences Centre Mary Nucci 980 Oliver Road THUNDER BAY ON P7B 6V4 Phone:807-684-6000 E-mail: tbrhsc@tbh.net, http://www.tbdhu.com/Finance/Procurement/BidOpport Notes: DEWB30 Plans available from: Consultant Items: Elevator Maintenance Control Programs ITEM: Screened Sand R-15-4 ORILLIA, ON CAN ON(SIMCOE) 201500465230 v1 Action stage: Bidding Bid date: 03/24/2015 @ 12:00 PM EDT Valuation: First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Owner type: Local Government Project Overview Project type: Site Development. Report type: ITEM Only Sub project count: 0 First publish date: 03/16/2015 Publisher: Dodge Data & Analytics

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$4999,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; J: \$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

Type of Item: MATL EQUIP.

Item Category: MASONRY/CONCRETE.

Status: Bids to Owner March 24 at 12:00 PM (EDT)

Item Code: Sand.

Status project delivery system: Design-Bid-Build

Status project delivery

Lee Williams

system: Design-Bid-Build Publish date: 10/17/2014

Key Contacts and Bid Documents

Submit bids to: Owner (Public) Architect: Northwest Territories Housing Corporation

Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: City of Orillia Purchasing (Tenders 50 Andrew Street South Suite 300 ORILLIA ON L3V 7T5 Phone:705-325-1311 Fax:705-325-5178 E-mail: clerks@city.orillia.on.ca, http://www.city.orillia.on.ca Owner (Public): City of Orillia Purchasing (Tenders 50 Andrew Street South Suite 300 ORILLIA ON L3V 7T5 Phone:705-325-1311 Fax:705-325-5178 E-mail: clerks@city.orillia.on.ca, http://www.city.orillia.on.ca Notes: DEWB86 Plans available from: Owner (Public)

Quebec

Sites to be determined SAINT GEDEON, OC CAN QC(BEAUCE-SARTIGAN) 201100472985 v6 Action stage: Construction Documents Bid date: Valuation: \$58,574,408 Project delivery system: Design-Bid-Build Target start date: 05/01/2015 Owner type: Private DR break away from: 200900730069 Project Overview Project type: Power Plant (Other). Report type: Project Sub project count: 0 First publish date: 04/06/2011 Prior publish date: 12/04/2012 Publisher: Dodge Data & Analytics Type of Work: New Project Status: Planning ongoing - Owner in process of selecting General Contractor - Construction to begin Spring 2015 Status project delivery system: Design-Bid-Build Publish date: 03/17/2015 Key Contacts and Bid Documents Consultant: Genivar 5355, boul des Gradins Quebec QC G2J 1C8 Phone:418-623-2254 Fax:418-623-2254 E-mail: info.quebeccity@genivar.com, http://www.genivar.com/en/ Engineer: Val-Eo Cooperative de solidarite 270 rue du parc SAINT BRUNO OC GOW 2L0 Phone:418-343-3756 Fax:418-343-3756 E-mail: coopvaleo@yahoo.ca, http://www.val-eo.com/ Email ID : coopvaleo@yahoo.ca Internet Addr : http://www.val-eo.com/ Owner (Private): Algonquin Power & Utilities Corp 2845 Bristol Circle Oakville ON L6H 7H7 Phone:905-465-4500 Fax:905-465-4514 http://www.algonquinpower.com/ Internet Addr. : http://www.algonquinpower.com/ Owner's Agent (Private): Hydro Quebec Service d'Approvisionnement (Tenders Bureau de Reception 800 boul. de Maisonneuve Montreal QC H2L 4M8 Phone:514-840-3000 Ext:3002 Fax:514-840-3490 E-mail: bureaudessoumissions@hydro.qc.ca, http://www.hydroquebec.com Owner-Builder/Developer(Private): Val-Eo Cooperative de solidarite Patrick Cote (Directeur Generale 270 rue du parc SAINT BRUNO QC GOW 2L0 Phone:418-343-3756 Fax:418-343-3756 E-mail: coopvaleo@yahoo.ca, http://www.val-eo.com/ Internet Addr : http://www.val-eo.com/ Notes: CRCN01 - Previously part of Master Report DR200900730069.

Construction Document Links: Val-Eo Wind Farm Additional features: 24 MW - main equipment - Enercon - 10 wind turbines -

Mont-Triquet Premade Building 324433 Valcartier Garrison COURCELETTE, QC CAN QC(LA JACQUES-CARTIER) 201500467559 v1 Action stage: GC Bidding Bid date: 04/08/2015 @ 02:00 PM EDT Valuation: \$225,000 First issue bid stage IND: Y. Project delivery system: Design-Bid-Build Target start date: 05/01/2015 Owner type: Military Project Overview Project type: Military Facility. Report type: Project Sub project count: 0 First publish date: 03/17/2015 Publisher: Dodge Data & Analytics Type of Work: New Project Status: GC Bids to Owner April 8 at 2:00 PM (EDT) Status project delivery system: Design-Bid-Build Publish date: 03/17/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: ABCP Architecture 300 rue Saint-Paul Bureau 412 Quebec QC G1K 7R1 Phone:418-649-7369 Fax:418-649-5354 E-mail: abcp@abcparchitecture.com, http://www.abcparchitecture.com Architect: Briere, Gilbert, St-Louis Architectes Reception 50 Cote Dinan QUEBEC QC G1K 8N6 Phone:418-694-9041 Fax:418-694-9051 E-mail: emgilbert@videotron.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. Electrical Engineer: Cima + Andre Trepanier (Ingenieur 1145 boul Lebourgneuf bureau 300 Quebec QC G2K 2K8 Phone:418-623-3373 Fax:418-623-3321 E-mail: andre.trepanier@cima.ca, http://www.cima.ca Mechanical Engineer: Cima + Francis Labrecque (Ingenieur 1145 boul Lebourgneuf bureau 300 Quebec OC G2K 2K8 Phone:418-623-3373 Fax:418-623-3321 http://www.cima.ca Owner (Public): Defence Construction Canada Valcartier Garrison CFB Valcartier-Bldg # 72 rue de la Victoire-Ste 104 COURCELETTE QC G0A 4Z0 Phone:418-844-5000 E-mail: info@dcc-cdc.gc.ca Company Name : Defence Construction Canada Owner's Agent (Public): Defence Construction Canada Annie A Pageau CFB Valcartier-Bldg # 72 rue de la Victoire-Ste 104 COURCELETTE OC G0A 4Z0 Phone:418-844-5000 E-mail: ANNIE.PAGEAU@DCC-CDC.GC.CA Email ID : ANNIE.PAGEAU@DCC-CDC.GC.CA Structural Engineer: Genivar Melanie Tremblay (Ingenieur 5355, boul des Gradins Quebec OC G2J 1C8 Phone:418-623-2254 Fax:418-623-2254 E-mail: info.quebeccity@genivar.com, http://www.geni-

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var.com/en/

Notes: DEWB50 Site Visit March 19 at 10:30 AM (EDT) at Defence Construction Canada - Valcartier Garrison De la Victoire Street - Building VC72 - Room 104 -Courcelette (QC) - DEFENCE CONSTRUCTION CANADA (DCC) ? # VR152083 - The Plans and Speci-CANADA (DCC) ?# VK152083 - INF ritans and spect-fications (P&S) for this opportunity may be ordered from MERX by logging on their website: www.merx.com or by calling 1 (800) 964-MERX (6379) - Please note that the tender results for this project are available from the Bid Opening Office and from the DCC Site at telephone: 418 844-5000 X7092 - Plans & Specifications are cur-rently being processed and will be available within 1-2 business days Plans available from: Consultant Addenda receive date: AR/-2/17-M Additional features: The work includes, but is not neces sarily limited to, the supply of labour, material, supervi-sion and equipment necessary for the construction of a new premade building dedicated to telecomms, to be delivered and installed on top of Mont-Triquet VHF Tower Installation - Other Work (RE-BID) FP802-140315 Site not specified NOTRE-DAME-DU-PORTAGE, QC CAN QC(RIVIERE-DU-LOUP) 201400650253 v11 Action stage: Bid Results Bid date: 11/20/2014 @ 02:00 PM EST Valuation: \$1 - 400,000 Project delivery system: Design-Bid-Build Target start date: 12/01/2014 Target complete date: 03/01/2015 Owner type: Federal Project Overview Project type: Tower/Signal System. Report type: Project Sub project count: 0 First publish date: 09/24/2014 Prior publish date: 01/28/2015 Publisher: Dodge Data & Analytics Type of Work: Additions, Alterations Status: Bids in and under review - Award expected in 30-60 days - Bid November 20 Status project delivery system: Design-Bid-Build Publish date: 03/17/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Engineer: Fisheries and Oceans Canada Gregoire Savoie 200 Kent Street Station 9W067 OTTAWA ON K1A0E6 Phone:613-993-4684 Fax:613-991-1297 E-mail: gregoire.savoie@dfo-mpo.gc.ca Email ID : gre-goire.savoie@dfo-mpo.gc.ca Owner (Public): Fisheries and Oceans Canada Gregoire Savoie 200 Kent Street Station 9W067 OTTAWA ON K1A0E6 Phone:613-993-4684 Fax:613-991-1297 E-mail: gregoire.savoie@dfo-mpo.gc.ca Email ID : gregoire.savoie@dfo-mpo.gc.ca Notes: DEWB73 Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global 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: Fabrication and Installation of a 61m wire-braced VHF tower with related work at Notre Dame-du-Portage in Quebec CFHA Valcartier Parking Spaces 308149

De la Victoire Street VALCARTIER, QC G0A 4Z0 CAN QC(LA JACQUES-CARTIER) 201400659525 v10 Action stage: Bid Results Bid date: 10/23/2014 @ 02:00 PM EDT Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 11/01/2014 Owner type: Military Project Overview

Project type: Parking Garage. Military Facility. Report type: Project Sub project count: 0 First publish date: 10/02/2014 Prior publish date: 01/28/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: GC Bids in and under review - contract award possible within 30-60 days - Bid October 23 Status project delivery system: Design-Bid-Build Publish date: 03/18/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Cima -Mathieu Noman Forfin 1145 boul Lebourgneuf bureau 300 Quebec OC G2K 2K8 Phone:418-623-3373 Fax:418-623-3321 http://www.cima.ca Internet Addr : http://www.cima.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 Electrical Engineer: Cima + Yves Durand 1145 boul Lebourgneuf bureau 300 Quebec QC G2K 2K8 Phone:418-623-3373 Fax:418-623-3321 http://www.cima.ca Internet Addr : http://www.cima.ca Mechanical Engineer: Cima + Yves Durand 1145 boul Lebourgneuf bureau 300 Quebec QC G2K 2K8 Phone:418-623-3373 Fax:418-623-3321 http://www.cima.ca Internet Addr : http://www.cima.ca Owner (Public): Defence Construction Canada Alain Tessier CFB Valcartier-Bldg # 72 rue de la Victoire-Ste 104 COURCELETTE QC G0A 4Z0 Phone:418-844-5000 E-mail: Alain.Tessier@dcc-cdc.gc.ca Company Name : Defence Construction Canada Notes: DEWB86 - Site Visit October 7 at 10:30 AM (EDT) at Defence Construction Canada - Valcartier Garrison - De la Victoire Street - Building VC72 Room 104 Courcelette - QC - DEFENCE CONSTRUCTION CANADA (DCC) ? #HAPVA60 ? The Plans and Specifications (P&S) for this opportunity may be ordered from MERX by logging on their website: www.merx.com or by calling 1 (800) 964-MERX (6379) - Please note that the tender results for this project are available from the Bid Opening Office and from the DCC Site at telephone: 418-844-5000 X 7092 - The list of Prospective bidders is not available from regular sources - If you are GC bid-ding on this project please call 1-888-836-6623 Plans available from: Consultant Addenda film date: 10/15/2014 Addenda receive date: CT/-2/15-O Additional features: The work includes, but is not necessarily limited to, the supply of labour, material, supervision and equipment necessary to build new parking spaces and other related work Canadian Museum of History Exterior Stairs Renovation 300080

100 Laurier Street GATINEAU, QC K1A 0M8 CAN QC(COMMUNAUTE-URBAINE-DE-L'OUTAOUAIS) 201400578414 v10 Action stage: Start Bid date: 08/06/2014 @ 02:00 PM EDT Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 09/01/2014 Owner type: Federal Project Overview Project type: Museum.

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$4999,999; F: \$500,000-\$749,999; C: \$200,000-\$749,999; C: \$200,000-\$749,000; C: \$200,000; C: \$200,000; C: \$200,000; C: \$200,000; C: \$200,000; C: \$20

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: \$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; M: \$50,000,000-No Maximum

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Report type: Project Sub project count: 0 First publish date: 07/09/2014 Prior publish date: 02/20/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Reporting General Contractor - Bid August 6 2014 Status project delivery system: Design-Bid-Build Publish date: 03/19/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Douglas J Cardinal Architects Ltd. Douglas Cardinal (Principal 331 Somerset St. West Ottawa ON K2P 0J8 Phone:613-440-2262 Fax:613-233-2462 E-mail: d.cardinal@djcarchitect.com, http://www.djcar chitect.com/ Consultant: MERX Customer Support 38 Antares Drive Ottawa ON K2E 7V2 Olv K2E /V2 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. General Contractor: E D Brunet Et Associes Canada Inc 9 Rue Dumas HULL QC J8Y 2M4 Phone:819-777-3877 Fax:819-777-8049 E-mail: info@edbrunet.com, http://www.edbrunet.com Owner (Public): Canadian Museum of Civilization Corp. Paulo Muleiro (Contract Section 100 Laurier St GATINEAU QC J8X 4H2 Phone:819-776-8517 Fax:819-776-8225 E-mail: paulo.muleiro@civilization.ca, http://www.civilization.ca Email ID : paulo.muleiro@civilization.ca Internet Addr : http://www.civilization.ca Structural Engineer: John Cooke & Associates Gerry G. Morris (Architect 17 Fitzgerald Rd Suite 200 Ottawa ON K2H 9G1 Phone:613-226-8718 Fax:613-226-7424 E-mail: mailbox@jgcooke.com, http://www.jgcooke.com Notes: CRCN01 - Mandatory Site Visit July 7 at 10:00 AM (EDT) at the Security Desk of the Canadian Museum of History, Curatorial Building, located on 100 Laurier Street - Gatineau - Quebec - 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. 50% Performance Bond. 50% Payment Bond. Plans available from: Consultant Addenda receive date: UL/-2/09-J Additional features: The Canadian Museum of History (?CMH?), is requesting a sum lump proposal from quali-fied Contractors to provide services for the renovation of the exterior waterfall court stairs located between Block B and C buildings, at the Canadian Museum of History

Sakatchewan

W.G. Davies Building (Alts) GSLLM14037B 10 Ominica St MOOSE JAW, SK S6H 6V2 CAN SK(DIVISION 07) 201300692122 v16 Action stage: Bid Results Bid date: 08/28/2014 @ 02:00 PM CST Valuation: I (3M to <5M) Project delivery system: Design-Bid-Build Target start date: 09/01/2014 Owner type: State Project Overview Project type: Office. Capitol/ Courthouse/City Hall. Report type: Project Sub project count: 0

First publish date: 12/11/2013 Quarter Northeast Precinct Roadway Lighting located at Prior publish date: 01/28/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and under review - Award expected in 30-60 days - Bid August 28 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Owner (Public) Architect: Stantec Architecure Ltd Allan Duddridge (Principal Architect 613 Ninth Street East SASKATOON SK S7H 0M4 Phone:306-664-6139 Fax:306-664-1035 E-mail: aduddridge@stantec.com Owner (Public): Government of Saskatchewan Angelica Redman (Purchasing 1920 Rose Street REGINA SK S4P A09 Phone:306-787-8881 Fax:306-787-3023 E-mail: angelica.redman@gov.sk.ca, https://www.sasktenders.gov.sk.ca/Content/Public/C angelica.redman@gov.sk.ca Internet Addr : https://www.sasktenders.gov.sk.ca/Content/Public/C Company Name : Government of Saskatchewan Email ID : Notes: DEWB86 Project No.: MU0127-01 / LLM14037 -Source requests all bid documents be ob-Lained through their channels only - Documents for this project will not appear in the Dodge Global Network Plans available from: Owner (Public) - US\$ 100 deposit. Addenda film date: 01/08/2014 Addenda receive date: AN/-2/07-J Additional features: The work consists of replacement of windows and building codes upgrade to the W.G. Davies Building College Quarter Northeast Precinct Roadway Lighting IP15-04 University Of Saskatchewan SASKATOON, SK CAN SK(DIVISION 11) 201500455299 v2 Action stage: Bidding Bid date: 03/18/2015 @ 02:00 PM CST Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 04/01/2015 Owner type: State Project Overview Project type: Roadway Lighting. Report type: Project Sub project count: 0 First publish date: 03/04/2015 Prior publish date: 03/04/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids to Engineer March 18 at 2:00 PM (CST) Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 Key Contacts and Bid Documents Submit bids to: Engineer Engineer: Willms Engineering Ltd Ken Willms (Owner 15 Innovation Blvd Suite 405 SASKATOON SK S7N 2X8 Phone:306-934-8357 E-mail: kwillms@willmsengineering.ca Company Name Willms Engineering Ltd Owner (Public): University of Saskatchewan E150 -105 Administration Place SASKATOON SK S7N 5A2 Phone:306-966-4537 Fax:306-966-8342 E-mail: integrated-planning@usask.ca, http://www.usask.ca/ 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

Saskatoon,Saskatchewan 2014 Road Gravel Program 2014-04-COH-RGP Various location HUMBOLDT, SK CAN SK(DIVISION 15) 201400514112 v9 Action stage: Bid Results Bid date: 05/08/2014 @ 03:00 PM CST Valuation: F (500K to <750K) Project delivery system: Design-Bid-Build Target start date: 06/01/2014 Target complete date: 10/01/2014 Owner type: Local Government Project Overview Project type: Paving Report type: Paving. Report type: Project Sub project count: 0 First publish date: 05/05/2014 Prior publish date: 01/27/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and under review - Further action pending Owners decision to Proceed - Bid May 8 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 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.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& Owner (Public): City of Humboldt Department of Planning & Eng (City Hall 715 Main Street Box 640 HUMBOLDT SK S0K 2A0 Phone:306-682-2525 Fax:306-682-3144 E-mail: info@humboldt.ca, http://www.cityofhumboldt.ca/default.aspx?page=10& Internet Addr http://www.cityofhumboldt.ca/default.aspx?page=10& Notes: DEWB82 Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond. Plans available from: Owner (Public) Additional features: 2014 Road Gravel Program - 7th St / 9th Ave and 2nd Ave from Lane W of 8th St to 6th St: 2014 Sanitary Trunk Sewer Improvement 000124 MOOSE JAW, SK CAN SK(DIVISION 10) 201400659184 v7 Action stage: Bid Results Bid date: 10/27/2014 @ 02:00 PM CST Valuation: G (750K to <1M) Project delivery system: Design-Bid-Build Target start date: 11/01/2014 Owner type: Local Government Project Overview Project type: Sanitary Sewer. Report type: Project Sub project count: 0 First publish date: 10/01/2014 Prior publish date: 01/29/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids October 27 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 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

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: DEWB30 - The list of Prospective bidders is not variable from regular sources - If you are GC bidding on this project please call 1-888-836-6623 Plans available from: Owner (Public) Additional features: The City of Moose Jaw intents to rehabilitate partially and fully deteriorated segments of ex-isting sanitary trunk sewer through necessary cleaning and installation of resin-impregnated flexible liner. When resin is cured, the finished Cured-in-Place Pipe (CIPP) will be continuous and tight fitting

E-mail: scampbell@moosejaw.ca, http://www.moose-

2014 Sanitary Trunk Sewer Improvement 309567 4 Locations MOOSE JAW, SK CAN SK(DIVISION 07) 201400676379 v6 Action stage: Bid Results Bid date: 10/27/2014 @ 02:00 PM CST Valuation: G (750K to <1M) Project delivery system: Design-Bid-Build Target start date: 11/01/2014 Owner type: Local Government Project Overview Project type: Sanitary Sewer. Report type: Project Sub project count: 0 First publish date: 10/20/2014 Prior publish date: 01/29/2015 Publisher: Dodge Data & Analytics Type of Work: Alterations Status: Bids in and under review - Award expected in 30-60 days - Bid October 27 Status project delivery system: Design-Bid-Build Publish date: 03/16/2015 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 docu-ments and submit a bid. MERX is the sole source for documents. Register at www.merx.com. Engineer: City of Moose Jaw Engineering Department (Engineering Departme 228 Main Street North MOOSE JAW SK S6H 3J8 Phone:306-694-4400 Fax:306-694-4480 E-mail: parksbids@moosejaw.ca, http://www.moosejaw.ca/ Owner (Public): City of Moose Jaw Engineering Department (Engineering Departme 228 Main Street North MOOSE JAW SK S6H 3J8 Phone:306-694-4400 Fax:306-694-4480 E-mail: parksbids@moosejaw.ca, http://www.moosejaw.ca/ Notes: DEWB73 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: Consultant Additional features: The location and details of Four (4) Projects related to rehabilitation of existingsanitary trunk main sections are listed below and are ranked in order of their priority.Please see map attached for site and pipe location.

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$4999,999; 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

Phone:306-694-4436 Fax:306-694-4480

Bonds: 10% Bid Bond.

Plans available from: Owner (Public)

Additional features: University of Saskatchewan, College



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