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Editor's viewpoint



Welcome to the summer issue of Canadian Design and Construction Report.

This issue reflects the diversity of issues and challenges in the architectural, engineering and construction community, from the beginning of the process – with a look at how the Seller-Doer Model applies for business development – to the conclusion – getting paid; a contentious and challenging issue as initiatives to develop legislation and better practices are introduced both provincially and federally.

There are other stories, ranging from concrete and concrete pumping, to sustainability, building code developments, and construction in Canada's far north.

As usual, we also publish a coast-to-coast round-up of relevant industry news.

After we send the image files to the printer (and post this issue on the web at www.cadcr.com), I'll take a few days summer break – before preparing the next issue to be published in September.

As always, if you have story ideas, suggestions, or simply wish to express your thoughts, your comments are most welcome. You can reach me by email at buckshon@cadcr.com.

Canadian Design & Construction Report

July-August 2016

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Canadian Design & Construction Report

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

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

600 changes introduced in National Model Construction Codes

Canadian Design and Construction Report staff writer

Canadians are demanding safer, healthier and more accessible construction where they live, work and play. To address these demands, some 600 changes were introduced in the National Model Construction Codes, now known as Codes Canada. The 2015 edition of the codes respond to the changing needs of Canadians and to new technologies, materials, and research.

- All buildings in Canada will now be designed for earthquake forces regardless of the level of hazard;
- New design requirements will improve accessibility of stairs and washrooms;
- Increased run dimension of steps inside houses from the current minimum of 210 mm to a new minimum of 254 mm could reduce fall incidences by up to 64 per cent;
- New requirements to flow rates in showers will reduce water usage in buildings; and
- Additional protection measures such as higher standards for automatic sprinkler systems will allow for the construction of six-storey wood buildings.

"I am very pleased to announce the launch of the 2015 editions of Codes Canada," Douglas Crawford, chair of the Canadian Commission on Building and Fire Codes, said in a statement. "Their development is the result of a great deal of work from over 600 dedicated volunteers, broad consultations, and the excellent staff support provided by NRC's Codes Canada. This work has benefited from, and been informed by, our ongoing partnership with the provinces and territories and strong working relationships with key stakeholders."

In response to climate change, the Government of Canada has announced an additional \$40 million over five years to integrate climate resilience into building design guides and codes. Funding will support revised national building codes, and guides integrating climate resiliency into the design and rehabilitation of public infrastructure will be ready for adoption in 2020.



"For over 75 years, the National Research Council has supported an open and collaborative development process," said Philip Rizcallah, director of building regulations at the National Research Council of Canada. "Our goal is to produce effective building and safety regulations that are harmonized across Canada by collaborating with Canada's provinces and territories and the Canadian Commission on Building and Fire Codes."

Codes Canada are developed by the Canadian Commission on Building and Fire Codes and are published every five years by the National Research Council of Canada (NRC). This includes the National Building Code, the National Fire Code, the National Plumbing Code, and the National Energy Code for Buildings.

The Canadian Commission on Building and Fire Codes is an independent and public committee of volunteers established by the National Research Council (NRC) and responsible for developing and updating the National Model Construction Codes.

Under Canada's constitution, provinces and territories regulate the design and construction of new houses and buildings, as well as the maintenance and operation of fire safety systems in existing buildings.

Anyone can submit a code change request at any time through NRC's website. These requests are reviewed and, if approved, help improve the codes.

Codes Canada are published in print or electronic format under a variety of price points, including: student discounts, bulk discounts, and short term online subscription rates.



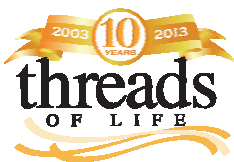
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Delegates from across Canada gathered in Halifax May 25 to 29 for the annual Construction Specifications Canada conference to network and enhance their knowledge.

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PROMPT PAYMENT

Ontario awaits Construction Lien Act review decision as federal Senate debates payment legislation

Canadian Design and Construction Report staff writer

Prompt payment continues to be one of the biggest business challenges and legislative controversies for Canada's construction industry.

Efforts to legislate payment standards reached an intense level in Ontario in 2013-14 when trade contractors sought to push through a private members' bill which (rarely, for non-government sponsored legislation) made it through second reading and the committee stage, before it was derailed by an opposing coalition of owners and some general contractors.

However, the defeat wasn't total. The Ontario government called for a review of the Construction Lien Act (CLA), with a mandate to explore the entire payment process. Lawyers Bruce Reynolds and Sharon Vogel, after extensive consultations with the industry stakeholders through 2015 and into 2016, submitted a comprehensive report at the beginning of May.

A few days later, at the Toronto Construction Association's Members' Day, a panel of lawyers and construction industry leaders explored the likely implications of the CLA review and its impact on payment practices and dispute resolution. (See separate story.)

Some Ontario industry leaders expected the government to quickly release its implementation decision, but there has (at press time in early July) still been no announcement.

This has led to speculation that the latest effort on prompt payment reform may also be derailed, but Clive Thurston, president of the Ontario General Contractors Association (OGCA) says there is no need for concern.

"First, we do know it is a lengthy and comprehensive report, some 300 pages and 100 or so recommendations," Thurston wrote in a note to OGCA members. "We do know that Mr. Reynolds and Ms. Vogel underwent a very thorough hearing from more than 60 parties, and they conducted interviews and consultations to ensure they heard everything that was necessary. Those of us who know Mr. Reynolds and Ms. Vogel are not surprised that they would be tabling a thorough and comprehensive report on this difficult issue.

"Further unrelated events within the government required more time: the translation and publishing of the document to the government members responsible; the illness of one of the two ministers involved in overseeing the report; the premier being on trade missions; and most im-

portantly, the cabinet shuffle, meaning two new ministers must be brought up to speed before the report goes public. Such delays, while disappointing, are not some part of a scheme to delay the documents release as some would have you believe, going so far as to accuse the Attorney General's office of not having the competence to review it and the government itself of not caring.

"Such unfounded and inflammatory rhetoric belongs in the National Enquirer, not on the pages of any reputable industry voice," Thurston wrote.

"We believe that once released, and we do not expect that to be much longer, then the real work will begin. While no one knows exactly what is in it, we believe that it will be the start of a ground breaking effort to reform the payment system for our projects in Ontario and will resonate across Canada. Its success will depend on the, so far, highly polarized sides putting aside their prejudices and personal agendas to work together side by side to achieve fairness and reform in the payment process for all parties."

Meanwhile, the Canadian Senate is considering federal level prompt payment legislation, through the Canada Prompt Payment Act. While most legislation starts in the House of Commons and follows through to the Senate, in this case, the legislation was introduced by Sen. Don Plett, who had been the owner of a heating and ventilation company before launching his political career.

It is not a government bill and the government has not commented on it. So it is uncertain whether the legislation will make much progress. Even if it does, it will be restricted in application to the narrow aspects of the construction industry subject to federal, rather than provincial jurisdiction.

"The act defines the scope of a government institution to include a department or ministry of state of the Government Canada, and certain other listed bodies, offices or crown corporations," the Ottawa Construction Association's Construction Comment magazine reports.

The proposed federal legislation would codify a requirement for progress payments and the timing of these progress payments, both at the owners' level, and from the general through the sub and sub-subcontractors. There also are provisions for milestone payments, interest, the right to suspend or terminate work on projects, and the right to information – namely, the due dates for the progress payments and final payments under the contract.



Ontario's Construction Lien Act Review: What to expect when it is released

Canadian Design and Construction Report staff writer

Months after Bruce Reynolds and Sharon Vogel submitted their comprehensive report on recommendations for changes to Ontario's Construction Lien Act, there is still silence from the provincial government about the review's contents, and how and when the recommendations will be implemented.

The Toronto Construction Association (TCA) announced Reynolds would be the guest speaker at its May 11 Members' Day, expecting the report to be released by then, but Reynolds, billed as the guest speaker, couldn't show up because the report had not been made public.

"We were optimistic" until the last minute that the report would be released and Reynolds would attend, John Mollenhauer, the TCA's president and CEO, told a packed meeting room where the audience was waiting to hear from Reynolds. "The report is 299 pages long, has dozens of pages of appendices, with 14 chapters and 100 recommendations. They (government officials) have to assimilate the data, brief the ministers and then release it. It's probably two or three weeks to release publicly."

However, while the report could not be public, panelists at the TCA gathering sought to explain what would likely be in it in a forum moderated by construction lawyer Glen Ackerley, a partner at WierFoulds LLP, and one of 13 members of an advisory group which he said "Bruce and Sharon bounced ideas off."

Ackerley said the existing CLA is 33 years old. "At that point I was typing essays on a Commodore 64," he said. "Technology has moved forward, but the Lien Act has not. Projects are much more complicated, relationships have grown much more complex, project delivery models like the AFP (alternative financing and procurement) model came in since the act was passed. There are situations where the act has not kept up."

He said there have been very few changes with the legislation in the more than three decades since its introduction.

The challenge in making changes – and a partial reason for the long delay in dealing with the act – relate to the various vested interests and perspectives, each with their own perspective, coupled with the fact that the CLA could not be considered a central political priority.

These conditions changed when trade contractors pushed forward with their objectives to introduce prompt payment legislation, which resulted in a private members' bill (Bill 69) that went through committee but was stalled after a public outcry by key stakeholders including owners who believed their needs were not considered in the act.

The solution: Reynolds and Vogel were contracted to develop a solution, which could involve revisions to the CLA and/or some form of prompt payment legislation. They



would "do what is right in the interests of the industry," Ackerley said. "They could recommend something everyone wouldn't agree to – everything is on the table."

Panelist Gerald Boyle, vice president of Revay and Associates Ltd., said he understands the review considered adjudication as well as mediation, arbitration and dispute resolution boards.

The concept of a "quick and dirty" adjudication process, which has been applied in other jurisdictions, sees a mandatory decision set quickly by an adjudicator "selected by the two parties" and the decision can only be appealed to the courts after the project is completed.

In effect, he said, this process gives some advantage to the contractor or subtrade making the claim, as work can be done privately preparing the arguments, and the other side (perhaps the owner or general contractor) won't have much time to file a response. However, the "pay now, argue later" approach allows the project to move forward and for matters to be sorted out without excessive delay. Very few cases actually go to litigation afterwards, he says.

Yonni Fushman, vice president and general deputy counsel, Aecon Group Inc., said the Bill 69 prompt payment "was like a nuclear missile approach rather than a fly swatter." He said the industry is incredibly complex. Can the same legislation apply to a \$1,000 renovation and a multi-billion Public/Private/Partnership (P3) project?

"Everyone has issues with cash flow," he said. However, there can be many different reasons for payment delays.

Continued on page 11

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Construction Law: Construction contract formats

Does the contract truly reflect the parties' mutual understandings?

Canadian Design and Construction Report staff writer

Construction lawyer Debbie Bellinger says the most important consideration in construction contracts isn't the legal wording or contract form – it is whether the contract truly reflects the mutual understanding between the parties to the agreement.

"If you feel you are about to get hung out to dry it is probably not a good contract," the partner with Nelligan O'Brien Payne LLP told a Construction Specifications Canada (CSC) Ottawa chapter gathering, where she explained the characteristics, advantages, and challenges with different contract formats. "If you have trust between the parties, the contract will be that much better."

"The form of the contract is not the foundation of a good project. A good project (happens when) the understanding of the parties is clear, including their scope and obligations, she said.

Bellinger said there is "always a danger of disconnect" between the people negotiating the contract "and the people on the ground – the project manager and site people" and she said the ground level insights "are as important in assessing risks" as those in the lawyer's office.

She said "the paper contract is nothing more than the reflection of the intention and understanding of the parties with respect to a promise.

"The contract is only as good as the whole of the contract documents and the mutual understanding of the parties."

She said well drafted contracts, regardless of form, goes beyond the key obligations and shifting of risks. The contract also:

- Sets out processes and procedures;
- Sets out benchmarks for expectations;
- Sets out a means to record changes;
- Sets out a means for resolving and preventing disputes, including the consultant, locale, choice of arbitrator, and the costs of arbitration and process;
- Confirms the obligations of the parties; and
- Allocates risks and rewards.

Bellinger said there are real challenges with enforcement terms when things go wrong. "There's a real break point determining which disputes are worth fighting and which aren't," she said. There is always merit in "trying to work it out without lawyers."

Bellinger says one of the biggest mistakes made is when shortcuts are taken in drafting contracts by lifting conditions and content from other projects and applying them when they aren't appropriate. The standard form contracts work well, but it is important to fill in the details correctly and "when you start tweaking one part of the standard form" you have to consider "what impact it will have on others."

"Don't skip over developments of common understanding when negotiating," she advised. "Don't hand off the drafting of the contract document to someone else."

The choice of delivery model will depend on a variety of circumstances including the owner's experience level, financing/lending requirements, the budget and status of design, the schedule and pressures on schedule, and quality versus price.

"There is a danger if you push too much risk to the other party, if you end up in dispute, the other party is going to push back," she said.

Bellinger then outlined the different contracting models, excluding Public/Private Partnerships (P3s) because these complex undertakings have their own special challenges.

Fixed price

This standard contract format "allocates the majority of the risk on prices, schedule and performance to the contractor" – the owner's only exposure and liability relates to the obligation to pay the fixed costs.

Not surprisingly, the biggest challenges occur when there are "changes in the scope of work, delays or other factors that are beyond the contractor's control" resulting in change orders. "Detailed specs and plans are essential for avoiding cost cutting on the part of the contractor and disputes as to scope of work in the fixed price." There can also be challenges if there are changes in the building code between the bid date and the issuance of the building permit.

Cost plus

In this model, the owner pays the general contractor the costs of construction plus a predetermined fee. This shifts risk to the owner – because there is no incentive (other than repeat business opportunities) for the contractor to minimize costs. While it can be helpful to have the general contractor involved earlier in the process with this model, the “uncertainty in terms of total cost to the owner” causes financing challenges, as well as equity issues as the “owner takes liability on cost overruns.”

Construction Management

This model makes the most sense when the owner has solid construction experience. Essentially, the owner assumes the responsibilities (and risks) of the general contractor, contracting with the contractor as a consultant, who in turn contracts with sub-consultants. “The construction manager acts as the owner’s agent and is typically compensated for the cost of the work plus a predetermined fee.” The owner assumes virtually all of the project risks.

Challenges arise when the construction manager must answer to two masters, the design consultant and the owner “each of whom may disrupt schedule or budget” – and the difficulties in managing the schedule and budget if contract documents are incomplete.

Construction Management at Risk

Here, the owner contracts directly with the consultant and the construction manager. “The construction manager then contracts with trade contractors, assuming the obligations of the owner.”

Bellinger says this model incentivizes keeping the project on schedule but there is “tension where construction costs or schedule are impacted by design issues” – there can be “finger pointing between the owner’s consultants and the construction manager and trade contractors.”

Design-Bid Build

Bellinger says “this model has gone by the wayside” because of the accountability issues and conflicts that can arise. The owner contracts with the designer and hires the builder at the early stage – and the builder is expected to “come in on a fixed price before design is final.”

“This can work if the owner is prepared to give basic requirements and stand back” but can be problematic because the architect and builder aren’t working together, and “the constructibility of the design becomes an issue.”

Design/Build (Integrated Project Model)

In this model, the contractor and/or design/contracting team set out to achieve the owner’s objectives with the ability of the contractor and designer to modify the project to meet the objectives.

“Giving a fixed price, it’s the pricing of the building based on a basic statement of requirements of the owner.” The challenge is that the owner should not get too far into the details.”

The cohesive team approach from the beginning eliminates many conflicts and delays, she said. “There’s increased potential for a relatively certain fixed price since all parties are working together to conform to the owner’s requirements.”

Ontario’s Construction Lien Act Review

Continued from page 8

“The current legislation requires a fight,” he said. “It is a multi-year process. You are paying interest on money that you are borrowing. That’s where adjudication becomes an interesting option.” It would be better than just putting a lien on the project, where holdbacks and payment delays can stretch for years.

Howard Krapat, partner at DLA Piper, also said that the adjudication process might combine a solution to the Lien Act’s costly delays and consequences for prompt payment.

Ackerley said the key may be three concepts, “woven together in some fashion” including prompt payment rules, a new adjudication process, and these two ideas married with the existing lien legislation.

He said there is a fourth issue – how money is handled within a construction project, specifically the trust account concept.

The CLA’s trust provisions “is sort of a second protective remedy, which comes up frequently in insolvency proceedings,” Krapat said. But this has another layer, because of conflicts at times with the federal Bankruptcy and Insolvency Act – which receives priority in considering the rules.



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Opportunity shines for collaboration in capturing new business



The painful recession in the latter part of the 2000s has created a shining light of opportunity for architectural, engineering and construction practitioners ready to capitalize on it in the decades ahead: The integration of business development and professional/technical work – and the practical expansion of the seller-doer model.

Today, the mantra is “everyone should be involved in business development,” evolving the early era rainmaker model and the later approach borrowed from other industries of dedicated sales (business development) representatives. New research indicates that an integrated system works best. Project managers and even junior engineers and architects help out in capturing new business for their practices.

The most recent model shift initially occurred with the blunt force trauma. As the 2008 recession tore into established AEC businesses, specialized business development staff were dismissed and project managers were asked to

step in and help bring in new business through their relationship network.

Today though, conditions are very different and now the story is a shortage of time and, in some cases, qualified professionals. Without planning, co-ordination and specialized training, overworked doers may struggle to apply the best business development practices. Even if practices try to resolve the problem by rehiring dedicated business development specialists, they will find that some clients may prefer meeting with “doers.”

SMPS Foundation research from the book *AEC Business Development – The Decade Ahead* has uncovered the vitally important observation that some clients prefer to do business with seller-doers rather than dedicated business development representatives. In other words, the seller-doer model, developed during the recession as a business survival tool, reflects what should be best practice for business development in thriving conditions.

Scott Butcher, vice president and director of business development of JDB Engineering, Inc. with offices in Pennsylvania and Maryland, says the original seller-doer model – rainmakers – reflected the business norm for AEC professional services before the 1970s marketing revolution, when professional practices were allowed to advertise and work with non-doer business developers for the first time.

In the old days, principals/partners often were their most effective business developers. Rising stars with business development ability could quickly achieve prominence and success as they had the strategic ability to attract new business, while maintaining professional credentials. Most of these rainmakers seemed to have natural ability, though there were some guides, such as Ford Harding's solid books on rainmaking, that sought to codify the business development processes.

Construction businesses, meanwhile, either generally competed in "low bid wins the job" competitions or relied on existing networks and relationships to uncover new business, when concepts such as design-build, integrated project delivery or public-private-partnerships were rarely if ever applied.

When marketing and business development rules were relaxed by professional associations in the 1970s and 1980s, firms sought out and began hiring non-technical business developers or salespeople.

Butcher says these sales representatives have personality traits often the opposite of the technical professionals.

"Engineers are trained culturally to be 100 per cent correct in everything they do," he said. (This is reasonable, of course, because you don't want to be guessing about the reliability or safety in engineering specifications.) However, "with sales, there is no such thing as 100 per cent perfection. Every prospect is different. In sales, you are constantly experiencing objections. People say no."

In practice, this means that without guidance, when project managers enter the business development world, they may initially be enthusiastic, working on a proposal, developing interviews, and seeking business. "But when you start experiencing rejection, it is very disheartening and demotivating," Butcher says.

The solution, says Butcher and SMPS president Paula Ryan, director of marketing for Jezerinac Geers & Associates, Inc., structural engineers in Columbus, OH, lies in the fact that in many cases the doers "don't know how to build deliberate relationships or ask the right questions of clients – it's a question of they don't know what they don't know."

The doers can then throw their hands up, say "that's enough business development for me," and retreat back to their technical or professional work," Butcher says. "Many doers have little interest in selling. And even those who have an interest don't necessarily have the right skillset or mindset."

The solution, say Butcher and Ryan, is to provide training and support for technical professionals and project managers, while recognizing there will be some who will want to spend more of their time on business development than others. The ones with business development aptitude and ability should be encouraged to develop their skills and given greater responsibilities.

Continued on page 14

Some key points about the seller-doer model



Here are some key points and resources for practitioners interested in the seller-doer model:

All hands on deck

Virtually everyone in the organization, from the front office receptionist and mid-level project managers, to the CEO, has a role in business development. Providing exceptional client service and maintaining relationships with existing clients are essential to business development. Technical professionals who don't have the aptitude or interest in business development can still sharpen their soft skills. Asking questions about opportunities, and participating in client organizations are contributions anyone can make.

Seniority equals business development (but juniors can get a head start)

New research indicates that close to half of technical professionals with the title of principal, owner, or partner have business development goals. One way junior staff can secure career advancement is by learning and taking an interest in business development.

Traditional business developers need to develop pedagogical (teaching) and co-ordinating skills

Business developers will spend more time coaching seller-doers in the art of client capture and maintenance. They should focus on advancing their training skills and developing a solid understanding of the technical aspects of the industry, as well as their own credentials.



"There is always going to be a role for business developers," Ryan says. "New SMPS Foundation research clearly illustrates the partnership that needs to appear between business developers and technical professionals."

"Business developers will provide training and presentation coaching, help strategize meeting agendas, and develop one-on-one coaching on how to build client relationships," she said. "They will also help with client targeting, participating in client led organizations, and be the 'opener' for their firms – meeting prospective clients and making the introductions to the technical representatives."

What the future holds

Accordingly, just as seller-doers increasingly need to put business development in their work schedule, non-technical sales professionals need to grasp the industry's professional and technical focus, trends and operations and know enough to bring the right technical person to initial development meetings.

"The quality of the decisionmakers at the client end has increased," Butcher said. "They in many cases are licensed architects or engineers, or they've come out of the construction side of the business with extensive practical knowledge and experience. As a result, they have much higher demands right from the first conversation."

In practice, this means most potential clients have little if any time to meet with a salesperson, who can't grasp and suggest right away a solution to the actual technical and design challenges, according to client research captured in the SMPS Foundation's book: *A/E/C Business Development – The Decade Ahead*.

Butcher says AEC enterprises and professional practices appear to be taking these observations to heart. A recent SMPS/SMPS Foundation survey indicates that a solid majority – 53 per cent – of firms believe they are going to be continuing with the hybrid business developer/seller-doer model in the next decade. However, an impressive minority (24 per cent) say they will exclusively use seller-doers, suggesting the vital overall importance of the seller-doer model, along with the right training. (The remaining 23 per cent are not sure.)

Butcher says junior staff are often embracing the seller-doer model and can be valuable resources as they develop their professional careers. These traits were advocated a few decades ago by rainmaker gurus, but more often were initiated by the individual, rather than the organization.

Some practices are building business development personality trait evaluations into their initial selection and hiring processes, he says.

Meanwhile, benchmark research included in the Sell. Do. Win Business report indicates that for technical professions, job title typically influences business development goals. For example, 44 per cent of the staff with the title of principal, owner or partner have personal business development goals, as do 20 per cent of employees with the title of project executive or project manager. Having business development goals equates to having a firm budget that allows for allocated time to be spent bringing in work.

There is one final piece of good news for practitioners interested in the seller-doer model. Selling most definitely doesn't need to be the awful rejection laden ordeal that some might associate with business development.

Ryan and Butcher agree that some of the best results often come from relationships built through voluntary participation in association involvement. Speaking engagements at conferences and events are helpful. And for those more introverted people who would rather write than talk, contributions to technical articles and publications will provide valuable business development opportunities.

Finally, of course, connecting and serving and working well with current clients will provide key leads and insights for business development opportunities. The seller-doer can then report the opportunities to the practices' business development specialists and managers to be guided on the best approaches to take to pursue the opportunities without stress or painful rejection.

"Softening the sales part of business development is going to bring in a larger group of people," Butcher says. "The opportunities in educational based marketing are opening whole new worlds."

Mark Buckshon, president of the Construction News and Report Group of Companies, wrote a version of this article for The SMPS Marketer, the magazine of the Society for Marketing Professional Services, (SMPS), a U.S. based organization that represents and supports marketing and business development within the architectural, engineering and construction community.

There are SMPS chapters in most major U.S. cities, as well as in Toronto. For more information, visit www.smeps.org, or in Ontario, www.smepsontario.com.

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Brexit and other panics: What is the real risk?

By Richard Yasinski CFP

I write this the morning after the Brexit vote – the referendum in which Brits voted to exit the European Economic Union. The late polls suggested they would vote “stay” and the equity markets were rising. Then the “leave” vote won and markets declined, at least temporarily.

The media has been presenting this drama as a significant risk to the stock market and there is little doubt that markets swing daily on any new information. But at this point it’s hardly a major panic as declines go. I’m surprised the markets have not declined further.

I just heard of an investor who went to cash, sold all her equity portfolio to wait out the vote. As the leave side won, to benefit from this strategy she must immediately reinvest all of her cash into the equity market – but statistics and history suggests she will wait for “a more certain direction.” Just as those investors did who stayed in cash after the crash of 2008 and remained in cash as the S&P doubled over five years. I know many did this because I’ve met them – they are still in cash.

But haven’t we seen this movie a dozen or more times before? The Russian ruble crisis of 1998, Y2K, the tech bubble, 9/11, the Gulf War, mortgage crisis, SARS, Ebola, fiscal cliff – etc. The 20-year average annual return of global markets ending in 2015, which covers all of these “end of world” events, is in the order of nine per cent. (you can look it up!) All through this time there was never certainty. Those investors who participated in the growth of equities during this time simply had to have faith the market would eventually grow. Based on historical probability, given the last 100 years of reliable data, we can expect the markets to continue with their volatility along a constantly rising trend line of let’s say around seven to nine per cent. So what is the real risk?

There are a few and I will describe them in order of importance with the most important first.

The greatest real risk is our own ability to make decisions about our spending and investments. Much has been written about behaviour finance which covers all aspects of how we make financial decisions. Humans are prone to making emotional decisions based on a small sampling of data – especially when it comes to something as important as money. Note the examples above. The only way to resolve this is knowledge and if you cannot spend enough

time gaining the knowledge, or don’t have the stomach for the volatility, get the support of a good advisor.

The second most significant risk is inflation and taxes. I grouped these because they impact our real return – the money we get to spend. Although we have experienced low inflation over the last decade, don’t underestimate the impact of even a two per cent rate of inflation and don’t assume it will stay that low. The 50-year average rate is three

per cent so we need to consider the reality of rates of inflation higher than two per cent over the next decade if we are to average to three per cent over two to three decades. A three per cent rate of inflation means our cost of living doubles over a 25-year retirement. Consider how much you spend now to cover living costs and expect it to be twice that in 25 years.

With government debt at all-time highs, we can assume taxes will play a bigger part in paying down that debt (or paying the rising interest) and tax planning a bigger role in our financial planning and security. Taxation and inflation mean we need growth in our portfolios beyond the low interest rates of fixed-income investments.

Lastly is our life span. My grandfather lived to about age 73. My mother

lived to age 91 and has remained relatively healthy other than the last year or so. Since I take very good care of myself, and live in an age of greater prosperity and access to good food and care, I can expect to live longer – 95 or later. As I’m not retiring until age 70 I will still need to plan for a 25 to 30-year retirement. With inflation and rising healthcare costs, I will need to plan for growth in my portfolio.

The only way to achieve that growth is a higher allocation to equities.

So the real risks are not Brexit, ISIL, epidemics, government debt, or the latest media crisis of the day. The real risk is our own ability to allocate enough of our portfolio to growth investments, believing they will provide the return we need.

The real risk is achieving enough growth over inflation and taxes. The real risk is outliving our money.



Richard Yasinski is a Certified Financial Planner (CFP) and an independent financial planner practising since 1996. Watch his video, www.financiallysound.ca.

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BRITISH COLUMBIA

Senior Ledcor executive resigns after judge dismisses defamation suit

Dwight Brissette, former senior vice president for Ledcor, has resigned from his position less than a week after a B.C. Supreme Court ruling found he inappropriately touched a Cactus Club server and called her an inappropriate nickname.

The Vancouver Province newspaper reports Brissette sued the popular restaurant chain's Coal Harbour location, a manager and server Katrina Coley for allegedly making malicious and defamatory statements about him in front of other people.

The defamation suit was dismissed in June. Justice Miriam Gropper said in her judgement she believed the restaurant employees' version of events over that of Brissette, whose memory of the events that June 24, 2013 evening may have been impaired by the quantity of alcohol he had consumed.

Ledcor announced Brissette's resignation on June 27.

"In response to recent events, Ledcor's senior executives and Dwight Brissette, (senior vice president of health and safety), met today to discuss Ledcor's employee code of conduct and senior executive expectations," the company said.

"As a result, Mr. Brissette has tendered his resignation, which Ledcor has accepted. Ledcor thanks Mr. Brissette for his years of service and contribution to the company."

Brissette was among a party of about 10 people, including Ledcor executives and clients, who arrived at the restaurant around 5:30 p.m. and sat at a patio table.

"Coley testified that over the course of the evening the party ordered several rounds of drinks and appetizers," The Province reported. "She said that at one point Brissette referred to her as 'Kitty Kat' and that, as she was taking the order of another patron, Brissette placed his arm on the side of her

back, slid it down the side of her dress and rested it on the side of her buttocks for about a second."

The waitress reported the incident to a supervisor, and then the party was asked by the manager to settle its tab and leave.

VCRA receives BBB Torch Award

The Vancouver Regional Construction Association (VCRA) has received the Better Business Bureau's 2016 Torch Award for Community Excellence, "presented to a business that blends financial success with a strong commitment to positive community impact," the VCRA says. The awards, held for nine years, honour B.C. businesses that show excellence in the marketplace, community, business innovation and the environment.

ALBERTA

Graphic construction warning sign removed after Calgary city councillor objects

Calgary Coun. Druh Farrell didn't like what she saw when she observed a warning outside the Burns Building construction project in Olympic Plaza.

The sign depicted a pedestrian striking a car's windshield and read: Sidewalk closed. Use other sidewalk.

Farrell said the sign and "the lack of foot access" shows disdain for pedestrians, Metro News reported.

However, Trevor Bryan, the construction manager at the site, said crews placed the sign because a pedestrian had been clipped by a car door mirror after not obeying the original sign, which read, "Sidewalk Closed." "We put our own signs up this morning," he said. "But the city said it was too graphic." (DBD Construction says on its website it is working on a \$300,000 multi-level interior office tenant improvement project on the historic building.)

The city said it ordered crews to remove the sign due to its graphic content and that it didn't fall within guidelines, according to roads spokes-

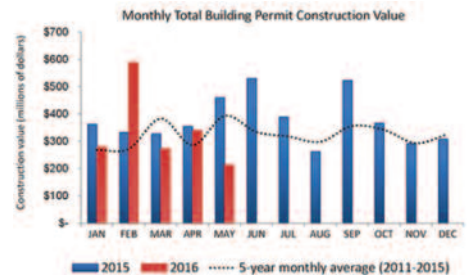
woman Brittany Kustra.

Farrell said the construction site could have better accommodated pedestrians by not closing off the entire sidewalk.

There is "no effort to accommodate pedestrians," she said.

Sean Somers, spokesman with the city's transportation department, said there was no other way to accommodate pedestrians in this case, as crews are working on the building's facade. However, he said the city has accommodated more pedestrians by significantly reducing the number of pedestrian detours.

Edmonton: Building permit decline shows scale of Alberta's economic recession



Data from the City of Edmonton shows how severely construction has contracted in Alberta's capital city.

The city reported \$213 million in total construction value for May 2016, a decline of 54 per cent from May 2015 and a 46 per cent decline from the five-year monthly average.

The year-to-date figures are less daunting, showing a total construction value of \$1,689 million, representing an eight per cent decline from 2015 but a five per cent increase on the year-to-date average.

Contractors want to get started on Ft. McMurray reconstruction

Charles Iggulden, president of the Fort McMurray Construction Association, said his group is mobilizing the 200 companies that make up its membership, which together employ about 10,000 people, in a co-ordinated effort

to get back to work, The Financial Post reports. He estimates the rebuild will take a year or two.

"We are pushing to get some of the smaller projects going, and the cleanup," he said. "The biggest thing is that as people start rebuilding their lives, they get back to work so they come back to Fort McMurray."

Iggulden said in the published report that Fort McMurray's construction industry was working at half capacity because of the downturn. But it's ready to step up immediately, and is pushing to get the work associated with the reconstruction. The association sent letters to the Alberta government seeking bridge financing to get construction going.

The Financial Post also reports that Russell Dauk, vice president, land and commercial, at the Rohit Group of Companies, said the time is right to get started because companies such as his have access to people and equipment that have not been put to work in the past 15 months.

SASKATCHEWAN

Elevator building boom continues

An elevator building boom on the Prairies shows no signs of slowing as new facilities continue to come online and existing ones are upgraded to accommodate faster unload times, more efficient rail car loading and longer grain trains, The Western Producer reports.

In central Saskatchewan, Cargill and Richardson are expanding existing facilities at Davidson.

Cargill officials were in the community in June to mark the completion of the upgrade, which included the addition of four concrete storage bins, a 120 ft. scale with 85 tonne capacity, a 50,000 bushel per hour conveyor, a 160 ft. leg and an expanded 100 car rail spot.

Richardson is also upgrading its Pioneer facility in Davidson, with additional steel storage and an expanded rail car spot.

Jeff Wildeman, Cargill's regional

manager for Saskatchewan, said the expansion will increase storage capacity by more than 10,000 tonnes to roughly 25,000.

He said nearly 25 per cent of Cargill Canada's annual investment takes place in Saskatchewan. The company has invested roughly \$300 million in the province over the past five years with major construction or expansion projects in Clavet and Davidson.

MANITOBA

Manitoba construction industry leader fears government delays, restraints causing "Perfect Storm"

A Manitoba construction leader fears government delays and restraints are directing his industry toward a "perfect storm."

An email obtained by the Winnipeg Sun, which is attributed to Manitoba Heavy Construction Association (MHCA) president Chris Lorenc, claims the city failed to tender enough construction work and uses a tendering process that is "so bureaucratic it ensures failure."

This, combined with provincial and federal cuts, threatens to spark layoffs, lead workers to leave the province and/or have companies run out of work within the next six weeks, the newspaper reports the email as saying.

"The City of Winnipeg's budget award process has been nothing short of appalling; the change in the federal government and its infrastructure budget priorities are still unclear; and we have a new provincial government which, while in the throes of reviewing the fiscal situation it is in, has cut the highway program by \$50 million – 10 per cent – and has apparently stalled further tenders pending review," the email says.

The Sun says Coun. Russ Wyatt (Transcona), who's taken out radio ads to pressure council to approve more road work, said the statement is proof council must add to its list of projects for this construction season.

"It's a great time for us to put more dollars out because the industry needs the work and we're getting better pricing," Wyatt is quoted as saying.

Wyatt says the city looks set to save at least \$8.65 million on three construction projects where bids came in lower than expected this season, which should be invested now.

ONTARIO

OCOT achieves \$7.4 million financial surplus in 2015: \$6 million allocated for 'long-term strategic initiatives'

If the Ontario College of Trades (OCOT) was a private business, shareholders would be happy with the income statement and balance sheet, based on documents in the organization's 2015 annual report released in time for its annual general meeting on June 14.

The "statement of financial position" reports that the OCOT at 2015 year end had net assets of \$28,627,456, an increase of approximately \$7.4 million from the \$19,613,440 in net assets at the end of 2014.

The OCOT says it had 232,189 members in 2015, suggesting a surplus of about \$31 per member.

A note to the financial statements says "during the year, cash in the amount of \$6,000,000 was internally restricted for purposes of long-term strategic initiatives." The note doesn't say what these initiatives will be but observes: "The reserve will be invested according to the College's investment policy." Overall the OCOT had at year end \$19,845,348 in cash – compared to \$12,809,266 at the end of 2014.

"As anticipated and in line with the budget, the College achieved an excess of revenue over expenses," OCOT spokesperson Tyler Charlebois said in a statement. "Part of the excess of revenue at year end relates to the fact that membership fees are recognized in the year to which they relate, advanced billings for next year's fees are deferred and recognized into in-

come in the following year.”

However, he indicated in a follow-up statement that the OCOT would have funds to hire additional inspectors as well as to develop training and curriculum programs.

“Since the College only opened its doors in April 2013, just a few short years ago, we continue to develop and refine operational capacity,” he said. “Given our extensive mandate which includes, regulating and promoting all 156 skilled trades, modernizing the training standards and curriculum—some of which had not been updated in 20 years, ensuring compliance of the compulsory trades, and protecting the public interest, the College is building a strong foundation to govern its members.”

“Going forward, the College is expected to move towards a more balanced budget.”

“The Ontario College of Trades is committed to openness and transparency and that is why our budgets and financial statements are posted publicly on the website,” he said.

Not surprisingly, the OCOT’s biggest expense is for salaries and benefits, which totaled \$15,044,123 in 2015 (an increase from \$14,095,023 in 2014). Significant sums were also spent on: General and administration, \$2,983,987; professional services, \$602,872; trade governance and stakeholder meetings, \$1,090,930; member communications, \$1,690,745; and amortization of capital assets, \$1,104,165.

While there have been complaints about the OCOT’s enforcement practices for the construction industry – part of which set off jurisdictional conflicts between the Labourers’ Union and representatives of skilled certified trades – the 2015 enforcement data indicates that OCOT inspectors concentrated their efforts in “motive power garages” – with 5,221 enforcement visits. However, there were 2,834 visits for ICI construction and 2,132 for residential construction, representing a total of 4,966 visits, out of a total of 11,376.

In 2016, regulatory and administrative oversight for enforcement of trade

certification and scope of work rules was transferred to the Ministry of Labour from the Ministry of Training, Colleges and Universities, but the OCOT said this would not change the day-to-day processes.

“Out of the total field visits, around 4,200 individuals were found to be unauthorized workers and 36 Part III prosecutions were made,” the OCOT said. “Nearly 1,500 calls were received from the public about potential uncertified workers under the Ontario College of Trades and Apprenticeship Act, 2009.”

Greater Toronto Area: Province announces GO line extensions/station construction plans for east, west and northern GTA communities

The provincial government has announced plans to build new stations



and extend the GO commuter rail service to communities east, west and north of Toronto, but the announcements – issued separately for each extension – are vague on the costs and the exact construction implementation schedules.

In the eastern Durham region, the government says GO Transit will extend the Lakeshore East train line by 20 km. from Oshawa to Bowmanville, with service to start in 2024 at four new stations.

The four stations will be built at Thornton Rd. and Ritson Rd. in Oshawa, Courice Rd. in Courice and Martin Rd. in Bowmanville.

Transportation minister Steven Del Duca said in a June announcement that one of the biggest components of the expansion will be the construction of a new train bridge over Highway

401 in Durham.

Meanwhile, in a separate announcement, politicians said there will be four new GO Train stations in Toronto’s west end, including St. Clair West and Liberty Village on the Kitchener line and Bloor St. and Lansdowne Ave., and Spadina Ave. and Front St. on the Barrie line.

And in a separate announcement, the government announced it would extend GO service to Grimsby by 2021 and Niagara Falls by 2023, with upgrades as well to the St. Catharines and Niagara Falls Via Rail stations.

Along with Ontario transportation minister Steven Del Duca and Ward 19 city councillor Mike Layton, Toronto mayor John Tory said the Liberty Village and St. Clair West GO stations will also run the new Smart Track electrified system once the transit plan is implemented.

“With all day, two-way service, stations here at Liberty Village and St. Clair West and Mount Dennis and Bloor (SmartTrack) will provide local service to the people of Toronto’s west end neighbourhoods,” the mayor said.

In another announcement, the provincial government said it would build three new GO Train stations along the Barrie GO Transit line as part of Metrolinx’s GO Regional Express Rail (RER) program - one each in the areas of Kirby Rd. in Vaughan, Mulock in the Town of Newmarket and Innisfil in Simcoe County.

GO Regional Express Rail is one way Ontario is providing faster, more frequent and more convenient transit service across the Greater Toronto and Hamilton Area, and includes electrifying core segments of the network by 2024.

Along the Barrie line, this service will provide travelers with access to all day, two-way, 15-minute electrified service between Aurora and Union Station, including evenings and weekends, weekday rush 30-minute service between Allandale Waterfront and Union Station and 60-minute service midday, the news release said. There will be 180 trains per day with 15-minute service.

The provincial news release says the program, which is being delivered over 10 years, will also help manage congestion, connect people to jobs and decrease greenhouse gas emissions by reducing car trips and improving travel times.

Del Duca said in third announcement that the western service extension will include a new layover facility in Niagara Falls, more passenger trains and 30 km. of new tracks. There will also be a new Confederation GO station in east-end Hamilton in 2021.

Ottawa: NCC approves renovation design for Government Conference Centre



The National Capital Commission (NCC) has approved the “new look” for the Government Conference Centre which will temporarily house the Senate once renovations are complete in two years.

The renovation and Senate move have a \$269 million budget. The Senate will move to the building in 2018, as Parliament Hill’s Center Block commences a decade-long renovation.

PCL Constructors Canada Ltd. has the construction management contract for the project, designed by ERA Architects.

“You’ll finally be able to appreciate the building in all its glory,” Thierry Montpetit, project manager with Public Services and Procurement Canada (PSPC), said in an interview reported by CBC.

“We’re going to remove, what I’m going to say (were) unfortunate alterations to the building that were done in the late seventies.”

Montpetit told CBC the goal is to fix accessibility problems and meet the current building code, while bringing

the building’s heritage features to the fore. These include the great waiting room, designed as a smaller scaled replica of New York City’s Pennsylvania Station demolished in the 1960s.

There are also functional improvements including new freight and passenger elevators, a loading dock, and rooftop areas for mechanical systems.

The major project’s major impact is on the building’s eastern side facing the Rideau River, Montpetit said. The current blank wall is that way because in the earliest days there was a hotel adjacent to what had been Ottawa’s main train station in the former Corry Block.

With the renovations, a lot of thought was given to how that east façade could turn the building into a gateway to Parliament, to join “the town and the Crown,” Montpetit said in the interview.

“I think that will be our biggest gift, to really give prominence to that intersection,” he said. “And, giving some stature back to that building, which was very prominent historically and has been a bit forgotten and lost since the 1960s and ‘70s.”

QUEBEC

Tall wood building momentum reaches Québec

The NEB consortium (consisting of Nordic Structures, EBC Construction and Synchro Immobilier) have broken ground in Québec City on the Origine project, a 13-storey building of which 12-storeys are mass timber and one is concrete. A news release says it will be the tallest wood building condo in North America.

When completed, the 92-unit condominium complex will join the ranks of the world’s tallest wood buildings and serve as a Canadian example of the research and technology that is involved in taking wood construction to new heights.

“Advances in science and building technology, supported by renowned research organizations such as FPInnovations and the National Research

Council, are resulting in innovative wood solutions, such as the Origine project, that are safe, sound, and sustainable,” Etienne Lalonde, vice president Market Development for the Canadian Wood Council (CWC) said in a news release.



“Tall wood buildings are no longer a new concept, with examples of 10 and 14-storey structures recently being constructed in Australia and Norway respectively. Ultimately, it is about creating more options for builders and architects in Canada and having the science and research in place to support the tall wood option.”

The Origine project was selected as part of an Expression of Interest (EOI) that was launched by the CWC in April 2013, for Canadian developers, institutions, organizations and design teams willing to undertake an innovative approach to designing and building high-rise demonstration projects. With funding support from Natural Resources Canada of \$1.175 million, the goal of this initiative was to link new scientific advances and research with technical expertise to showcase the application, practicality and sustainability of innovative wood based structural building solutions.

“By supporting innovation and the use of new techniques in the construction of wood based high-rise buildings, we are supporting the growth of a strong and competitive forestry industry,” said Jim Carr, Canada’s minister of natural resources. “These investments in research and development lead to cleaner, more sustainable construction practices, all while promoting the creation of employment opportunities in the forestry sector. Innovative, entrepreneurial ideas like these are integral to our fight against climate change.”

Advanced construction technologies and modern mass timber products are making building tall with wood a viable option that is gaining traction and appeal from design and construction communities who face growing pressures to reduce the carbon footprint of buildings. Wood product based construction remains a great solution to these challenges as it is a renewable building material, originating from sustainably managed forests in Canada.

Poor economy drags Quebec construction workers' vacation pay

A poor economy is dragging the construction industry down with it and is being blamed for another decline in the annual vacation pay for construction workers, says the Commission de la construction du Québec, the Montreal Gazette has reported.

The CCQ (Commission de la construction de Québec) reported that vacation pay is down three per cent compared to figures for last year, making it the third annual decline.

Approximately 147,000 vacation pay cheques have been issued for a total of approximately \$364 million. The two-week construction holiday this year runs from July 24 to Aug. 6.

NEW BRUNSWICK

Construction has started on Irving Oil Ltd.'s new 11-storey headquarters in uptown Saint John

The start came a little over a month after Saint John Council pushed through the changes to the city's Heritage Development bylaw, CBC reports.

Irving Oil president Ian Whitcomb said in a news release that the new home office project was an investment in the community and people.

"As our company continues to grow in a very competitive industry, it becomes more and more important for our people to be able to work together in a modern and collaborative work environment."



The changes came after neighbouring property owner Jim Bezanson appealed the company's plans to the province's assessment and planning appeal board in early April.

The Saint John heritage architect and contractor took issue with the building's height and its positioning, which didn't comply with the city's heritage conservation area bylaws.

Despite it being too tall and too far back from the sidewalk, the city's Heritage Development Board approved the plans for the company's headquarters.

The exemption was given, in part, because the board felt the plans fit the King's Square location where it would be built.

Following the launch of the appeal, Saint John city council fast tracked the change to the bylaw after city residents and businesses rallied to support the Irving project.

After a three-week process, council passed the changes on May 2.

The new building will bring 1,000 employees under one roof.

Toronto based B + H Architects and landscape architect Alex Novell designed the project. Irving Oil would not disclose its costs, and none of the published material outlines if the company has selected a general contractor or is building it with its own resources.

Irving executive vice president Sarah Irving said the support from the community "has meant a lot to everyone at our company."

Federal government allocates \$38 million for Base Gagetown training centre construction

Defence minister Harjit Sajjan has

announced \$38 million in federal funding to establish a training facility for dealing with improvised explosive devices, as well as other upgrades on the military base.

A National Defence press release says the bulk of the funding, up to \$36 million, will go to Dartmouth, Nova Scotia based contractor Maxim Construction to build the facilities.

Another \$2.3 million is being set aside to improve infrastructure at the base. That money will be used to repair roads throughout the base that are washed out, and to upgrade the base's airfield and its facilities.

"The major construction work that is soon to begin will create new jobs for residents, and will create growth opportunities for businesses throughout the Atlantic region," said Sajjan.

The minister said that all work should be completed by November, 2017.

NOVA SCOTIA

Class action lawyers initiate legal action about Halifax Nova Centre construction

Several downtown business owners—one of whom also happens to be running for mayor—are taking legal action over disruptions caused by the Nova Centre's construction, The Coast reports.

The Carleton, Attica and the Wooden Monkey are "negotiating proceedings" against the municipal, provincial and federal governments in an effort to recover financial losses they say were incurred from the hotel and convention centre's four years of construction.

"They were supposed to be done in September 2015," says Wooden Monkey co-owner Christine Bower. "It's really changed, the timeline, and people don't know what it takes to stay open, and pay your bills and keep your staff employed."

Halifax's Wagners law firm is representing the businesses in their notice, which also names the Halifax Convention Centre Corporation, Argyle Developments and Argyle's parent



company, Rank Inc. as defendants.

"After years of unfruitful communications with the Nova Centre stakeholders to make them aware of the negative impact, some frustrated businesses have now decided to take legal action," says a press release from Wagners.

There isn't a precise compensation amount the group is looking for, says Wagner's Erin Gillis in an email, "but it's likely in the range of hundreds of thousands of dollars per business."

Halifax Regional Municipality says its legal team had reviewed the documentation it received from Wagners Law Firm, and concluded they "do not believe a claim of injurious affection under the Expropriation Act applies to the municipality in this instance," spokesperson Tiffany Chase wrote in an email to reporters.

The email outlines the legal team's interpretation of the act, saying injurious affection only applies if "the government expropriates the land," or if "the government is undertaking the construction activity."

"Neither scenario applies in this case, therefore we see no basis for a claim of injurious affection against the municipality," Chase wrote.

However, lawyer Ray Wagner says he believes all three levels of government are responsible for making sure that the development doesn't have a negative effect on business in the downtown core because they're all investing in the project.

PRINCE EDWARD ISLAND

\$65 million Cornwall Bypass gets go-ahead

Premier Wade MacLauchlan has announced that his government has

made a formal application to the federal government's Build Canada Fund to begin the \$65 million Cornwall bypass project this summer, The Guardian reports.

The proposed new highway, coming from New Haven, would cut across the Baltic Rd. and Bannockburn Rd. to Clyde River Rd., across Cornwall Rd., rejoining the Trans-Canada Highway through a roundabout at the intersection of Warren Grove Rd. The province says the new highway will be three minutes shorter than the current route through Cornwall.

The cost will be shared 50-50 by the P.E.I. and federal governments.

The premier said the province's \$32.5 million share will come out of next year's capital budget.

"It would be (spread) over three years and it would come out of our capital budgets," MacLauchlan told The Guardian following the news conference. "We'll be bringing forward a new capital budget in the fall."

NEWFOUNDLAND AND LABRADOR

Contractor wins \$6.9 million St. John's school construction project after long debate

Magna Contracting and Management Inc. has been awarded a \$6.9 million contract to build a new Virginia Park School in St. John's.

The 40-year-old school in the city's east end has been the subject of a long debate, as parents in the area have lobbied for years for a replacement to the building.

The reconstruction faced several delays, including one which may have been caused by the fact that the site was used as a dumping ground by the American military, CBC reported.

Construction crews found an old airplane fuselage on the site.

The land has been remediated. The school has 2017 move in date.

NUNAVUT

\$10 million Cape Dorset project wins boost with \$4.5 million funding from Canada's Heritage Department

A campaign to build a new \$10 million art centre and print shop in Cape Dorset, Nunavut, has received an additional \$4.5 million funding boost from Canada's heritage department, CBC has reported.

Construction on the proposed Kenojuk Cultural Centre and Print Shop is scheduled to begin in the fall. The facility will include permanent and temporary exhibition galleries and space for Cape Dorset print artists.

The federal government had previously pledged \$2 million in funding from Infrastructure Canada. An additional \$3 million is to be privately funded.



YUKON

Feds to flow \$52.3 million in infrastructure funding

The federal government has unveiled an agreement with the Yukon government that will allow almost \$52.3 million in infrastructure money to flow to 22 projects in the Yukon this year and next.

The deal will cover \$890,000 for transit work in Whitehorse and green infrastructure work on water and wastewater systems, including a \$5.25 million water project in the village of Mayo, Canadian Press reports.

Only two of the 22 projects will have shovels in the ground this year, with the remainder beginning in 2017, said Currie Dixon, Yukon's minister of community services. The territory will spend money this year on engineering and design work, he said.

Where rails and water meet . . .

Welland thrives with industrial development and expanding housing, recreational and community opportunities



Canadian Design and Construction Report special feature

Located in the center of Niagara in southern Ontario, Welland has traditionally been known as the “place where rails and water meet,” referring to railways to the U.S. and other parts of Ontario and to the Welland Canal and River.

Mayor Frank Campion says the city has begun a dynamic renaissance which is seeing renewed interest and growth in both the residential and employment sectors.

“Our city’s competitive advantages are numerous and financially advantageous to those looking to invest and/or reside,” he says. “We are proud of our many physical, cultural, educational, historical and human assets. Our balanced approach to responsible growth and maintenance of pleasurable lifestyle make Welland the place to be in 2016 and beyond.”



Campion says GE (General Electric) Canada’s recent announcement that it is constructing a new 450,000 sq. ft. plant in Welland, creating 150 jobs, has put the city on the global investment map.

He says the city will take advantage of this growth and the availability of serviced industrial lands, combined with its Economic Gateway Zone incentive, to attract GE supply chain companies, as well as to provide partnership and expansion opportunities for local companies.

“This benefits our local economy, provides job opportunities and assists in partnerships with Niagara College for training and product development with the private sector. Spin-off opportunities from this will substantially boost our local economy.”

The city has an aggressive economic development team with cross-platform personnel, ensuring rapid and accurate information dissemination, including planning and zoning, infrastructure and engineering information, from a single contact point.

Campion says the city’s proactive building department also works with industry and developers to ensure fast turnaround on permits. “Welland has ample affordable, serviced, shovel ready industrial and residential properties available and we are leading the way in providing a pleasurable, dynamic lifestyle while successfully improving our local economy and employment.”

The city also offers the Niagara Gateway Economic Zone Incentive Program – a financial incentive based on the size of an industrial development/increase in assessed value of the property, number of employees and green initiative components. The program provides waiving of fees/development charges and an incremental tax break of up to 100 per cent on the increase in assessed value. The actual amounts are based on a scoring matrix.



He says implementation of Welland's CIP (community improvement plans and financial incentives) programs have generated \$1,152,188 in private sector investment downtown, which has successfully improved the area, providing more business opportunity and an improved community centre. "Our successful Gateway Incentives resulted in increased employment opportunities."

Welland is also within the newly federally designated Foreign Free Trade Zone. This incentive program provides trade incentives to businesses involved in international trade.

Other local projects include new Provincial Offences Act Courts and the Royal Rose Place Long Term Care Facility which is nearing completion. The city's Waterfront Development Project and the Niagara St. reconstruction/infrastructure projects are also in the works. Campion says these projects and Welland's ongoing growth have made the city a significant regional centre.

"Part of our strategic plan focus is development of the recreational canal waterfront currently still in planning," he said. "It is expected that the plan will result in a waterfront component to the downtown core among other things. The first phase of waterfront improvement was the decorative lighting of the East Main Street Bridge."

Other strategic plan components focus on sewer separation and improved hard services infrastructure. Campion says there will be less sewer infiltration, thereby reducing ratepayer costs.

Welland is also revamping its communications and public engagement processes through a new, interactive website expected to launch in the fall. "Corporate communications has been improved and a 21 X 11 ft. LED screen is being installed in our downtown civic square... creating a miniature version of Yonge/Dundas Square."

In other areas, he says the city's building division issued 27.7 per cent more new housing permits last year over the previous five-year average, in part because of four new subdivisions that either have or will be starting construction in 2016.

Also within the city is Niagara College, a premier post-secondary educational facility, which draws residents, students, as well as business. "The college's ability to design programs around business needs, their Innovation Centres and the recent addition of the Advanced Manufacturing Program are very attractive to business."

Campion says residents also enjoy vibrant recreational and leisure opportunities. "Welland's 7 km recreational waterway, which dissects the city, provides a venue for international flatwater events such as the Pan Am Games, and also enables residents to use the waterway for kayak, canoe and other water related activities. This is enhanced by our Merritt Island which provides a natural area for walking, hiking, biking, picnicking and so on."

Sports facilities include a baseball stadium and the 2,250-seat Welland Arena. The Welland Community Wellness Complex (WCWC) is a central facility providing a variety of programs for all ages, including a therapeutic pool.

Welland is also part of the Greater Niagara Circle Route, which enables visitors with cars and bicycles to experience the Welland Canal from one end of the peninsula to the other. "Our central location in the region makes travel throughout the area simple and quick so those living and working in the region can enjoy convenient access. Our proximity to international border crossings is good for travellers and businesses involved in import/export."

Campion says Welland has a variety of interesting neighbourhoods. "Diverse neighbourhoods enhanced by beautiful and functional parkland with 7 km of waterfront running though the centre of the city make Welland a unique combination of eclectic urban life."

For more information, visit <http://welland.ca>.



WELLAND/NIAGARA GATEWAY ECONOMIC ZONE & CENTRE COMMUNITY IMPROVEMENT PLAN (CIP)

The Gateway CIP provides financial incentives to property owners who revitalize, strengthen and diversify the economy in Welland by promoting private sector investment, development, redevelopment and construction activity on employment lands in the Gateway CIP Project Area which includes all employment lands (both strategic and non-strategic locations for investment) within the urban area of the City.

In partnership with the Niagara Region, three Incentive Programs are available through the Gateway CIP:

- The Tax Increment Based Grant Program (TIBG);
- The Development Charge Grant Program (currently both the Region of Niagara and the City of Welland offer a 100% exemption in Development Charges);
- City of Welland Planning Application Fee Grant Program (available in Strategic Locations for Investment)

For further details and information, please refer to the Gateway CIP, the Program Guide and the Applications at www.welland.ca/Development/CIPPlans_Incentives.asp

CONTACT INFORMATION

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60 East Main Street, Welland, ON L3B 3X4 Email: dan.degazio@welland.ca

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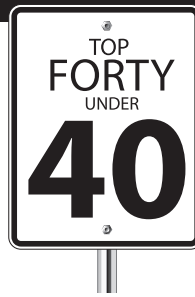
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Chris Lyons takes on leadership responsibilities as chair of Vancouver Island Construction Association's U40 group

Canadian Design and Construction Report special feature

As the construction industry's senior managers retire, there are new opportunities for younger people. Chris Lyons, a 38-year-old senior construction manager, has taken on increasingly challenging responsibilities, including association leadership as chair of the Vancouver Island Construction Association's (VICA) U40 (under 40) group.

Lyons studied engineering in university and then progressed through the roles of project co-ordinator, then project manager. Three years ago he started with Omicron, attracted by the company's development, design and construction diversity, and moved into the role of senior construction manager.

"It used to be that people worked into project management through the trades," he says. "Now though the training is available to allow people to transition sooner and with large portions of senior management retiring, there are many people my age stepping into these roles."

He says this has created challenges for both generations as older superintendents realize the old ways of working and dealing with people may no longer be appropriate. Younger generations, he says, must also adapt their thinking as well in accepting that some things won't change as quickly.

Lyons says it is important for young people in the field to learn as much as they can from the projects that challenge them the most. For him, that was Poet's Cove Resort & Spa on Pender Island. This complex island build included a hotel, marina, cottage properties and a lot of earth work. It also came at a time when work was booming on the mainland and getting people to work on an island for a week at a time, a challenge.

Today, Lyons is running the company's Eagle Creek Village project, an equally complex multi-use development combining retail, professional and medical services and residential rental and condominium units.

Taking all that he has learned and all that he is still learning, he says his next logical step will be to become a project director. "This would involve managing the design, the owner and the construction of a project using all of my experience to work the various aspects and to bring everything together."

In the meantime, Lyons is helping develop and grow VICA's U40 group. He says there had been a similar group operating out of Vancouver for a while and when the idea to start one in Victoria was introduced, he got involved. Today



the group includes a mailing list of about 150.

"We started the group primarily as a way for younger members to network, to have a voice, and to give back."

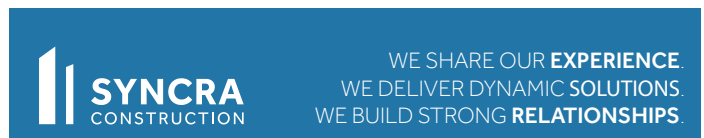
He says it can be intimidating to speak out at general events, especially when you are surrounded by others with decades of experience, including your own supervisors and employers. The U40 group, he says, provides a more comfortable environment for

socializing and for addressing the occasional concerns. "We have members who sit on the board and good ties to the board so we have an opportunity to bring those things forward."

The group holds regular get togethers, with and without speakers. There are casino fundraisers and community initiatives. As part of VICA's 100th anniversary, the group partnered with Esquimalt, who was also celebrating its 100th anniversary, to complete a \$100,000 renovation, through donated time and materials, to Gorge Waterway Nature House in Esquimalt Gorge Park.

Recently as well, the group partnered with HeroWork and sent 40 volunteers and their families on a weekend project to complete a dock renovation for Camp Pringle, a United Church kids' camp.

His advice to young people entering the field is to "come in with an open mind; find a mentor you can learn from whether they are five years ahead of you, or ten or twenty because they have experience you can learn from; and make sure you enjoy what you do."



SYNCRACONSTRUCTION.COM

North American Precast Concrete Associations enhance industry related education, marketing and regulatory support resources



Students from SAIT Polytechnic touring Lafarge's precast concrete plant in Calgary, Alberta during National Precast Day 2016.

PHOTO: CPCI.

Canadian Design and Construction Report special feature

The National Precast Concrete Association (NPCA) and the Canadian Precast/Prestressed Concrete Institute (CPCI), two of three North American groups representing the precast and prestressed concrete industry, continue their efforts to inform and educate, prepare members for new demands, and to address labour shortages.

NPCA president Ty Gable says the industry has rebounded well from the recession that began in 2008, with a strong year in 2015, a good year so far for 2016, and expectations for even greater improvement in 2017. While this is all good news, he says it also creates challenges. "As work ramps up it becomes difficult to find good people, because there is more competition for the sharp, young people looking for future careers."

Gable says the NPCA's Precast University provides an answer. Here, courses offer students a career path within the industry, beginning on the production floor and running right through to upper management. Starting with basic concrete technology, they are designed to teach students to become experts at production. In the end, graduates receive certification as a master precaster.

"We just graduated our largest class of master precasters which tells me this program is attractive as a career path," Gable said. "We have a lot of closely held, family owned companies. It is important to continue to develop the next generation so these business can continue to thrive under the direction of qualified people."

Precast University is also currently developing new leadership training programs. Together, these offerings will ensure people learn from the ground up and become proficient in all aspects of the business.

CPCI has a mission to expand the knowledge of students by disseminating ideas and information about the design, applications, manufacturing and use of precast concrete.

Ariane Sabourin, CPCI's marketing manager, says CPCI is offering an annual scholarship program for students in Civil Engineering and Civil Technology to support continuous learning and education within the industry. "We are also excited to announce a new scholarship available for Architecture and Architectural Technology Students this year."

Sabourin says CPCI and its members also host National Precast Day. CPCI's National Precast Day is an open plant tour of various precast concrete manufacturing facilities in Canada. The open houses effectively demonstrate how precast is manufactured under rigorous quality controls and shows the many sustainable benefits of building with precast concrete. In the past 17 years, National Precast Day has hosted more than 40,000 participants. "We are in discussions with PCI and NPCA to expand National Precast Day to the United States and look forward to working with our partners to grow this important event."

Gable says the NPCA also is working with members to meet the new stringent requirements for crane operators issued by the United States Department of Labor Occupational Safety & Health Administration to take effect in November 2017. "We're providing both training and conducting certification exams to ensure our members can meet the deadline."

In 2016, the North American Precast Concrete associations worked together with ASTM International and the Athena Sustainable Materials Institute to release third-party verified EPDs (Environmental Product Declarations) in three key precast concrete product categories. The EPDs provide comprehensive, uniform, and transparent details about a product's composition and environmental impact throughout its lifecycle. EPDs are now available for each of the three main categories: Architectural and insulated wall panels, structural precast concrete products, and underground precast concrete products.

Brian Hall, CPCI's managing director, says that the EPDs



NPCA training at The Precast Show 2016 in Nashville this year included a course on marketing (left), an update on OSHA crane operator certification (center) and leadership training for Master Precaster candidates (right).

will allow architects, engineers, building owners, and other specifiers to better understand the environmental impacts of precast and prestressed concrete products. "In order to educate our audiences on the benefits of EPDs, how they can be used and how they can help earn points in LEED V4, NPCA, PCI and CPCI are also offering webinars for architects, engineers and construction professionals."

Gable says helping members prepare and educate themselves also includes providing the latest available information, including white papers and other materials on topics ranging from new technologies to the latest in fiber research through the association's website because "knowledge is power."

"We're excited about the state of the economy and the improvements we see coming. We are prepared for and well equipped to help our members meet the challenges this will involve," says Gable.

NPCA and CPCI are collaborating with other industry specific associations and partnering with PCI (Precast/ Prestressed Concrete Institute) and American Concrete Pipe Association to unify messages around quality and marketing.

"CPCI, NPCA and PCI are the leading technical resources (Body of Knowledge (BOK)) for the precast concrete industry in North America. From this BOK, building codes, design guides, educational programs, certification, sustainability programs, and new research ideas are derived," says Hall.

For more information about NPCA, visit precast.org and for information about CPCI, visit: www.cpci.ca. More information about CPCI's annual scholarship program is available at <http://www.cpci.ca/en/resources/academic/>.

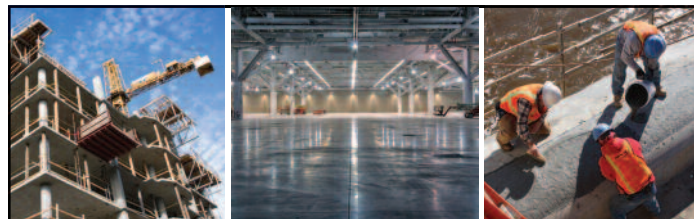


Euclid Canada Inc. provides environmentally responsible concrete related products and services including viscosity modifiers



Canadian Design and Construction Report special feature

The Euclid Chemical Company has been a supplier to the concrete and masonry industries for more than a century. Euclid Canada Inc., a division of The Euclid Chemical Company, provides the company's full range of specialty concrete related products and services to the Canadian



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marketplace, and continues to adapt its offerings and services to meet industry demands.

National business development manager Brian Salazar says the company works with its clients to provide a wide range of products and services to meet changing technologies and increasing demands of the diverse industry.

"Self-consolidating concrete is a growing demand in many markets," he says. "We use viscosity modifiers like Viscrol and Plastol 6400 to make concrete flowable and cohesive to allow it to flow into small or heavily reinforced areas to meet the demands of challenging projects."

He notes this is just one of the workability characteristics users have demanded. Euclid also works with customers to create concrete products that will set up and flow faster.

Euclid has met another growing industry demand with its unique form liners, Salazar says. These decorative concrete forms can mimic stone or brick work and use patented keystone features to break up form lines for a more natural look. They can be used on everything from bridge work to walls.

"We have other unique products including shrinkage reducing admixtures and shrinkage compensating admixtures that reduce cracking, particularly in flatwork."

He says the company is also working to respond to another industry demand – the need for Environmental Product Declarations (EPDs). "EPDs and HPDs (Health Product Declarations) for our admixtures will be another growing demand as the requirement for sustainability in projects grows. We already have a good sustainability program in place, including waste and water, and are committed to meeting this new demand."

Euclid is a member of several industry associations including the Canadian Precast Prestressed Concrete Association (CPCI), the National Ready Mixed Concrete Association (NRMCA), The American Concrete Institute (ACI) and the National Precast Concrete Association (NPCA).

For more information, visit www.euclidchemical.com.

Armtec leads in drainage and precast concrete solutions for infrastructure and building construction markets



Canadian Design and Construction Report special feature

Founded in 1908 as Canada Ingot Iron, Armtec has a long history of supplying products to the Canadian construction market. Today, through 40 locations across the country, Armtec has become one of Canada's largest suppliers of drainage and precast concrete solutions for infrastructure, building construction, natural resource and agricultural segments.

Matt Balfe, precast concrete national sales and marketing director, says the company started with a drainage focus founded as Canada Ingot Iron and then changed its name to Armco Drainage & Metal Products in 1931. "There were a series of name and organizational changes after that, including the change to Armco Drainage & Metal Products to Armtec in the late 90s, but the company remained in steel and plastic with drainage as its core business."

In 2004, Armtec became a publicly traded company through an IPO (initial public offering) and by 2007 the company began making what would be a total of nine acquisitions of precast concrete businesses stretching from B.C. to Quebec. "Precast is complimentary to drainage in many ways. Each of the companies we acquired and brought under the Armtec umbrella had different core strengths and different scopes of work and experience."

In 2015 the company returned to being a private company, now owned by Brookfield Asset Management.

Balfe says the marriage of the companies Armtec ac-

quired included the retention of key client facing staff, many of who today still remain from the legacy companies. "We're still growing, investing in equipment and talent, but many of those key people remain, or have just recently retired."

Today the company offers precast solutions in three main segments: Infrastructure (including bridges, light rail transit and marine structures); building construction (including landscape products, electrical vaults, parking garages, hollowcore and wall panels) and natural resources and energy (including trenches, utilidors and custom solutions).

"We have worked on projects ranging from parking structures to long-term care facilities to providing custom solutions for the natural resources and energy sectors. We work with owners, engineers, architects and contractors to ensure their project's needs are met."

Some of those needs include building code requirements. Balfe says precast lends itself well to the National Energy Code of Canada for Buildings for its resilience, sustainability and its inherent thermal properties. "We also work closely with our external vendors to ensure we are able to supply non-conductive ties and connectors to further improve the thermal properties of our building envelope solutions."

Precast is also durable and adaptable, meeting other specific needs, and the growing requirements for sustainability. Armtec is a member of the Precast/Prestressed Concrete Institute (PCI), the Canadian Precast/ Prestressed

Concrete Institute (CPCI) and the National Precast Concrete Association (NPCA). "We are part of CPCI's Sustainable Plant Program which assists us in monitoring every step of our operation to meet the high standards for sustainability."

Balfe says Armtec is always looking for ways to improve its carbon footprint, including seeking aggregate sources close to plants, recycling water where possible, and planning for efficient shipping methods to reduce the numbers of trucks on the road.

The company also operates with a high focus on safety. "Precast concrete manufacturing and installation comes with high safety risks which we work to control and mitigate. We want our customers to know that the precast products they use come from a safety culture as strong as what they apply to their own business."

Armtec's drainage and precast arms operate as separate business units within the company he says, but the opportunity for crossover on projects, and for collaboration, provides customers with robust package offerings tailored to provide them with the best combined solution. "We can be a one stop shop for clients on an array of products, for instance, a bridge from our precast business combined with stormwater solutions from our drainage unit and a noise barrier from our soundwall group."

He says the landscape of client demands and needs is always changing. To meet this challenge, all of the com-

pany's engineered precast facilities have dedicated project managers, engineers, estimators and installation teams to ensure each project's success.

Engineered precast is just one piece of Armtec's precast business. The company also operates standard precast and soundwall businesses. "Our Durisol and ACRYLITE noise barriers from our soundwalls group are a unique solution for absorptive, reflective, and transparent noise attenuation projects across North America."

For more information on Armtec's products and services, visit <https://www.armtec.com>.

Armtec's Precast Concrete acquisitions

- 2007 — Con-Force Structures Ltd (Richmond, BC; Calgary, AB; Winnipeg, MB)
- 2008 — Durisol Inc. (Mitchell, ON - Plant; Hamilton, ON - Office)
- 2008 — A.E. Concrete Precast Products Ltd. (Surrey, BC)
- 2008 — Brooklin Concrete Products Ltd. (Brooklin, ON; Hunstville, ON)
- 2008 — Boucher Precast Concrete Ltd. (Ottawa, ON)
- 2008 — Burnco Concrete Products Ltd. (Edmonton, AB; Calgary, AB)
- 2009 — Pre-Con Inc. (Brampton, ON; Woodstock, ON)
- 2009 — Groupe Tremca Inc. (Saint-Jean-Sur-Richelieu, QC) [since divested in 2015]



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Education Conference to provide educational and networking opportunities



Canadian Design and Construction Report special feature

The 2016 American Concrete Pumping Association (ACPA) Education Conference will take place September 18-20 at the Gaylord Opryland Resort & Convention Centre in Nashville, TN. Filled with a variety of educational and networking opportunities, this year's biannual event is being held in connection with the National Ready Mixed Concrete Association (NRMCA)'s annual ConcreteWorks event.

ACPA executive director Christi Collins says the ACPA specific components of the conference will be tailored directly to the needs of concrete pumpers and their businesses. Topics will include major issues impacting the industry such as workforce development (how to find and retain staff), fleet management and achieving operational efficiencies. "We also have a program called Driving Sales with a Purpose which will look at proactive planning for growing a business and strategies for success."



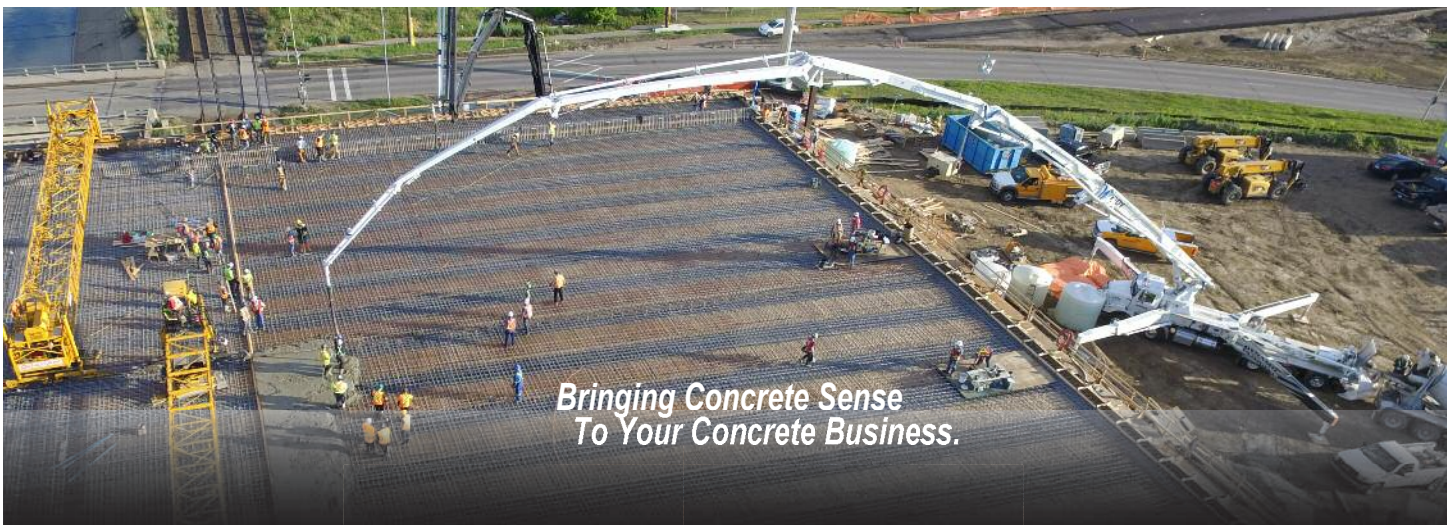


One of the event's key feature sessions is called The Perfect Pour. Here, Collins says, Mike Schneider, chief people officer and senior vice-president with Baker Concrete Construction, Inc. will address the interaction of concrete, ready mix and pumpers and how the three can coordinate efforts to be safer, more productive, and more profitable.

Another feature component will include a financial benchmark survey looking at debt loads, expenses and

staffing. "We actually started this in 2012 when the industry began digging out of the recession. The intent is to help owners really take a look at how their businesses are operating now to ensure they are more secure and profitable for the future."

Collins says one of the biggest challenges members face is struggling to fully understand federal hours of service requirements. Another session is planned to help



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members understand how to navigate this complex program and to demonstrate that it is easier to comply than many believe.

"We'll also have a general compliance session and another on contractual risk and several roundtables that will be of interest to many of our members."

While the concrete pumping specific programs will clearly be of interest, Collins says holding this event in conjunction with NRMCA will provide distinct networking advantages and opportunities. There will also be some crossover in sessions on common topics of interest.

"Our kickoff speaker is a political analyst so he'll be of interest to us all. Our members will also hear from NRMCA about the inroads the wood industry has been making, what NRMCA is doing to address this challenge and how we can help."

Collins says safety is also a huge focus for members of both associations and the opportunity to partner with providers, to get one on one information from equipment manufacturers who will be on hand, is invaluable to everyone involved.

APCA has members representing Canada and Mexico and Collins says both issues and educational topics will be of interest to members, wherever they work.

For more information, visit <http://www.concretepumpers.com/content/2016-acpa-education-conference>.

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DY Concrete Pumps Inc.**Korean Concrete Pump manufacturer changing the industry by providing high quality concrete pumps in North America**

Established in 1992, DY Concrete Pumps has earned a reputation for quality and competitive pricing with its Korean manufactured pumps. The company's presence has grown to include Cairo, Georgia and Calgary.

Upon reviewing the company's website, refined manufacturing is behind the quality of DY products. Built on a rolling assembly line that streamlines efficiency, the result is described as a "consistent, quality product that doesn't change with each production" simplifying fleet management. Common parts that are interchangeable between models also reduces the number of parts end-users will stock to maintain a fleet.

President Joe Delehay says the company's "extremely efficient manufacturing quality control process provides longer lasting equipment" for its clients.

"Our equipment offers a lower cost of ownership through great value for our clients but allows them to generate the same revenues as equipment from higher priced competitors."

DY, he says, also offers superior service and technical support.

DY has strategically located two facilities, one located in Southern Georgia and the other in Calgary, Alberta. "Each facility is mounting pumps but more importantly, both facilities stock large inventories of spare parts to ensure prompt (overnight if necessary) deliveries throughout North America."

Delehay says: "Throughout my 35 years of end user experience, I was continually disappointed with late deliveries and lack of parts support from this industry, and by using my experience, my team has a better understanding of what expectations are after purchasing a DY pump. We utilize our experience to provide unsurpassed customer satisfaction."

Offering products that are suitable for everything from



large commercial, institution and infrastructure to residential home builders, DY offers three distinct product component advantages that other manufacturers do not, including a continuous swing (360 degree) boom pedestal.

DY also offers light weight fuel efficient models such as the 57 meter which is the lightest on the market (91,000lbs) and which allows the pump to be mounted on a five axle chassis where others require six-axle. This instantly saves the customer money.

"Our 57 meter is also a six-section boom. This allows the pump contractor to reach elevator core formwork two-storeys higher than a five-section boom, providing customers with more revenue opportunities."

Delehay says DY will also be coming out with a 38 meter five-section boom and a 40-meter boom mounted on a three-axle truck in 2017. DY will once again be displaying and showcased all of its models at the 2017 World of Concrete tradeshow in Las Vegas next February.

DY is a member of the CPMA (Concrete Pump Manufacturers Association), complying with manufacturers' safety standards, set above industry standards, and dedicated to the safe manufacturing and operation of concrete pumps in North America.

DY is also a supporting member of the "American Concrete Pump Association." The ACPA is an association dedicated to serving members in the concrete pumping industry with the objectives to promote concrete pumping and to educate the concrete pumping industry on safe concrete pumping procedures.

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



Renamed Passive House Canada/Maison Passive Canada leads the way in education, advocacy and events to achieve higher performance building standards

Canadian Design and Construction Report special feature

Reflecting its new presence and mandate as Canada's national non-profit professional association for advocating for Passive House (Passivhaus) high performance building standard, the former Canadian Passive House Institute West has been rebranded as Passive House Canada/ Maison Passive Canada.

President Rob Bernhardt says the name change, which had been under discussion for some time, received approval at the organization's annual general meeting in June. "Our new name reflects the desire for a national organization and an opportunity to bring together practitioners from across the country."

Passive House Canada will maintain its focus on education, advocacy and nationwide events intended to "facilitate awareness and adoption of the Passive House standard throughout Canada's design and construction industry."

There are courses for construction professionals, policy makers and homeowners, combined with information and online resources about how to effectively and affordably design and build for comfort and efficiency through Passive House standards.

The organization also advises and partners with various levels of government considering adapting higher performance building standards to building codes for new and refurbished buildings.

The cities of Vancouver, New Westminster and North Vancouver are leading the way in adopting higher standard building codes. "There are a number of provincial government initiatives and a number of municipal initiatives intended to offer the opportunity for codes to reach Passive House levels of efficiency."



He says, for instance, a stretch code, currently being discussed at the committee level, would enable municipalities to opt into higher levels of required efficiency, including up to Passive House level.

"Across the country there are suites of policies being considered as part of an overall climate change leadership program that include both incentives and education. Around the globe there is recognition that we need to improve building efficiency to meet climate change goals and that there must be fairly ambitious timelines set in place."

Ontario, for instance, recently announced funding to move ahead its climate change goals. While the specific plan has not yet been set and is already being hotly debated, Bernhardt says the government's statement of intent indicates its policy directions.

The federal government too has expressed a greater focus and commitment to the subject as well. "While a lot of this movement may have started in B.C., the interest from across the country and from a variety of sectors is growing."



The ambitious Passive House goals need to be achieved responsibly. Bernhardt says there is a high level awareness that the market transformation requires a mind shift incorporating education, component development, consumer awareness and incentives.

Though achieving Passive House is not as difficult as many assume, he says there still must be that 'aha moment' when people take the time to look at Passive House closely enough and recognize how relatively easy it is to improve buildings.



Alta Lake Passive House



"What is most interesting is the Passive House is not a standard promoted by government or a big organization with a marketing budget. It is rather a movement that has been driven by consumer demand, by building owners."

He says in B.C. non-profit housing has seen an uptake of Passive House while globally the concept has been implemented in schools, hospitals, offices and retail buildings, among others.

Within the next year the number of visible Passive House projects will grow exponentially, Bernhardt says. "In Victoria alone there are currently seven Passive House projects either in design or under construction. In the previous two years there had been one built in each of those years. There are another 40 buildings completed, in design or under construction in the province."

Passive House Canada is an affiliate of the International Passive House Association and a member of the North American Passive House Network. The organization works in collaboration with other green building associations and organizations to "transform the built environment, to create more comfortable and healthier buildings, while contributing to a sustainable future."

For more information, visit www.passivehousecanada.com.

PASSIVEHOUSE CANADA

Build better.
Feel better.

We are Canada's national non-profit professional association advocating for the Passive House high performance building standard.

We believe smart design can transform the built environment, create more comfortable, healthier buildings, and contribute to a sustainable future.

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Zehnder America leads in North American HRV and ERV systems

Canadian Design and Construction Report staff writer

Zehnder America is North America's leader in high-efficiency heat recovery ventilators (HRV) and energy recovery ventilators (ERV). The company offers HRVs, ERVs, and air distribution systems, which provide a constant supply of pre-tempered fresh filtered air in buildings.

Technical sales engineer Matt Groves says Zehnder offers the highest efficiency systems available in the North American market. All of the company's units have been both HVI (Home Ventilating Institute) and Passive House certified.

The company's website says the heat recovery ventilation device recovers up to 90 per cent of the energy of the extract air to warm incoming fresh air, saving on heating costs. Air flow rates can be adjusted for each room to provide optimal comfort levels and customization.



ComfoAir70

Groves says Zehnder's units provide a healthier and more comfortable environment and can be equipped with an upgraded filter for those with higher allergen sensitivities.

The whole house heat recovery ventilation system has a dual function: extracting moist, stale air from wet rooms such as kitchens and bathrooms and supplying fresh, filtered air to living spaces.

Zehnder's full line of HRVs and ERVs have been installed in many multi-family, single family, small commercial and school buildings. Groves says the company just released a new, much smaller unit which is a great solution for smaller spaces that require an individual controlled unit.

"The new, CA70 fits on an exterior wall and uses a single penetration," Groves said.

Offering greater flexibility, Groves say it's a cost-effective unit for smaller spaces such as studio or one-bedroom apartments. Its ability to allow individual control also makes it an option for multi-family projects with individual room controls. While it doesn't require it, the unit can be ducted to a bathroom to provide a complete ventilation solution for the space.

Zehnder's technical team will help with designing the ventilation system to ensure optimal indoor air quality and comfortable living. He says as part of its service, Zehnder works with clients to determine which unit is most efficient and cost-effective and provides a free basic ventilation design to facilitate the project. "We work closely with architects, builders, and developers in the planning process."

Zehnder then provides installers with training tools including online videos and workshops, which are offered across North America.

"Finally, we commission or quality assure (QA) all systems. This final step is critical in ensuring that our systems have been installed and commissioned as designed, and assures the building owner that the system will meet its designed specifications."

"Zehnder America has established multiple dealers to provide timely delivery and support for our systems across Canada." Groves said. Western Canada is supported by Small Planet Supply in Vancouver while Pinwheel Building Supply, south of Toronto, provides systems to Eastern Canada. Both dealers are fully stocked with systems for quick delivery.

Groves says all of this is backed up by a significant warehousing facility in Buffalo, and technical sales engineers across North America.

Zehnder America is a division of the Zehnder Group, which specializes in advanced heating, cooling, and ventilation solutions. The Zehnder Group has been in business since 1895.

For more information, visit zehnderamerica.com.

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360 Crane Services and Maintenance expands service and scope with common sense human business focus

Canadian Design and Construction Report special feature

Now in its tenth year in business, Surrey, B.C. based 360 Crane Services and Maintenance offers a wide range of services including truck rentals, recycling, towing, snowplowing and construction services. The company recently made headlines when it reached out with an offer of employment to two homeless men.

Various news agencies reported that two men had been offered work and given one-way bus tickets to B.C. after one was denied funding to continue staying at a shelter in North Battleford, SK. CBC had quoted 360 Crane's owner Jason Stennes at the time as saying: "I'm one of those guys that if I'm at a red light and there's somebody begging for change and he's 20 years old, I offer him a job. I give people a chance. It's just what I do."

While one of the men was not able to remain at work in the field due to health issues, the other used the offer as a stepping stone to get back on his feet, becoming one of the almost 80 people The 360 Group employs, before moving on to new employment.

Dan Norman, 360 Crane's vice president and general manager, says just as Stennes (also known as Stretch) applies a common sense approach to life and dealing with people, he also applies that same common sense to business. He says he had a dream to expand where viable demand existed and has grown the company, division by division, according to that. "The recycling divisions are the future for our planet and are growing steadily each and every year. Location, demand and ease of use has driven 360 Recycling and 360 Bumpers and Plastics on a steadily increasing profit margin."

He says the company's trucking division was a perfect compliment to its light/medium weight material hauling and vehicle towing. The company is able to use its own trucks for a majority of its interdivisional hauling and towing. 360 Crane Truck Rental and 360 Towing, he says, is ready at a moment's notice.

The company's snow removal division was purchased as a complete turnkey operation to meet the needs of small shops, strip malls, and parking lots. "Two plow trucks with large capacity salting hoppers handle the large areas while a team of two quads with blades handle the areas where the big trucks can't get to. Driven to keep businesses open and the public safe is 360 Snow Plow Service's main goal."

Norman says 360 Cranes and Maintenance has supplied manpower for tower crane set up and demobilization for eight years. "Coming from rigging and operating tower cranes in the Vancouver area for 17 years, Stretch found a demand to supply operators and riggers for the construction industry, not only in B.C., but also into Alberta."

He says skilled personnel are hand picked by Stretch himself, to get the job done in one of the industry's most skill-oriented jobs.



"We work hand in hand with Worksafe BC to keep our crane division on the leading edge of safety and reliability to give the client peace of mind that things will run smoothly in crane operations."

While this is the tenth year for the company overall, it is also the first anniversary of the company's 360 Construction division. "Even though The 360 Group has supplied carpenters for three years to other large companies in the Lower Mainland, we have now been our own construction company for one year."

Norman says 360 Construction has grown to be a contender in the concrete forming industry. During its first year the company constructed a 14-storey tower and a 244,000 sq. ft. parkade. "At present we are completing a project that was abandoned by another form work company and started a small four level commercial/office project near Granville Island."

He says more work is on the horizon, for this and all of The 360 Group's divisions, as the market is booming in the Vancouver area. For more information, visit <http://360craneservices.com>.



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Northwest Territories and Nunavut Construction Association (NNCA) serves, promotes and represents 150 industry members

NWT Data Centre



Canadian Design and Construction Report special feature

Established in 1976 as the NWT Construction Association, as a voluntary member association committed to serve, promote and represent the local construction industry, in 2012 the association was renamed the Northwest Territories and Nunavut Construction Association (NNCA).

Today the NNCA's 150 members include general contractors, trade contractors, manufacturers and suppliers, road builders and heavy construction contractors, logistics and transportation businesses, and allied professionals. Other members include associations, government departments and agencies working in the north.

NNCA president Dave Brothers says the association adopted a new constitution and new bylaws at its 2015 AGM, noting, "The constitution expanded and refined the association's objectives to reflect contemporary and anticipated opportunities and challenges, including the changes and growth of the northern construction industry."

Listed in the new constitution is the intent to "promote suitable and desirable legislation affecting the construction industry and to provide government with a liaison for any contemplated legislation, regulation or policy, by municipi-

Continued on page 44



QBDC pursues economic Nunavut communities' economic development opportunities

Canadian Design and Construction Report special feature

Formed as a wholly owned subsidiary of Qikiqtaaluk Corporation in April 2016, the Qikiqtaaluk Business Development Corporation (QBDC) pursues economic development and infrastructure initiatives within the 13 communities of Nunavut's Qikiqtani region. QBDC seeks to "improve community capacity and self-reliance by creating opportunities that enhance local Inuit business and individual career development prospects while addressing the essential infrastructure and local economic deficit through partnership, innovation and investment."

The 13 communities include Nunavut's capital, Iqaluit, and the 12 municipalities of Arctic Bay, Cape Dorset, Clyde River, Grise Fiord, Hall Beach, Igloolik, Kimmirut, Pangnirtung, Pond Inlet, Qikiqtarjuaq, Resolute and Sanikiluaq.

Sheldon Nimchuk, QBDC's director of project development and partnerships, says the organization builds on the capacity developed within Qikiqtaaluk Corporation over the years to assist the region's communities through traditional and alternate economic and infrastructure delivery models. QBDC will focus on promoting partnerships with government at various levels, while aligning private investment opportunities with each of the 13 communities towards implementing their unique economic and social infrastructure development plans.

The organization's business plan states: "The long-term objective of QBDC would be to provide the appropriate resources and corporate knowledge available within Qikiqtaaluk Corp. and its group of companies as a catalyst to advancing a new economic model of self-reliance through effective partnership between our Qikiqtani communities and Inuit organizations along with the territorial and federal governments."

These efforts, Nimchuk says, will focus on economic sectors including but not limited to transportation, telecommunications, energy, resource and in-shore fisheries development, along with social infrastructure to create alternative delivery opportunities in recognition that advancing future initiatives may utilize new technologies



and renewables as a means to align stakeholders' interests and business sustainability.

QBDC will complement its resources to enhance skills development and employment opportunities, especially in business development and project management.

The business plan notes: "One of the key objectives of QBDC in pursuing partnership opportunities will be to demonstrate dedicated commitments to training and career development for Inuit. Efforts to identify and pursue the incorporation of funding programs to maximize employment and career development promotion in synergy with future economic development and essential infrastructure initiatives throughout our region."

Nimchuk says while the organization has begun advancing some early initiatives, many specific strategies and plans have not yet been fully established. Imminent plans to develop an adaptable five-year strategic plan "will help focus our effort and be positioned to collaborate further with our communities."

QBDC is a division of Qikiqtaaluk Corporation which is wholly owned by the Qikiqtani Inuit Association.



CHBA recognizes achievement in sustainable design, green building and more traditional categories

Canadian Design and Construction Report special feature

The growing interest in sustainable design and green building has resulted in new opportunities to recognize and celebrate innovators and projects making headlines.

Several of these achievements were recognized at the twenty-fourth annual Canadian Home Builders' Association of British Columbia (CHBA BC)'s Georgie Awards and at CHBA's 73rd annual national conference in Kelowna.

"As submissions become more spectacular, the competition intensifies: multi-million-dollar estates, soaring towers, timbered vacation homes, dramatic landscaping," CHBA BC said in a statement. "Among this year's highlights: an architecturally stunning Italian palazzo overlooking a two-acre trout lake and an 8,500 sq. ft. pond, multiple fountains recirculating rainwater, on the site of a former gravel pit. Travelling through time to another galaxy, a Stargate sculpture, part of a spaceship on the show, with working gears and lights, has become the centrepiece of an extraordinary wine display."

Award eligibility is limited to companies or association companies who are members of the association. Projects had to be completed between January 2014 and September 2015.

The call for entries for the 2017 Georgies – for projects completed between January 1, 2015 and September 30, 2016 will open in July.

The sold out event, which drew more than 600 members and guests, took place in March at the Hyatt Regency Hotel in Vancouver.

HERE IS THE COMPLETE LIST OF GEORGIE WINNERS:

Best Single Family Detached Home up to 2,000 sq. ft. under \$500,000 - Production: New Dawn Developments Ltd. - Novak Residence

Best Single Family Detached Home over 2,000 sq. ft. under \$750,000 - Production: Fernie Home Builders Inc. - Snow Creek Cabins

Best Single Family Detached Home over 2,000 sq. ft. over \$750,000 - Production: Symphony Homes Limited - Elenora Residences

Custom Home valued under \$750,000: Alair Homes - Chateau Wolff Estate Associate Companies: Mazzei Electric, Slegg Building Materials, Mayco Mix Ltd.

Custom Home valued between \$750,000 - \$1,500,000: Naikoon Contracting Ltd. - The Winton House

Custom Home valued between \$1,500,000 - \$3,000,000: Homestar Building Corp. - North Langley Family Home

Custom Home valued over \$3,000,000: Kindred Construction - Kadenwood

Best Townhouse Development: My House Design/Build Team Ltd. - Family Heritage

Best Multi-Family Low Rise Development: Forge Properties - Royce

Best Multi-Family Mid/High Rise Development: Kindred Construction - South Creek Landing

Best Multi-Family Kitchen: Thind Properties Ltd. - Skyway Kitchen

Best Single Family Kitchen under \$100,000: RDC Fine Homes Inc. - Fairway Associate Company: Top 40 Woodworks

Best Single Family Kitchen over \$100,000: Pars Construction - Villa Sogno Associate Companies: inArtifex Design Ltd., AcuTruss Industries, The Kitchen Studio

Best Residential Renovation under \$100,000: Vertical Grain Projects - West End Nest Condo

Best Residential Renovation \$100,000 - \$299,999: Ronse Massey Developments Inc. - Casa Verde

Best Residential Renovation \$300,000 - \$499,999: Keith Dahlen Construction Ltd. - The Cadden Residence

Best Residential Renovation \$500,000 - \$799,999: Naikoon Contracting Ltd. - Amazing Grace

Best Residential Renovation \$800,000 and Over: RodRozen Designs - Hari Residence Associate Companies: Colonial Countertops, Fontile Kitchen & Bath

Best Kitchen Renovation under \$100,000: Tavan Developments - Riverside Escape

Best Kitchen Renovation over \$100,000: My House Design/Build Team Ltd. - Hillside Splendor

Best Condo Renovation: Best Builders Ltd. - In the Sky Associate Companies: Monarch Floor and Window Coverings, Dick's Lumber

Best Interior Design Display Suite Single Family Production or Multi-Family: Forge Properties - Royce - H Plan

Best Any Room New or Renovation: My House Design/Build Team Ltd. - Hillside Splendor

Best Interior Design Custom Residence - New or Renovation: Carol Faan Interiors Ltd. - Shaughnessy Manor, Associate Company: Copa Development Corp.

Best Master Suite New or Renovation: Pars Construction - Villa Sogno, Associate Companies: inArtifex Design Ltd., AcuTruss

Industries, The Kitchen Studio

Best Innovative Feature - New or Renovation: KBC Developments (Kliewer Bros. Construction Ltd.)- Galadriel

Best Landscape Single Family New or Renovation: Jaheny Custom Builders Ltd. - Tuscan Reflections

Best Landscape Multi-Family - New or Renovation: Denford Construction Management Ltd. - Retirement Community in Campbell River

Best Outdoor Living Space Multi-Family - New or Renovation: Solterra Development Corp. - Keefer Block

Best Outdoor Living Space Custom - New or Renovation: Jaheny Custom Builders Ltd. - Tuscan Reflections

Best Project Identity: Milori Homes - Walter's Place, Associate Company: Metrics Project Marketing

Best Advertising Campaign: Milori Homes - Walter's Place, Associate Company: Metrics Project Marketing

Best Sales Centre: Zenterra Developments - Hyde Park Phase 1

Best Corporate Website: Portrait Homes Ltd. - Portrait Homes

Best Environmental Initiative: Naikoon Contracting Ltd. - The Winton House

Best Certified Home - Production: RDC Fine Homes Inc. - Crumpit Woods

Best Certified Home - Custom: Naikoon Contracting Ltd. - The Winton House

Best Certified Whole House Renovation: My House Design/Build Team Ltd. - Hillside Splendor

Best Public-Private Partnership: Kindred Construction - The Kitsilano Neighbourhood House

Grand Georgie Awards Customer Satisfaction - Multi-Family: Concert Properties

Grand Georgie Awards Customer Satisfaction - Single-Family: Portrait Homes Ltd.

Grand Georgie Awards Customer Satisfaction - Renovator: Shirmar Construction

Grand Georgie Awards Marketing Campaign of the Year: Concert Real Estate Corporation - The Creek

Grand Georgie Awards Residential Community of the Year: Forge Properties - Royce

Grand Georgie Awards Custom Home Builder of the Year: Naikoon Contracting Ltd.

Grand Georgie Awards Residential Renovator of the Year: My House Design/Build Team Ltd.

Grand Georgie Awards Single Family Production Home Builder of the Year: Portrait Homes Ltd.

Grand Georgie Awards Multi-Family Home Builder of the Year: Zenterra Developments

LIST OF WINNERS IN THE CHBA NATIONAL AWARDS:

Design Excellence Award: Albi Homes, Calgary, AB

Marketing Excellence Award: Albi Homes, Calgary, AB

Community Development Award: Georgian International Development Corp, Barrie, ON: "Braestone in the Horseshoe Valley"

New Home Awards: Production Homes

One-Storey Bungalow: Gordon Tobey Developments Ltd., Brighton, ON: "The Hawthorn"

Detached Under 1,500 Sq. Ft.: Corvinnelli Homes Ltd., Russell, ON: "The Sapphire on Central Park"

Detached From 1,500 to 2,000 Sq. Ft.: Fernie Home Builders Inc., Fernie, BC: "Snow Creek Cabin"

Detached From 2,001 to 3,000 Sq. Ft.: RDC Fine Homes Inc., Whistler, BC: "Crumpit Woods"

Detached From 3,001 to 4,000 Sq. Ft.: Vicky's Homes, Edmonton, AB: "Vittorio"

Detached Over 4,000 Sq. Ft.: Marble Construction Ltd., Vancouver, BC: "Leovista"

Attached Under 1,500 Sq. Ft.: Hayer Builders Group, Surrey, BC: "Exchange"

Attached 1,500 Sq. Ft. and Over: Albi Homes, Calgary, AB: "Vistas of Tuscany"

Custom Homes

Detached Under 2,500 Sq. Ft.: Naikoon Contracting Ltd., North Vancouver, BC: "Midori Uchi"

Detached From 2,500 to 3,500 Sq. Ft.: Brad-Mar Homes, Calgary, AB: "Hawks Landing Residence"

Detached Over 3,500 Sq. Ft.: Jeffrey Robinson Construction Incorporated, Burlington, ON: "Ravines of Gloucester"

Multi-Family Homes

Mid-to High-Rise Projects: Forge Properties Inc., White Rock, BC: "Royce"

Apartment Style/Condominium Units Under 1,000 Sq. Ft.: Branthaven Homes 2000 Inc., Burlington, ON: "Lake House"

Apartment Style/Condominium Units 1,000 Sq. Ft. and Over: Queenscorp Group of Companies, Toronto, ON: "Watermark"

Home Renovation Awards:

Kitchen - Under \$65,000: Coleman-Dias³ Construction Inc., St Thomas, ON: "1940's Colonial Revival - Kitchen Renovation"

Kitchen - \$65,000 and Over: Pioneer Craftsmen Ltd., Kitchener, ON: "Comfort Kitchen"

Any Room: My House Design/Build Team, Surrey, BC: "Hillside Splendor"

Whole House - Under \$250,000: Amsted Design-Build, Stittsville, ON: "First in Class"

Whole House - \$250,000 to \$500,000: Lacey Developments Ltd., Deroche, BC: "Farmhouse Reimagined"

Whole House Over \$500,000: Alair Homes, Edmonton, AB: "Chrenek Acres"

Marketing Awards:

Project Signage & Logo: Fusion Homes, Guelph, ON: "The Metalworks 1"

Concept, Creative and Production: Blackjet Inc.

Brochure/Kit: New Horizon Development Group, Hamilton, ON: "Bridgewater Residences on the Lake" *Concept, Creative and Production: McQuat Partnership*

Website: Trickle Creek Custom Homes Inc., Calgary, AB: "tricklecreekhomes.ca", *Concept, Creative and Production: Chatterson Drive Inc.*

Direct Promotion: Electronic Ideal Developments, Markham, ON: "Pinnacle on 14th Avenue"

Direct Promotion: Print: Sterling Homes (Edmonton) Ltd., Edmonton, AB: "Addition/Re-Addition", *Concept, Creative and Production: Leyteblair*

Print Ad: Sterling Homes (Edmonton) Ltd., Edmonton, AB: "Failure to Launch", *Concept, Creative and Production: Leyteblair*

Sales Office - Low-Rise: Georgian International Development Corp, Barrie, ON: "Braestone in the Horseshoe Valley", *Concept, Creative and Production: McQuat Partnership*

Sales Office - Mid- to High-Rise: Spallacci Group, Hamilton, ON: "Residences of Royal Connaught"

Design/Décor Centre: Albi Homes, Calgary, AB: "The Galleria at ALBI"

Interior Decorating: Vicky's Homes, Edmonton, AB: "Vittorio"

B.C. based Lacey Developments Ltd. wins CHBA national award for whole home renovation

Canadian Design and Construction Report special feature

Homebuilder Lacey Developments Ltd. has been recognized for its Farmhouse Reimagined project in the Canadian Home Builders' Association (CHBA) National Awards for Housing Excellence in the category of Best Whole House Renovation 2016 - \$250,000 - \$500,000.

Now in its seventeenth year in business, president Erik Lacey started the company based on his experience in civil construction and local construction projects. While he began by buying properties and renovating them to resell, the company has since shifted its focus to high end residential. "At the heart of this we are a family run business. My wife Lesa is our business manager."

Lacey says the Deroche, B.C. based company would not be where it is today without the amazing work of the company's team, suppliers and trades, many of whom have been with Lacey Developments for more than 10 years.

He says Lacey Developments is proud to promote women in the trades and in fact, more than 25 per cent of the company's staff of 20 are women. "We have an amazing crew that will help our clients with every aspect of work and we have our own construction equipment and can do all the work start to finish with this same qualified crew."

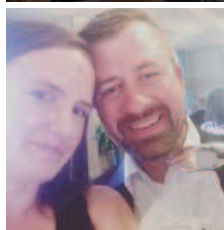
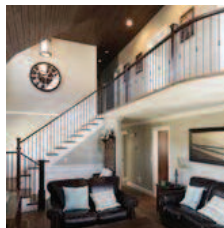
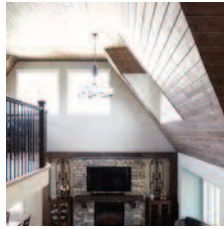
Building between six and nine homes a year, the company works primarily in the eastern Fraser Valley. Lacey says however, he has also completed projects from Whistler to Boston Bar, including several off the grid cabins and homes.

Understanding the stress building a home can place on clients, Lacey says his staff is focused on providing personal customer service that exceeds expectations. "We work with our clients daily, often meeting on evenings and weekends to make the process as seamless as possible."

The company is also focused on providing a high quality end product that often features locally sourced materials including finished timbers. "Our homes are built and renovated with love and a positive attitude that comes from every member of the crew. We make our clients' vision come to life, helping them refine their ideas or bringing to life magazine clippings they've been dreaming over for years."

He says clients can access their selections, inspection reports, plans, quotes, change orders and contracts from the company's online construction management platform. Since the majority of clients live out of town, he says this is a key factor in keeping regular communication with clients and trades.

The award winning Farmhouse Reimagined project was a 1950s farmhouse bungalow on a working dairy farm that was transformed into a two-storey dream home. "Working closely with the family to minimize disruption to the farm's operation, we removed the roof and added upper bedrooms and living space while retaining the garage and a recently renovated kitchen."



As with any Lacey Development project, he says the home features some gorgeous touches including tongue and groove ceiling, locally sourced timbers, hardwood floors and a uniquely customized laundry room.

"We are extremely proud to have won this award. Previously we have been a finalist nationally and provincially in a similar category and this win means a lot to our team and to our client."

Lacey says the company is very active with CHBA locally and now provincially. "We love seeing the amazing work our peers do across the country. Being on hand at the awards event and walking the red carpet together to get the award was a really special moment."

He says the company is currently working on four other custom homes including a lakefront home in Lake Errock that also features some amazing custom touches and details and that the client is referring to as 'new rustic.' "We are also in talks with a client in rural Mission to work with their well known architect to build a beautiful new modern custom home and we work with local First Nations on renovations and new work and are very proud of our long term relationships there."

Lacey Developments is a member of the CHBA Fraser Valley chapter, and is active with the HPO Builder Qualifications Committee. For more information, visit <http://www.laceydevelopments.com>.

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Winner
home renovation - 2016

Fraser Valley Builder of Choice

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Mid Island Cabinets' project awards nominations recognize builders' partnerships and concept to completion service

Canadian Design and Construction Report special feature

Vancouver Island's Mid Island Cabinets recently had three of its projects nominated in the Canadian Home Builders' Association of BC's annual Georgie Awards. The company's work was recognized when builder Windley Contractors won for its Songbird Place project in Nanaimo.

Mid Island Cabinets is a family owned business with locations in Parksville (manufacturing and showroom) and Nanaimo (showroom). Owner Kathy Hatcher says her parents began the business in 1992. While her father is still involved, she and her brother have taken on more active roles in running the company.

She says to see her builders recognized through these awards gives the company a great sense of pride. "It is due to the efforts of every person on our staff that we have been able to grow, be part of projects like this, and to help our builders succeed."

Mid Island fabricates a wide variety of custom cabinetry ranging from built-ins to wall beds and bars. "Unlike some other custom cabinet builders, we do all of our own work in-house from crafting the pieces right through to finishing."

Hatcher says this not only allows the company to control its own timelines and to ensure quality for the end-user; it also ensures local people are employed.

All of the company's wood comes from Canadian sources as well, and much of it from B.C., which ensures Canadians on a larger scale are engaged.

For the Georgie Award projects, Mid Island worked with builders, looking at plans and suggesting ideas. "Though some builders we have worked with before will just contact us and ask us to proceed with the selection of materials and styles, others, and homeowners, will come into one of our showrooms to look around, feel and touch samples and hear about the options we can provide."

Homeowners in particular she says, often require detailed information and sometimes education in what will work and what won't and what design or material would be best for the project they are considering.

Hatcher says her skilled team of designers and installers handle the work from the first measure, to the installation. This way, she says measurements are guaranteed, other workers are not pulled away from their work to do the install, and her team can ensure the units are put into place properly and efficiently.

Later this year Mid Island Cabinets will be relocating its Parksville showroom and factory to a new 30,000 sq. ft. facility just minutes from its current location. Hatcher says the move will allow the company to streamline its efforts and to serve a larger area.

For more information about Mid Island Cabinets, visit <http://www.midislandcabinets.com>.



Quality Custom Cabinetry & Millwork

Parksville Showroom 250.954.1789
Nanaimo Showroom 250.585.2118
www.midislandcabinets.com

Canadian Urethane Foam Contractors Association (CUFCA) develops training, certification and field quality assurance services



Canadian Design and Construction Report special feature

The Canadian Urethane Foam Contractors Association (CUFCA) is a not for profit corporation that has been providing training, certification, and field quality assurance services to the SPF (spray foam insulation) market in Canada for 32 years. The association is a long time Construction Specifications Canada (CSC) associate member and this year was a sponsor of the CSC Conference in Halifax.

CUFCA represents more than 350 member contractors employing more than 700 certified installers. The association's main focus is to ensure its contractors and their installers are operating in compliance with the applicable installation standards in Canada and that their customers receive a defect free spray foam installation.

CUFCA participates with many groups and associations, executive director Andrew Cole says. "We are involved with CEEA (Canadian Energy Efficiency Alliance) for instance. This is a dynamic group of companies that work to educate governments at all levels on where to look to invest or create awareness on best return programs for energy conservation."

Cole says the association has also supported the CSC trade directory and will continue to support CSC regionally and nationally. He says participation in industry events in the globalized era is critical in leveraging relationships in broader communities, rather than operating in isolation.

"It is critical that specification writers have access to unbiased information and specifications," he said. "Too often manufacturers use specifications as a weapon against their competition and as such we end up with specifications that may have contradictory requirements and may actually not comply with standards. Errors of omission do happen and again we are a resource to correct these situations."

He says CUFCA also works with all provincial building official associations and participates in their annual general meetings and educational sessions to increase knowledge of SPF for their inspectors.

Cole says the association operates a consumer complaint resolution process for any end users of members' products. "If there is any concern that a job is defective, we will be involved in the inspection and remediation process. CUFCA also has an independent warranty program at no cost to our contractors."

He says, as is the case with many trades, the greatest challenge is ensuring staff are well trained. It is a struggle, he says, for contractors to invest in developing their employees. Once trained, many will take their newfound skills and seek higher pay elsewhere.

"There is little loyalty these days and yes, we know this is a two-way street, but the fallout is that many contractors simply cannot afford to continue to fund training programs for their staff only to have them leave."

CUFCA offers skills training specific to the industry and is currently working to develop innovative lower cost delivery systems.

CUFCA is an ISO-17024 accredited certification organization for installers. The certification process includes a written exam component to validate a candidate's knowledge and a practicum spray out evaluation to confirm skills and abilities. "CUFCA started to offer an optional training program in response to, what we felt, was a clear lack of training being offered by manufacturers of spray foam systems."



Since 1926, Graco Inc. has been a leading provider of premium pumps and spray equipment for fluid handling in the construction, manufacturing, processing and maintenance industries. Headquartered in Minneapolis, Minnesota, Graco works closely with distributors around the world to offer innovative products that set the quality standard for spray finishing, paint circulation, lubrication, sealant and adhesives dispensing, process application, and contractor power equipment. These best-in-class products are manufactured in the U.S. and China and supplied through our distribution centers in Minnesota, Belgium, Japan, Korea, China and Australia.

What sets us apart from our competitors is our history, a focus on highly-engineered, quality products, industry-leading innovation and the solid partnerships we form with customers and suppliers around the world.



Phone: 800-328-0211
www.graco.com/Reactor

The association operates a fully equipped training centre in Mississauga, with both 2lb closed cell and .5 lb open cell SPF products. "It is still a challenge to take a student who may have had no prior experience and teach them to become proficient in only four days. Our training program used to be two weeks and was quite expensive but due to manufacturers with other QAP programs wishing to offer half day courses we were forced to change our program."

This is one of the reasons members are encouraged to implement an apprenticeship style training program within their own workplaces.

Cole says the industry as a whole suffers when its members do not take field quality assurance seriously. The increasing failures, he says, will ultimately negatively impact the larger market. "Thankfully CUFCA members are committed to the ideals of a higher quality spray foam industry."

Other issues facing members include the influx of new and inexperienced installers that have entered the marketplace. "Spray foam is growing from a niche business to becoming more mainstream. This rapid growth does result in some difficulty for the industry to keep up with demand."

He says an increase in competition and the variety of skills needed and available is also a challenge. "The construction industry, with its "low-bid" system of contractor and sub-contractor selection really is problematic," Cole said. "How can good quality flow from a system that is set up to pay the least for any trade?"

He says the quality control issue is so great that it has spawned an entire industry of third party inspection providers working for architects to ensure that systems installed meet the codes.

CUFCA also provides these services to its members and their clients. As an impartial third party to both the manufacturer and the contractor, he says CUFCA will ensure that the SPF work installed meets the standards and codes. "We have very good templates for specification writers that can be taken from our website in order to ensure they have a sound starting point when contracting for spray foam."

Cole says CUFCA also works to build the spray foam industry as a whole, offering impartial education to building officials, architects and other design professionals to provide a greater knowledge of the various spray foam products and their applicable standards and installation process. "Products all have strengths and weaknesses and there is a great deal of confusion in the market that needs to be clarified."

He says a good relationship with building departments across Canada ensures CUFCA can answer questions or concerns quickly and correctly with no commercial interest resulting from working for any one manufacturer. "We are passionate about the products and see tremendous potential in achieving energy saving targets and carbon reduction targets when installing such a superior air sealing and thermal insulating product."

He says the association is always working on ways to continue to build a stronger community within the SPF market in Canada and has made progress.

The association also continues to make progress in supporting its members.

Continued on page 51

Genyk Polyurethanes:

An emerging force in the Canadian spray foam market

Canadian Design and Construction Report special feature

Genyk Polyurethanes is making its mark on the Canadian spray foam market. Established in 2012, Genyk started in flexible polyurethanes and two years ago introduced its Canadian Construction Materials Centre (CCMC) approved medium density spray foam. Today, Genyk has a complete product line ranging from light density spray foams to higher density roofing materials.

The premier product in the Genyk line is Boreal Lavender, a CCMC approved, ecologically responsible medium density foam.

Mark Furoy, president of Furoy's Insulation, a 20-year veteran of the spray foam industry, endorses Genyk as a contractor friendly product. "My sprayers love the ease of application, my customers love the pleasant aroma during the spray process, and I love the yield."

Genyk's "sprayability" is no accident. The driving force behind Genyk is Yves Rondeau, a chemist and 25-year veteran of the spray polyurethane foam industry. Together, Rondeau and his lab partner David Lievin have 40 years of experience with polyurethanes.

In the field, Genyk is represented by Mike Richmond from Ontario, a building science specialist with 35 years of experience in the spray polyurethane industry.

Genyk's rise in the spray foam community has been rapid. The company's short history has been marked by product consistency and material innovation.

In the immediate future, Genyk will be announcing its new Type Two, medium density 'Nature.' On the horizon – watch for Genyk's new HFO-blown medium density foam.

"If the company's performance is repeated, the spray foam industry will be well served by these new products," says Richmond.

For more information about Genyk, visit www.genyk.com.

Continued from page 50

CUFCA recently released a new daily worksheet online web form system. "A requirement of SPF installers in Canada is to complete a daily work record. This is a requirement of the standard for 2lb closed cell SPF and will also be a requirement for the .5 lb open cell SPF standard that is due to be published next month."

The interactive form can be accessed from any web enabled device. To achieve this, CUFCA leveraged its own installers' database with external resources such as the national weather bureau in order to populate required data automatically where possible. "It has become a real timesaver for our members and the feedback has been overwhelmingly positive. We will continue to investigate and leverage technology where we can."

"Spray foam is a wonderful product that can greatly increase energy efficiency in the construction market. As a site manufactured product it requires handling by trained and experienced installers. Certification of installers is a key component to ensuring you get quality workmanship at all times."

For more information about CUFCA, visit www.cufca.ca.



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Genyk is introducing its **BOREAL LAVENDER**, medium density, close cells spray foam insulation system for the Canadian market.



Graco leads in spray foam innovations and contractor service

Canadian Design and Construction Report special feature

From its beginnings as a small family owned business in 1926, Graco Inc. has grown to be a premier manufacturer of fluid-handling equipment and systems. The company's innovations in spray foam equipment and tools over the past few years have been developed with the mindset of "let's make it hard for contractors to spray bad foam."



While the company's roots began with grease and cars, by the end of World War II, the company recognized its systems could benefit a wider range of applications. By the mid-1950s, the company had moved into paint spraying and finishing, food handling, cleaning, and literally hundreds of different applications areas.

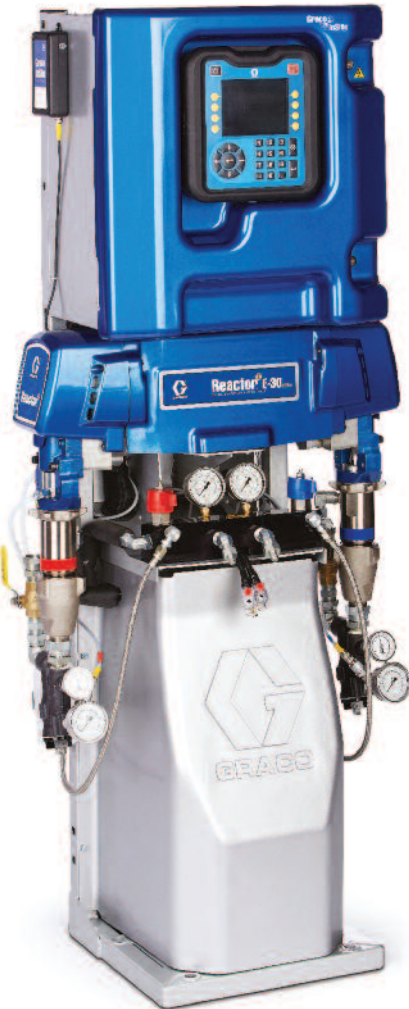
By 1969, sales had reached \$33 million and the company moved from a family owned company to a public company, changing its name from Gray Company to Graco. Today the company employs more than 3,600 people in more than 30 locations around the world.

Sara McKeon, Graco marketing manager, says the company's basic mission of service to people through profitable growth is evident in its innovation and focus on making people's work easier and more effective. "Our Reactor 2 was strategically designed to help a contractor's businesses run smoothly. Software and hardware updates were made for better spray performance, ultimately saving a contractor's bottom line."

She says Reactor 2 includes a variety of advantages, including a compact footprint to allow for more room in a spray rig, ergonomic design for ease of service, and QR (quick response) codes for quick and easy troubleshooting while on a job site.

"Graco InSite is an accessory that can be added to most Reactor models, and comes standard in Reactor 2 elite models, that gives contractors control of their business. InSite gives contractors – of all sizes – peace of mind a job was completed to the specifications with data reports and documentation at their fingertips."

InSite, she says, also allows for better fleet and crew management, as well as better cost containment and forecasting.



McKeon says Graco's advantages go beyond the equipment itself. "We have more than 100 distributor locations across North America that are fully trained in the equipment and can offer service, support and repair parts at any time."

Understanding that the needs of the industry are not only focused on efficiency, but also safety and proper training, she says Graco works closely with organizations and associations in developing training material for the industry.

She says Graco is an advocate for contractors receiving the proper training and tools to apply spray foam correctly and safely. "Graco also conducts hands on training for its strong distributor network, ensuring they are properly trained to help service and support equipment that is in the field."

Online training modules are also available on the web through Graco University. "Many material manufactures/blenders also recommend Graco equipment because Graco offers consistency and reliability they can depend on."

For more information about Graco, visit <http://www.graco.com>.



What are the
Best Practices
for Successful
Project Delivery
& Construction
Close-out?

What are the
Leading Trends
of Building
Envelope Design
& Construction?

How will Updates in
Construction Law,
Building Codes and
Other Regulations
Impact You?



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Dodge upcoming project reports

In co-operation with Dodge Analytics, the Canadian Design and Construction Report provides information on upcoming projects in the region. New project reports and information on projects in the planning stages are updated daily for McGraw-Hill Construction Dodge subscribers. Data copyright 2016 Dodge Analytics. Reprinted with permission.

Dodge Analytics 613-727-4900 ext 4902 or 4953.
E-mail: mcgraw-hill@merx.com Web: www.construction.com

Alberta

Culvert Replacements CON0017717
4920 - 51 Street
RED DEER, AB CAN
AB(DIVISION 08
201600542889 v1
Action stage: Bidding
Bid date: 06/14/2016 @ 11:30 PM MDT
Valuation: B (100K to <200K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 06/01/2016
Owner type: State
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 05/26/2016
Publisher: Dodge Data & Analytics
Type of Work: Additions, Alterations
Status: Bids to Owner June 14 at 11:30 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 05/26/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Alberta Transportation
Donald Saunders
(Bridge Manager
4920 51 Street RED DEER
AB
T4N 6K8
Phone:403-340-5579
E-mail: donald.saunders@gov.ab.ca,
http://www.transportation.alberta.ca/
Email ID : donald.saunders@gov.ab.ca Internet Addr : http://www.transportation.alberta.ca/
Owner (Public): Alberta Transportation
Donald Saunders
(Bridge Manager
4920 51 Street RED DEER
AB
T4N 6K8
Phone:403-340-5579
E-mail: donald.saunders@gov.ab.ca,
http://www.transportation.alberta.ca/
Email ID : donald.saunders@gov.ab.ca Internet Addr : http://www.transportation.alberta.ca/
Notes: DEWB24
Plans available from: Owner (Public)
Additional features: Culvert Replacements and Other Work

2016 Sidewalk Replacement
TENDPW901601
Caribou Street, Lynx Street - Bow Avenue
BANFF, AB T1L 1 CAN
AB(DIVISION 15
201600556787 v1
Action stage: Bidding
Bid date: 06/14/2016 @ 02:00 PM MDT
Valuation: D (300K to <400K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Local Government
Project Overview
Project type: Sidewalk/Parking Lot.

Report type: Project
Sub project count: 0
First publish date: 06/10/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner June 14 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Town of Banff
Reception
110 Bear Street P.O. Box 1260 BANFF
AB
T1L 1A1
Phone:403-762-1200 Fax:403-762-1260
http://www.banff.ca
Owner (Public): Town of Banff
Reception
110 Bear Street P.O. Box 1260 BANFF
AB
T1L 1A1
Phone:403-762-1200 Fax:403-762-1260
http://www.banff.ca
Notes: DEWB59
Plans available from: Owner (Public)
Additional features: 2016 Sidewalk Replacement Program

2016 Wabasca Opportunity Daycare Parking Lot Upgrade 042016
WABASCA, AB CAN
AB(DIVISION 17
201600555514 v2
Action stage: Bidding
Bid date: 06/14/2016 @ 11:01 AM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2016
Owner type: Local Government
Project Overview
Project type: Sidewalk/Parking Lot. Site Development.
Report type: Project
Sub project count: 0
First publish date: 06/09/2016
Prior publish date: 06/09/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Engineer June 14 at 11:01 AM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Engineer
Consultant: Alberta Purchasing Connection
P.O. Box 1333 EDMONTON
AB
T5J 2N2
Phone:780-644-5726
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca
Engineer: Milestone Engineering Services Ltd
Kevin Pothier EIT
(Engineer
2195 Mistassiniy Rd WABASCA
AB
T0G 2K0

Phone:780-260-0419 Fax:780-891-9101
E-mail: kpothier@mesl.ca,
http://www.mesl.ca/
Email ID : kpothier@mesl.ca Internet Addr : http://www.mesl.ca/
Owner (Public): Municipal District of Opportunity No. 17
General Inquiries
2077 Mistassiniy Rd N PO Box 60
WABASCA
AB
T0G 2K0
Phone:780-891-3778 Fax:780-891-3772
E-mail: general_inquiries@mdopportunity.ab.ca
Notes: DEWB40 The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: Subgrade Excavation And Repair Of Soft Yielding Areas Subgrade Preparation Woven Geotextile Tensar Geogrid Supply Haul Placement And Compaction Of Granular Base Course Supply Haul Placement And Compaction Of Asphalt Concrete Pavement Concrete Curb - Gutter Concrete Curb - Reverse Gutter Concrete Barrier Curb Concrete Sidewalk Concrete Sidewalk Ramps Concrete Swale Supply And Install Light Standards Application Of Parking Stall Lines Crosswalk Lines Handicap Symbols And Stop Bar Saw Cut - Removal Of Concrete Curb And Sidewalk Supply - Install Signs Placement Of Topsoil And Seeding Line Painting And Painted Pavement Messages Install Temporary Fencing

RFP/DB: Mobile Skateparks Repair (Design Build) 161622
CALGARY, AB CAN
AB(DIVISION 06
201600555665 v1
Action stage: Bidding, Pre-Design
Bid date: 06/14/2016 @ 04:00 PM MDT
Valuation: F (500K to <750K)
First issue bid stage IND: Y.
Project delivery system: Design/Build
Owner type: Local Government
Project Overview
Project type: Park/Playground.
Report type: Project
Sub project count: 0
First publish date: 06/09/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Owner requests Proposals from Design Build Firms by June 14 at 4:00 PM (MDT)
Status project delivery system: Design/Build
Publish date: 06/09/2016
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://ven-

dor.purchasingconnection.ca
Owner (Public): City of Calgary (Manchester Yards)
Thomas Griffith
(Senior Buyer
677 - 25 Ave. SE CALGARY
AB
T2G 4K8
Phone:403-268-4327 Fax:403-268-5523
E-mail: Thomas.Griffith@calgary.ca,
http://www.calgary.ca/
Notes: DEWB82
Plans available from: Owner (Public)
Additional features: Design, Build and Repair of Mobile Skateparks

ITEM: Asphalt Shingles Replacement
HARSD32
various building
SUFFIELD, AB CAN
AB(DIVISION 01
201600546067 v1
Action stage: Bidding
Bid date: 06/14/2016 @ 02:00 PM MDT
Valuation: \$94,000
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Military
Project Overview
Project type: Military Facility.
Report type: ITEM Only
Sub project count: 0
First publish date: 05/31/2016
Publisher: Dodge Data & Analytics
Type of Item: NEW TRADE.
Item Code: Asphalt Shingle Work. Roofing-All Types.
Item Category: ROOFING. ROOFING.
Status: Bids to Owner's agent June 14 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 05/31/2016
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)
Consultant: MERX
Customer Support
(Consultant
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: Defense Construction Canada
Randy Archer
(Tender Contact
Building 363, CFB Suffield PO Box 120,
RALSTON
AB
T0J 2N0
Phone:403-544-4683 Fax:403-544-3428
E-mail: randy.archer@dcc-cdc.gc.ca
Owner (Public): Defense Construction Canada
Randy Archer
(Tender Contact
Building 363, CFB Suffield PO Box 120,

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



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Dodge Analytics 613-727-4900 ext 4902 or 4953.

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

RALSTON

AB
TOJ 2N0
Phone:403-544-4683 Fax:403-544-3428
E-mail: randy.archer@dcc-cdc.gc.ca
Owner's Agent (Public): Medicine Hat Construction Association
914-16 Street S.W. Medicine Hat
AB
T1A 8A4
Phone:403-329-0971 Fax:403-526-0520
Notes: DEWB82 DEFENCE CONSTRUCTION CANADA (DCC) ? HARSD32 - 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 (403) 544-4562
Plans available from: Owner (Public)
Items: The work includes, but is not necessarily limited to, the supply of labour, material, supervision and equipment necessary to replace asphalt shingle roofing on various residential buildings at CFB Suffield, Alberta (Village of Ralston)

Atlantic

Thunderbird Road Repairs
GW68323363026
Thunderbird Road
GREENWOOD, NS B0P 1 CAN
NS(KINGS)
201600560118 v1
Action stage: Bidding
Bid date: 06/30/2016 @ 02:00 PM ADT
Valuation: \$810,000
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Military
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 06/14/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner June 30 at 2:00 PM (ADT)
Status project delivery system: Design-Bid-Build
Publish date: 06/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Defence Construction Canada
Reginald Stevens
14 Wing Greenwood GREENWOOD
NS
BOP 1N0
Phone:902-765-1494 Ext:5704 Fax:902-765-1764
E-mail: reginald.stevens@dcc-cdc.gc.ca, http://www.airforce.forces.gc.ca/14wing/sit e/index
Email ID : reginald.stevens@dcc-cdc.gc.ca

Internet Addr :
http://www.airforce.forces.gc.ca/14wing/sit e/index
Owner (Public): Defence Construction Canada
Reginald Stevens
14 Wing Greenwood GREENWOOD
NS
BOP 1N0
Phone:902-765-1494 Ext:5704 Fax:902-765-1764
E-mail: reginald.stevens@dcc-cdc.gc.ca, http://www.airforce.forces.gc.ca/14wing/sit e/index
Email ID : reginald.stevens@dcc-cdc.gc.ca
Internet Addr :
http://www.airforce.forces.gc.ca/14wing/sit e/index
Notes: DEWB59 DEFENCE CONSTRUCTION CANADA (DCC) ? #GW683233 - 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: Owner (Public)
Additional features: Repairs to Thunderbird Road - 14 Wing Greenwood

LCC Warehouse - Parking Lot Extension
371616
CHARLOTTETOWN, PE CAN
PE(QUEENS)
201600557458 v1
Action stage: Bidding
Bid date: 06/30/2016 @ 02:00 PM ADT
Valuation: D (300K to <400K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 07/01/2016
Owner type: Local Government
Project Overview
Project type: Paving, Sidewalk/Parking Lot.
Report type: Project
Sub project count: 0
First publish date: 06/10/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner June 30 at 2:00 PM (ADT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: P E I Dept of Transportation & Works
Mary Ann Mackay
Box 2000 - 11 Kent Street 3rd floor Jones Building CHARLOTTETOWN
PE
C1A 7N8
Phone:902-368-5100 Fax:902-368-5395
E-mail: mgmackay@gov.pe.ca Company Name : P E I Dept of Transportation & Works Email ID : mgmackay@gov.pe.ca
Owner (Public): P E I Dept of Transporta-

tion & Works
Mary Ann Mackay
Box 2000 - 11 Kent Street 3rd floor Jones Building CHARLOTTETOWN
PE
C1A 7N8
Phone:902-368-5100 Fax:902-368-5395
E-mail: mgmackay@gov.pe.ca Company Name : P E I Dept of Transportation & Works Email ID : mgmackay@gov.pe.ca
Notes: DEWB06
Plans available from: Owner (Public) - US\$ 100 deposit.
Additional features: LCC Warehouse - Parking Lot Extension
ITEM: Window Replace (John Bernard Croak VC Memorial School) 20160604
10 2 Street
GLACE BAY, NS CAN
NS(CAPE BRETON)
201600557367 v1
Action stage: Bidding
Bid date: 06/29/2016 @ 02:00 PM ADT
Valuation: C (200K to <300K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 07/01/2016
Owner type: State
Project Overview
Project type: Middle/Senior High School.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/10/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Windows-Undsgntd.
Item Category: WINDOWS/SKYLIGHT.
Status: Bids to Owner June 29 at 2:00 PM (ADT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Cape Breton-Victoria Regional School Board
Kevin Moules
(Purchasing Agent)
999 Gabarus Highway PRIME BROOK
NS
B1L 1E5
E-mail: dbman@staff.ednet.ns.ca, http://www.cbv.ns.ca/Personnel/siteContact.php
Company Name : Cape Breton-Victoria Regional School Board Internet Addr : http://www.cbv.ns.ca/Personnel/siteContact.php
Owner (Public): Cape Breton-Victoria Regional School Board
Kevin Moules
(Purchasing Agent)
999 Gabarus Highway PRIME BROOK
NS
B1L 1E5
E-mail: dbman@staff.ednet.ns.ca, http://www.cbv.ns.ca/Personnel/siteContact.php
Company Name : Cape Breton-Victoria Regional School Board Internet Addr : http://www.cbv.ns.ca/Personnel/siteCon-

tact.php
Notes: DEWB40 Site meeting June 16 at 11:00 AM (ADT) at Tompkins Memorial School, then proceeding to John Bernard Croak VC Memorial School
Plans available from: Owner (Public)
Items: Window Replacement, John Bernard Croak VC Memorial School

Bathurst Drainage Yard Repair Upgrade
NB041016C106
Bathurst Drainage
FREDERICTON, NB EB3 6 CAN
NB(YORK)
201600560160 v1
Action stage: Bidding
Bid date: 06/29/2016 @ 03:00 PM ADT
Valuation: D (300K to <400K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Local Government
Project Overview
Project type: Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 06/14/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner June 29 at 3:00 PM (ADT)
Status project delivery system: Design-Bid-Build
Publish date: 06/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: NB Power
Pat Garagan
515 King Street FREDERICTON
NB
EB3 6G3
Phone:506-458-3125
E-mail: customerservices@nbpower.com, http://www.nbpower.com
Company Name : NB Power Internet Addr : http://www.nbpower.com
Owner (Public): NB Power
Pat Garagan
515 King Street FREDERICTON
NB
EB3 6G3
Phone:506-458-3125
E-mail: customerservices@nbpower.com, http://www.nbpower.com
Company Name : NB Power Internet Addr : http://www.nbpower.com
Notes: DEWB59
Plans available from: Owner (Public)
Additional features: Bathurst drainage and yard repair/upgrade

Drainage Guardrail Manhole - Catch Basin Improvements 60149626
Cape Breton County
HALIFAX, NS CAN
NS(HALIFAX)
201600560452 v1
Action stage: Bidding
Bid date: 06/29/2016 @ 02:00 PM ADT
Valuation: F (500K to <750K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build

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



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

Target start date: 07/01/2016
 Owner type: State
 Project Overview
 Project type: Paving, Highway Signs/Guardrails, Storm Sewer.
 Report type: Project
 Sub project count: 0
 First publish date: 06/15/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Bids to Owner June 29 at 2:00 PM (ADT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/15/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Nova Scotia Public Tenders Office
 Roger Mitchelmore
 1660 Hollis Street Ste 502 - Centennial Building HALIFAX NS
 B3J 1V7
 Phone:902-860-5601 Fax:902-424-0622
 E-mail: ptenders@novascotia.ca
 Owner (Public): Nova Scotia Public Tenders Office
 Roger Mitchelmore
 1660 Hollis Street Ste 502 - Centennial Building HALIFAX NS
 B3J 1V7
 Phone:902-860-5601 Fax:902-424-0622
 E-mail: ptenders@novascotia.ca
 Notes: DEWB40
 Plans available from: Owner (Public)
 Additional features: Drainage, guardrail, manhole and catch basin repair, asphalt concrete patching repaving (EPS) for three projects in Cape Breton County

British Columbia

Capital Pavement Program NWIT1611
 NEW WESTMINSTER, BC CAN
 BC(GREATER VANCOUVER
 201600553623 v2
 Action stage: Bidding
 Bid date: 06/16/2016 @ 03:00 PM PDT
 Valuation: D (300K to <400K)
 Project delivery system: Design-Bid-Build
 Target start date: 07/01/2016
 Owner type: Local Government
 Project Overview
 Project type: Paving.
 Report type: Project
 Sub project count: 0
 First publish date: 06/07/2016
 Prior publish date: 06/07/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Bids to Owner June 16 at 3:00 PM (PDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/14/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: City of New Westminster Heather Rossi

(Intermediate Buyer
 511 Royal Avenue NEW WESTMINSTER BC
 V3L 1H9
 Phone:604-515-3781 Fax:604-521-3895
 E-mail: hrossi@newwestcity.ca,
 http://www.newwestcity.ca
 Owner (Public): City of New Westminster Heather Rossi
 (Intermediate Buyer
 511 Royal Avenue NEW WESTMINSTER BC
 V3L 1H9
 Phone:604-515-3781 Fax:604-521-3895
 E-mail: hrossi@newwestcity.ca,
 http://www.newwestcity.ca
 Notes: DEWB82
 Plans available from: Owner (Public)
 Additional features: 2016 Capital Pavement Program Paving - Hot Mix Asphalt Paving - Milling & Patching Roads - Construction

Liard Street Storm Renewal
 Liard Street
 FORT NELSON, BC V0C 1 CAN
 BC(FORT NELSON-LIARD
 201600555516 v2
 Action stage: Bidding
 Bid date: 06/16/2016 @ 02:00 PM PDT
 Valuation: D (300K to <400K)
 Project delivery system: Design-Bid-Build
 Target start date: 08/01/2016
 Owner type: Local Government
 Project Overview
 Project type: Paving, Storm Sewer.
 Report type: Project
 Sub project count: 0
 First publish date: 06/09/2016
 Prior publish date: 06/09/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Bids to Owner June 16 at 2:00 PM (PDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/14/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Civil Engineer: Allnorth Consultants Limited
 Gary Fetterley
 Suite 301 - 1777 - 3rd Ave Prince George BC
 V2L — 3G7
 Phone:250-614-7291 Fax:250-562-1133
 E-mail: gfetterley@allnorth.com,
 http://www.allnorth.com
 Company Name : Allnorth Consultants Limited
 Email ID : gfetterley@allnorth.com
 Internet Addr : http://www.allnorth.com
 Owner (Public): Town of Fort Nelson - Northern Rockies RM
 (D
 5319 - 50 Ave FORT NELSON BC
 V0C 1R0
 Phone:250-774-2541 Fax:250-774-6794
 E-mail: justask@northernrockies.org,
 http://www.northernrockies.ca/
 Notes: DEWB43
 Plans available from: Civil Engineer

Additional features: The Northern Rockies Regional Municipality invites submissions for the installation of approximately 180m of 900/1050 mm storm and associated concrete and asphalt restoration

Coquitlam River Bridge 02696 Joint - Seismic Renewal 12663MJ0001
 Hwy 7B Coquitlam River Bridge
 COQUITLAM, BC CAN
 BC(GREATER VANCOUVER
 201600543523 v2
 Action stage: Bidding
 Bid date: 06/16/2016 @ 02:00 PM PDT
 Valuation: F (500K to <750K)
 Project delivery system: Design-Bid-Build
 Target start date: 07/01/2016
 Owner type: State
 Project Overview
 Project type: Flood Control. Bridge.
 Report type: Project
 Sub project count: 0
 First publish date: 05/26/2016
 Prior publish date: 05/26/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Additions, Alterations
 Status: Bids to Owner June 16 at 2:00 PM (PDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/14/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Ministry of Transportation and Infrastructure
 Chad Siemens
 310 - 1500 Woolridge Street (South Coast Regional Office) COQUITLAM BC
 V3K 0B8
 Phone:604-527-2221 Fax:604-527-2265
 E-mail: Chad.Siemens@gov.bc.ca,
 http://www.th.gov.bc.ca/contacts-regions.htm
 Email ID : Chad.Siemens@gov.bc.ca
 Internet Addr : http://www.th.gov.bc.ca/contacts-regions.htm
 Owner (Public): Ministry of Transportation and Infrastructure
 Chad Siemens
 310 - 1500 Woolridge Street (South Coast Regional Office) COQUITLAM BC
 V3K 0B8
 Phone:604-527-2221 Fax:604-527-2265
 E-mail: Chad.Siemens@gov.bc.ca,
 http://www.th.gov.bc.ca/contacts-regions.htm
 Email ID : Chad.Siemens@gov.bc.ca
 Internet Addr : http://www.th.gov.bc.ca/contacts-regions.htm
 Notes: DEWB73 - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this Project please call - 1-88-836-6623
 Plans available from: Owner (Public) - US\$ 11 deposit. Document Cost Non-Refundable
 Additional features: Coquitlam River Bridge 02696 Joint and Seismic Renewal .
 Construct the replacement of all five transverse deck joints on Coquitlam River

Bridge, while maintaining traffic flow on Hwy 7B Mary Hill Bypass.

ITEM: Roofing Replacements 7709
 3 School
 GIBSONS, BC CAN
 BC(SUNSHINE COAST
 201600548601 v3
 Action stage: Bidding
 Bid date: 06/16/2016 @ 02:00 PM PDT
 Valuation: F (500K to <750K)
 Project delivery system: Design-Bid-Build
 Owner type: State
 Project Overview
 Project type: Middle/Senior High School.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 06/02/2016
 Prior publish date: 06/10/2016
 Publisher: Dodge Data & Analytics
 Type of Item: ALTERATION.
 Item Code: Roofing-All Types.
 Item Category: ROOFING.
 Status: Bids to Owner June 16 at 2:00 PM (PDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/10/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Roof Tech 2000 Consultants Ltd.
 Reception
 8867 Glover Rd. Fort Langley BC
 V1M 2S1
 Phone:604-888-7663 Fax:604-882-7663
 E-mail: rooftech2000@telus.net,
 http://www.rooftech2000.com
 Owner (Public): Sunshine Coast School District No. 46
 Rob Collison
 (Mgr Facilities
 494 South Fletcher Road Gibsons BC
 V0N 2V4
 Phone:604-886-9870 Fax:604-886-9850
 E-mail: rcollison@sd46.bc.ca
 Email ID : rcollison@sd46.bc.ca
 Notes: CRCN03 - Mandatory Site Tour June 7 at 11:15 AM (PDT) Commencing from Pender Harbour Elementary - 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)
 Items: School District 46 (Sunshine Coast) is inviting qualified contractors to tender the re-roof(s) of specific roof areas at Pender Harbour Elementary / Secondary School and Elphinstone Secondary School and

North Peace Leisure Pool Upper Wall Renovations 7695
 9505 100 Street
 FORT ST JOHN, BC V1J 3X5 CAN
 BC(PEACE RIVER
 201600543067 v4
 Action stage: GC Bidding
 Bid date: 06/16/2016 @ 02:00 PM PDT
 Valuation: E (400k to <500K)

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



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

Project delivery system: Design-Bid-Build
 Target start date: 07/01/2016
 Target complete date: 11/01/2016
 Owner type: Local Government
 Project Overview
 Project type: Swimming Pool.
 Report type: Project
 Sub project count: 0
 First publish date: 05/26/2016
 Prior publish date: 06/01/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: GC Bids to Owner June 16 at 2:00 PM (PDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/14/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Architect: Morrison Hershfield Limited
 Al Martin, RRO
 4321 Still Creek Drive Suite 310 BURN-
 ABY
 BC
 V5C 6S7
 Phone:604-454-0402 Fax:604-454-0403
 E-mail:
 vancouver@morrisonhershfield.com,
 http://www.morrisonhershfield.com/
 Internet Addr : http://www.morrisonhersh-
 field.com/
 Owner (Public): City of Fort St. John
 Craig Stanley
 (Director, Facilities
 10631 - 100th Street FORT ST JOHN
 BC
 V1J 3Z5
 Phone:250-794-3297 Fax:250-787-8181
 E-mail: cstanley@fortstjohn.ca,
 http://www.fortstjohn.ca/index.php?option=com_cont
 Company Name : City of Fort St. John
 Internet Addr :
 http://www.fortstjohn.ca/index.php?option=com_cont
 Notes: DEWB73 - Site visit May 31 at 11:00 AM (PDT) - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this Project please call - 1-88-836-6623
 Plans available from: Owner (Public)
 Construction Document Links: North Peace Leisure Pool Upper Wall Renovations Plans/Specs
 Additional features: The work generally consists of, but is not limited to, the following: Removal and disposal of the Upper Wall Stucco and EIFS assembly as indicated in the drawings; Installation of air barrier improvements and new spray foam insulation as indicated in the drawings; Installation of new gypsum sheathing as indicated in the drawings; Installation of new drained cavity EIFS and rain screen stucco as indicated in the drawings; Installation of new cap and base flashings as indicated on the drawings; Installation of new concrete block

Manitoba

ITEM: HVAC Upgrades Phase 1 (Ellis Building Room 267) 371568
 66 Chancellors Cir
 UNIMB0001, MB R3T 2N2 CAN
 MB(DIVISION 11
 201600558770 v1
 Action stage: Bidding
 Bid date: 06/30/2016 @ 02:00 PM CDT
 Valuation: B (100K to <200K)
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target start date: 08/01/2016
 Owner type: State
 Project Overview
 Project type: College/University.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 06/13/2016
 Publisher: Dodge Data & Analytics
 Type of Item: ALTERATION.
 Item Code: Air Condition/Temper Sys-
 Cent. Elec Work. Heating Sys. Ventilating
 Sys.
 Item Category: HVAC/DUCTWORK.
 ELECTRICAL. HVAC/DUCTWORK.
 HVAC/DUCTWORK.
 Status: Bids to Owner June 30 at 2:00 PM (CDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/13/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: University of Manitoba
 Zele Kasse
 410 Administration Bldg WINNIPEG
 MB
 R3T 2N2
 Phone:204-474-8911 Fax:204-275-1160
 http://umanitoba.ca/admin/financial_ser-
 vices/purch
 Company Name : University of Manitoba
 Internet Addr :
 http://umanitoba.ca/admin/financial_ser-
 vices/purch
 Owner (Public): University of Manitoba
 Zele Kasse
 410 Administration Bldg WINNIPEG
 MB
 R3T 2N2
 Phone:204-474-8911 Fax:204-275-1160
 http://umanitoba.ca/admin/financial_ser-
 vices/purch
 Company Name : University of Manitoba
 Internet Addr :
 http://umanitoba.ca/admin/financial_ser-
 vices/purch
 Notes: DEWB43 - Non-Mandatory Pre-Bid Meeting on June 16 at 1:30 PM (CDT) at at Ellis Building Room 267, University of Manitoba - 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)
 Items: University of Manitoba Ellis Building Room 267 Phase 1 HVAC Upgrades

 ITEM: Refrigeration - Mechanical Services (IQC) 01R11-17-S003

101 Route 100 unit 100
 MORDEN, MB R6M 1Y4 CAN
 MB(DIVISION 03
 201600537477 v1
 Action stage: Bidding
 Bid date: 06/30/2016 @ 02:00 PM CDT
 Valuation: B (100K to <200K)
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Owner type: Federal
 Project Overview
 Project type: Testing/Research/Develop-
 ment Lab.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 05/19/2016
 Publisher: Dodge Data & Analytics
 Type of Item: ALTERATION.
 Item Code: Elec Work. Mechanical Work.
 Refrigerators.
 Item Category: ELECTRICAL. PLUMB-
 ING/FIRE PROTECTION.
 KITCHEN/LAUNDRY EQUIPMENT.
 Status: Bids to Owner May 30 at 2:00 PM (CDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 05/19/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Agriculture and Agri-Food
 Canada
 Annette Haider
 300 - 2010 12th Avenue REGINA
 SK
 S4P 0M3
 Phone:306-523-6544 Fax:306-523-6560
 http://www.agr.gc.ca/
 Internet Addr : http://www.agr.gc.ca/
 Owner (Public): Agriculture and Agri-Food
 Canada
 Annette Haider
 300 - 2010 12th Avenue REGINA
 SK
 S4P 0M3
 Phone:306-523-6544 Fax:306-523-6560
 http://www.agr.gc.ca/
 Internet Addr : http://www.agr.gc.ca/
 Notes: DEWB82 MANDATORY SITE VISIT will be held May 31, 2016 at 1:30 p.m.
 Plans available from: Owner (Public)
 Items: Preventative maintenance and repair services during "regular working hours" - Emergency service outside "regular working hours" - Equipment installation and de-commission services

 Culvert Installations X04460
 WINNIPEG, MB CAN
 MB(DIVISION 11
 201600559317 v1
 Action stage: Bidding
 Bid date: 06/28/2016 @ 12:00 PM CDT
 Valuation: D (300K to <400K)
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target start date: 07/01/2016
 Owner type: State
 Project Overview
 Project type: Storm Sewer.
 Report type: Project

Sub project count: 0
 First publish date: 06/14/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Bids to Owner June 28 at 12:00 PM (CDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/14/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Government of Manitoba High-
 ways & Transportation
 Contract Services
 1630 - 215 Garry Street 16th Floor WIN-
 NIPEG
 MB
 R3C 3P3
 Phone:204-945-3637 Fax:204-948-2288
 E-mail: mit.eo.tenders@gov.mb.ca,
 http://mit.gov.mb.ca/cts/Tenders.aspx
 Owner (Public): Government of Manitoba
 Highways & Transportation
 Contract Services
 1630 - 215 Garry Street 16th Floor WIN-
 NIPEG
 MB
 R3C 3P3
 Phone:204-945-3637 Fax:204-948-2288
 E-mail: mit.eo.tenders@gov.mb.ca,
 http://mit.gov.mb.ca/cts/Tenders.aspx
 Notes: DEWB06
 Plans available from: Owner (Public)
 Additional features: The work involves the installation of corrugated metal culverts approximately 2.0 km East of PTH 83, located in the Municipality of Roblin.

 ITEM: Bathroom Door Replacement (Fred Douglas Lodge) PR370571
 1275 Burrows Avenue
 WINNIPEG, MB CAN
 MB(DIVISION 11
 201600551694 v1
 Action stage: Bidding
 Bid date: 06/24/2016 @ 11:20 PM CDT
 Valuation: \$100,001 - 250,000
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Owner type: Private
 Project Overview
 Project type: Hotel/Motel.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 06/06/2016
 Publisher: Dodge Data & Analytics
 Type of Item: MATL EQUIP.
 Item Code: Door Hardware-All Types.
 Item Category: DOORS.
 Status: Bids to Owner June 24 at 12:01 PM (CDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/06/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Consultant: MEXX
 Customer Support
 (Consultant
 38 Antares Drive Ottawa
 ON
 K2E 7V2

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



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Dodge Analytics 613-727-4900 ext 4902 or 4953.
E-mail: mcgraw-hill@merx.com Web: www.construction.com

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: Fred Douglas Society
Orville Thoreson
1275 Burrows Ave WINNIPEG
MB
R2X 0B8
Phone:204-586-8541
Owner (Public): Fred Douglas Society
Orville Thoreson
1275 Burrows Ave WINNIPEG
MB
R2X 0B8
Phone:204-586-8541
Notes: DEWB73 - Site Visit June 9 at 1:30 AM (CDT) at Fred Douglas Lodge - 1275 Burrows Avenue - Winnipeg - MB - 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 available from: Consultant
Items: Fred Douglas Lodge ? Bathroom Door Replacement

2016 Full Depth Repairs Program 371663
Various Locations
OAKBANK, MB CAN
MB(DIVISION 11
201600557047 v1
Action stage: Bidding
Bid date: 06/23/2016 @ 11:00 AM CDT
Valuation: F (500K to <750K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 07/01/2016
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 06/10/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner June 23 at 11:00 AM (CDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Consultant: MERX
Customer Support
(Consultant
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: Rural Municipality of Springfield
Justin Magne

(Contract Authority
27055 Oakwood Road Oakbank
MB
R0E 1J0
Phone:204-444-2241 Fax:204-444-2389
E-mail: jmagne@rmofspringfield.ca,
<http://www.rmofspringfield.ca/index.html>
Email ID : jmagne@rmofspringfield.ca Internet Addr :
<http://www.rmofspringfield.ca/index.html>
Owner (Public): Rural Municipality of Springfield
Justin Magne
(Contract Authority
27055 Oakwood Road Oakbank
MB
R0E 1J0
Phone:204-444-2241 Fax:204-444-2389
E-mail: jmagne@rmofspringfield.ca,
<http://www.rmofspringfield.ca/index.html>
Email ID : jmagne@rmofspringfield.ca Internet Addr :
<http://www.rmofspringfield.ca/index.html>
Notes: DEWB40
Bonds: 10% Bid Bond. 50% Performance Bond.
Plans available from: Owner (Public)
Additional features: The major components of the Work are as follows:Full Depth Road Repairs (Oakwood Road, Wenzel Road, Lornehill Road and Eastdale Road)(i) pavement removal;(ii) excavation;(iii)placement and compaction of subbase(iv) placement and compaction of base course(v) placement and compaction of hot mix asphalt surface

Northern Canada

ITEM: Playground Equipment - Doornbos / Grace Lake Parks RFP16038
YELLOWKNIFE, NT CAN
NT(FORT SMITH
201600556700 v1
Action stage: Bidding
Bid date: 07/15/2016 @ 02:00 PM MDT
Valuation: First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Local Government
Project Overview
Project type: Park/Playground.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/10/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Playground Eqpt.
Item Category: SCHOOL FURN/EQUIP.
Status: Bids to Owner July 15 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Yellowknife
Clem Hand
4807- 52nd. Street PO Box 580 YEL-
LOWKNIFE

NT
X1A 2N4
Phone:867-920-5617 Fax:867-920-5649
E-mail: Chand@yellowknife.ca,
<http://www.yellowknife.ca/>
Internet Addr : <http://www.yellowknife.ca/>
Owner (Public): City of Yellowknife
Clem Hand
4807- 52nd. Street PO Box 580 YEL-
LOWKNIFE
NT
X1A 2N4
Phone:867-920-5617 Fax:867-920-5649
E-mail: Chand@yellowknife.ca,
<http://www.yellowknife.ca/>
Internet Addr : <http://www.yellowknife.ca/>
Notes: DEWB43
Plans available from: Owner (Public)
Items: Playground Equipment ? Doornbos and Grace Lake Parks

ITEM: Heating - Electrical Upgrades (Yukon Housing Unit) YHC2016172073
5TH AVENUE
DAWSON, YT Y0B 1G0 CAN
YT(YUKON
201600558526 v2
Action stage: Bidding
Bid date: 07/07/2016 @ 04:00 PM PDT
Valuation: D (300K to <400K)
*
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Apartments/Condominiums 1-3 Stories.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/13/2016
Prior publish date: 06/13/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Elec Work. Heating Sys.
Item Category: ELECTRICAL.
HVAC/DUCTWORK.
Status: Bids to Owner July 7 at 4:00 PM (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Yukon Housing Corporation
Robert Kostelnik
(Project Officer
410 Jarvis St Whitehorse
YT
Y1A 2H5
Phone:867-667-5759 Fax:867-667-3664
E-mail: Robert.kostelnik@gov.yk.ca,
<http://www.housing.yk.ca/>
Internet Addr : <http://www.housing.yk.ca/>
Owner (Public): Yukon Housing Corporation
Robert Kostelnik
(Project Officer
410 Jarvis St Whitehorse
YT
Y1A 2H5
Phone:867-667-5759 Fax:867-667-3664
E-mail: Robert.kostelnik@gov.yk.ca,
<http://www.housing.yk.ca/>

Internet Addr : <http://www.housing.yk.ca/>
Notes: DEWB59 pre bid meeting June 22 at 3:00 PM (PDT) at 5TH AVENUE - DAWSON CITY - Plans & Specifications are currently being processed and will be available within 1-2 business days
*Plans available from: *Owner (Public)

Items: Heating and electrical upgrades yukon housing unit 854610 1376 - 5th avenue dawson city
SSE Care Mobility Renovations 669
Site Not Specified
FORT SIMPSON, NT CAN
NT(FORT SMITH
201600556682 v1
Action stage: Bidding
Bid date: 07/05/2016 @ 03:00 PM MDT
Valuation: C (200K to <300K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Local Government
Project Overview
Project type: Nursing/Convalescent Center.
Report type: Project
Sub project count: 0
First publish date: 06/10/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner July 5 at 3:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Government of Northwest Territories
Administrator
301 - 76 Capital Drive HAY RIVER
NT
X0E 1G2
Phone:867-874-7003 Fax:867-874-7014
E-mail: PSSTendersHayRiver@gov.nt.ca,
<http://www.contractregistry.nt.ca/Public/ListProcure>
Company Name : Government of Northwest Territories Email ID : PSSTendersHayRiver@gov.nt.ca Internet Addr : <http://www.contractregistry.nt.ca/Public/ListProcure>
Owner (Public): Government of Northwest Territories
Administrator
301 - 76 Capital Drive HAY RIVER
NT
X0E 1G2
Phone:867-874-7003 Fax:867-874-7014
E-mail: PSSTendersHayRiver@gov.nt.ca,
<http://www.contractregistry.nt.ca/Public/ListProcure>
Company Name : Government of Northwest Territories Email ID : PSSTendersHayRiver@gov.nt.ca Internet Addr : <http://www.contractregistry.nt.ca/Public/ListProcure>
Notes: DEWB43 - 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)

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



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

Additional features: Care Mobility Renovations - SSE, Fort Simpson - Interior and Exterior renovations for NWT Housing Corporation client to provide barrier-free access, Fort Simpson

ITEM: Gymnasium Floor ReSurfacing 2016172064
Del Van Gorder School
FARO, YT CAN
YT(YUKON
201600557951 v1
Action stage: Bidding
Bid date: 06/23/2016 @ 04:00 PM PDT
Valuation: C (200K to <300K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Middle/Senior High School.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/13/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Flrg Work-Undsgntd.
Item Category: MASONRY/CONCRETE.
Status: Bids to Owner June 23 at 4:00 PM (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Yukon
Robert Murray
9010 Quartz Road P.O. Box 2703 WHITEHORSE
YT
Y1A 2C6
Phone:867-667-5385 Fax:867-667-5349
E-mail: robert.murray@gov.yk.ca,
http://www.gov.yk.ca/
Email ID : robert.murray@gov.yk.ca Internet Addr : http://www.gov.yk.ca/
Owner (Public): Government of Yukon
Robert Murray
9010 Quartz Road P.O. Box 2703 WHITEHORSE
YT
Y1A 2C6
Phone:867-667-5385 Fax:867-667-5349
E-mail: robert.murray@gov.yk.ca,
http://www.gov.yk.ca/
Email ID : robert.murray@gov.yk.ca Internet Addr : http://www.gov.yk.ca/
Notes: DEWB73 Site Visit June 15 at 1:00 PM (PDT) at DEL VAN GORDER SCHOOL BLDG # 6700 FARO - YUKON
Plans available from: Owner (Public)
Items: GYMNASIUM FLOOR RE-SURFACING DEL VAN GORDER SCHOOL BLDG # 6700 FARO, YUKON

ITEM: Boiler Replacement (Christ the King School) 2016172043
20 Nisutlin Drive
WHITEHORSE, YT Y1A 3S5 CAN
YT(YUKON
201600555147 v2
Action stage: Bidding
Bid date: 06/23/2016 @ 04:00 PM PDT

Valuation: C (200K to <300K)
Project delivery system: Design-Bid-Build
Target complete date: 08/01/2016
Owner type: State
Project Overview
Project type: Middle/Senior High School.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/08/2016
Prior publish date: 06/08/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Boiler Replacement.
Item Category: PLUMBING/FIRE PROTECTION.
Status: Bids to Owner June 23 at 4:00 PM (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Dept Highways and Public Works
Darryl Froesce
Suite 101 - 104 Elliott Street P.O. Box 2703 WHITEHORSE
YT
Y1A 2C6
Phone:867-667-5385 Fax:867-667-5349
E-mail: darryl.froesce@gov.yk.ca,
http://www.gov.yk.ca/
Company Name : Government of Yukon
Email ID : darryl.froesce@gov.yk.ca Internet Addr : http://www.gov.yk.ca/
Owner (Public): Dept Highways and Public Works
Darryl Froesce
Suite 101 - 104 Elliott Street P.O. Box 2703 WHITEHORSE
YT
Y1A 2C6
Phone:867-667-5385 Fax:867-667-5349
E-mail: darryl.froesce@gov.yk.ca,
http://www.gov.yk.ca/
Company Name : Government of Yukon
Email ID : darryl.froesce@gov.yk.ca Internet Addr : http://www.gov.yk.ca/
Notes: DEWB73 - site visit June 14 at 10:00 AM (PDT)
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
*Plans available from: *Owner (Public)
Addenda film date: 06/09/2016
Addenda receive date: UN/-2/09-J
Items: Christ The King School/Boiler Replacement

Ontario

ITEM: Vinyl Windows 371963
5775 Bath Road
KINGSOTN, ON K0H 1 CAN
ON(FRONTENAC
201600559946 v1
Action stage: Bidding
Bid date: 07/25/2016 @ 02:00 PM EDT
Valuation: \$150,000
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build

Owner type: Federal
Project Overview
Project type: Military Facility.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/14/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Windows-Undsgntd.
Item Category: WINDOWS/SKYLIGHT.
Status: Bids to Owner July 25 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works and Government Services Canada
Tammy Weaver
(Contracting
31 Steve Fonyo Drive Procurement Des Acquisitions Kingston
ON
K7L 5J5
Phone:613-547-7587 Fax:613-545-8067
E-mail: gisele.beaulieu@pwgsc.gc.ca
Owner (Public): Public Works and Government Services Canada
Tammy Weaver
(Contracting
31 Steve Fonyo Drive Procurement Des Acquisitions Kingston
ON
K7L 5J5
Phone:613-547-7587 Fax:613-545-8067
E-mail: gisele.beaulieu@pwgsc.gc.ca
Notes: DEWB59
Plans available from: Owner (Public)
Items: Vinyl Windows - CORCAN Industries, Kingsotn, Ontario

ITEM: Structural Douglas Fir timber (Supply/Deliver) - IQC 371463
Various Location
ON CAN
ON(DURHAM
201600556313 v1
Action stage: Bidding
Bid date: 07/18/2016 @ 02:00 PM EDT
Valuation: First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Federal
Project Overview
Project type: Animal/Plant/Fish Facility.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/09/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Heavy Timber. Road Materials.
Item Category: CARPENTRY/MILL-WORK. HIGHWAY SUPPLIES.
Status: Bids to Owner July 18 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/09/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works and Government Services Canada

Lori Rombough
86 Clarence Street KINGSTON
ON
K7L 5J5
Phone:613-545-8061
E-mail: gisele.beaulieu@pwgsc.gc.ca
Owner (Public): Public Works and Government Services Canada
Lori Rombough
86 Clarence Street KINGSTON
ON
K7L 5J5
Phone:613-545-8061
E-mail: gisele.beaulieu@pwgsc.gc.ca
Notes: DEWB06
Plans available from: Owner (Public)

Items: On behalf of Parks Canada, an Offeror is required to supply and deliver select structural douglas fir (timber) to various locations in Ontario, on an as and when required basis.
25.8 Ramore Subdivision - Bridge Rehabilitation 371589
NORTH BAY, ON CAN
ON(NIPISSING
201600557274 v1
Action stage: Bidding
Bid date: 07/08/2016 @ 02:00 PM EDT
Valuation: E (400k to <500K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: State
Project Overview
Project type: Bridge.
Report type: Project
Sub project count: 0
First publish date: 06/10/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner July 8 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Consultant: MERX
Customer Support (Consultant
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: Ontario Northland Transportation Commission
Ellen Howard
(Controller
555 Oak Street East NORTH BAY
ON
P1B 8L3
Phone:705-472-4500 Fax:705-476-5598
E-mail: info@ontc.ca, http://www.ontariorthland.ca
Internet Addr : http://www.ontariorth-

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



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Dodge Analytics 613-727-4900 ext 4902 or 4953.

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

land.ca
 Owner (Public): Ontario Northland Transportation Commission
 Kelly R Domanico
 (Contract Authority)
 555 Oak Street East NORTH BAY
 ON
 P1B 8L3
 Phone:705-472-4500 Ext:381 Fax:705-476-5598
 E-mail:
 kelly.domanico@ontarionorthland.ca,
 http://www.ontarionorthland.ca
 Email ID : kelly.domanico@ontarionorthland.ca Internet Addr : http://www.ontarionorthland.ca
 Notes: DEWB06 - A mandatory site meeting will be held June 14 at 9:30 AM (EDT) at In front of the Rolly's Restaurant. Register by June 13th, 2016.
 Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
 Plans available from: Owner (Public)
 Additional features: Ontario Northland maintains over 100 bridges and 2000 culverts spread across 700 miles of track exposed to the Northern Ontario climate.
 Ontario Northland is conducting the rehabilitation of the Amikougami Creek Bridge, located at mile 25.8 on the Ramore Subdivision, we are requesting proposals for the bridge rehabilitation project at this location (see Appendix 1). Contractors are invited to submit bids on the tender

58.30 Ramore Subdivision - Bridge Rehabilitation 371582
 NORTH BAY, ON CAN
 ON(NIPISSING
 201600557242 v1
 Action stage: Bidding
 Bid date: 07/08/2016 @ 02:00 PM EDT
 Valuation: E (400k to <500K)
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target start date: 08/01/2016
 Owner type: State
 Project Overview
 Project type: Bridge.
 Report type: Project
 Sub project count: 0
 First publish date: 06/10/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Bids to Owner July 8 at 2:00 PM (EDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/10/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Consultant: MERX
 Customer Support
 (Consultant
 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: Ontario Northland Transportation Commission
 Ellen Howard
 (Controllor
 555 Oak Street East NORTH BAY
 ON
 P1B 8L3
 Phone:705-472-4500 Fax:705-476-5598
 E-mail: info@ontc.ca, http://www.ontarionorthland.ca
 Internet Addr : http://www.ontarionorthland.ca
 Owner (Public): Ontario Northland Transportation Commission
 Kelly R Domanico
 (Contract Authority)
 555 Oak Street East NORTH BAY
 ON
 P1B 8L3
 Phone:705-472-4500 Ext:381 Fax:705-476-5598
 E-mail:
 kelly.domanico@ontarionorthland.ca,
 http://www.ontarionorthland.ca
 Email ID : kelly.domanico@ontarionorthland.ca Internet Addr : http://www.ontarionorthland.ca
 Notes: DEWB06 - A mandatory site meeting will be held June 14 at 9:30 AM (EDT) at In front of the Rolly's Restaurant. Register by June 13th, 2016.
 Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
 Plans available from: Owner (Public)
 Additional features: Ontario Northland maintains over 100 bridges and 2000 culverts spread across 700 miles of track exposed to the Northern Ontario climate.
 Ontario Northland is conducting the rehabilitation of the Wild Goose River Bridge, located at mile 58.30 on the Ramore Subdivision

93.91 Temagami Subdivision - Bridge Rehabilitation 371592
 NORTH BAY, ON CAN
 ON(NIPISSING
 201600557295 v1
 Action stage: Bidding
 Bid date: 07/08/2016 @ 02:00 PM EDT
 Valuation: E (400k to <500K)
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target start date: 08/01/2016
 Owner type: State
 Project Overview
 Project type: Bridge.
 Report type: Project
 Sub project count: 0
 First publish date: 06/10/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Bids to Owner July 8 at 2:00 PM (EDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/10/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Consultant: MERX

Customer Support
 (Consultant
 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: Ontario Northland Transportation Commission
 Ellen Howard
 (Controllor
 555 Oak Street East NORTH BAY
 ON
 P1B 8L3
 Phone:705-472-4500 Fax:705-476-5598
 E-mail: info@ontc.ca, http://www.ontarionorthland.ca
 Internet Addr : http://www.ontarionorthland.ca
 Owner (Public): Ontario Northland Transportation Commission
 Kelly R Domanico
 (Contract Authority)
 555 Oak Street East NORTH BAY
 ON
 P1B 8L3
 Phone:705-472-4500 Ext:381 Fax:705-476-5598
 E-mail:
 kelly.domanico@ontarionorthland.ca,
 http://www.ontarionorthland.ca
 Email ID : kelly.domanico@ontarionorthland.ca Internet Addr : http://www.ontarionorthland.ca
 Notes: DEWB06 - A mandatory site meeting will be held June 14 at 9:30 AM (EDT) at In front of the Rolly's Restaurant. Register by June 13th, 2016.
 Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
 Plans available from: Owner (Public)
 Additional features: Ontario Northland maintains over 100 bridges and 2000 culverts spread across 700 miles of track exposed to the Northern Ontario climate.
 Ontario Northland is conducting the rehabilitation of the Montreal River Bridge, located at mile 93.91 on the Temagami Subdivision, we are requesting proposals for the bridge rehabilitation project at this location (see Appendix 1). Contractors are invited to submit bids on the tender

Québec

ITEM: Valve Assembly manifold (Supply/Delivery) W8482-178515/A
 GATINEAU, QC CAN
 QC(COMMUNAUTE-URBAINE-DE-L'OUTAOUAIS
 201600557064 v1
 Action stage: Bidding
 Bid date: 07/19/2016 @ 02:00 PM EDT
 Valuation: First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build

Owner type: Local Government
 Project Overview
 Project type: Office.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 06/10/2016
 Publisher: Dodge Data & Analytics
 Type of Item: MATL EQUIP.
 Item Code: Contractors Eqpt-Purch/Rental. Valve-All Types of Utly Const.
 Item Category: CONTRACTORS EQUIP. BLDG UTILITIES.
 Status: Bids to Owner July 19 at 2:00 PM (EDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 06/10/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Public Works and Government Services Canada
 Villemaire, Eric
 11 Laurier St./11, rue Laurier 7A2,Place du Portage, Phase II GATINEAU
 QC
 K1A 0S5
 Phone:881-995-6705 Fax:819-953-2953
 Company Name : Public Works and Government Services Canada
 Owner (Public): Public Works and Government Services Canada
 Villemaire, Eric
 11 Laurier St./11, rue Laurier 7A2,Place du Portage, Phase II GATINEAU
 QC
 K1A 0S5
 Phone:881-995-6705 Fax:819-953-2953
 Company Name : Public Works and Government Services Canada
 Notes: DEWB06
 Plans available from: Owner (Public)
 Items: VALVE ASSEMBLY, MANIFOLD SUPPLY . QUANTITIESItem 001: Two (2)Item 002: Two (2) For Line Items 001& 002 is desirable on or before July 22, 2016.
 Item 001: Victoria, BCItem 002: Halifax, NS

ITEM: Air Handling Unite (Delivery)
 U68001647
 GATINEAU, QC K1A 0 CAN
 QC(COMMUNAUTE-URBAINE-DE-L'OUTAOUAIS
 201600558387 v1
 Action stage: Bidding
 Bid date: 07/11/2016 @ 02:00 PM EDT
 Valuation: First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Owner type: Federal
 Project Overview
 Project type: Military Facility.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 06/13/2016
 Publisher: Dodge Data & Analytics
 Type of Item: MATL EQUIP.
 Item Code: Air Conditioning Unit-Portable.
 Item Category: HVAC/DUCTWORK.
 Status: Bids to Owner July 11 at 2:00 PM (EDT)
 Status project delivery system: Design-Bid-Build

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



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Dodge Analytics 613-727-4900 ext 4902 or 4953.
E-mail: mcgraw-hill@merx.com Web: www.construction.com

Publish date: 06/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works and Government Services Canada
Neil Pearson
11 Laurier St./11, rue Laurier 7A2, Place du Portage, Phase II GATINEAU QC
K1A 0S5
Phone: 819-956-3976 Fax: 819-953-2953
Company Name: Public Works and Government Services Canada
Owner (Public): Public Works and Government Services Canada
Neil Pearson
11 Laurier St./11, rue Laurier 7A2, Place du Portage, Phase II GATINEAU QC
K1A 0S5
Phone: 819-956-3976 Fax: 819-953-2953
Company Name: Public Works and Government Services Canada
Notes: DEWB59
Plans available from: Owner (Public)
Items: - Airhandling Unit and related items in accordance with Annex B Air Handling Unit, Delivery Duty Paid (DDP) to Ottawa, Ontario.

ITEM: Re-roofing (Connaught Barracks) 371638
3 Cote de la Citadelle
QUEBEC, QC G1R 3R2 CAN
QC/QUEBEC
201600558894 v1
Action stage: Bidding
Bid date: 07/07/2016 @ 02:00 PM EDT
Valuation: \$1,430,000
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Military
Project Overview
Project type: Military Facility.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/13/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Roofing-All Types.
Item Category: ROOFING.
Status: Bids to Owner July 7 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Jean Masse, Service d'Ingenierie
150 chemin des granites Lac Beauport QC
G0A 2C0
Phone: 418-849-9987 Fax: 418-849-6143
Consultant: MERX
Customer Support
(Consultant
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: Les consultants SMI inc.
1200, av. St-Jean-Baptiste, Bureau 116 QUEBEC QC
G2E 5E8
Phone: 418-871-9330
http://www.groupe-sm.com/
Internet Addr: http://www.groupe-sm.com/
Mechanical Engineer: Les consultants SMI inc.
1200, av. St-Jean-Baptiste, Bureau 116 QUEBEC QC
G2E 5E8
Phone: 418-871-9330
http://www.groupe-sm.com/
Internet Addr: http://www.groupe-sm.com/
Owner (Public): Defence Construction Canada
Annie A Pageau
CFB Valcartier-Bldg # 72 rue de la Victoire-Ste 104 COURCELETTE QC
G0A 4Z0
Phone: 418-844-5000
E-mail: ANNIE.PAGEAU@DCC-CDC.GC.CA Email ID: ANNIE.PAGEAU@DCC-CDC.GC.CA
Structural Engineer: Yves Gilbert, Ingenieur
1187 rue Saint-Vallier East Quebec QC
G1K 3R9
Phone: 418-694-1030
Notes: DEWB43 - Pre-Bid Site Visit June 16 at 1:30 PM (EDT) at Connaught Barracks at the gate, 3 Cote de la Citadelle, Quebec, G1R 3R2 - DEFENCE CONSTRUCTION CANADA (DCC) ? VR099906 - 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 X7092. - Plans & Specifications are currently being processed and will be available within 1-2 business days
Plans available from: Consultant
Items: onnaught Barracks Re-roofing, Quebec City, QC
ITEM: Roof replacement (Laurentian Forestry Centre) EE520170376A

1055 Rue du Peps
QUEBEC, QC G1V 4C7 CAN
QC/QUEBEC
201600558560 v1
Action stage: Bidding
Bid date: 07/05/2016 @ 02:00 PM EDT
Valuation: \$500,001 - 1,000,000
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Federal

Project Overview
Project type: Military Facility.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/13/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Roofing-All Types.
Item Category: ROOFING.
Status: Bids to Owner July 5 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: St Gelais, Montminy Architectes
530 boul. de l'Atrium bureau 201 Quebec QC
G1H 7H1
Phone: 418-626-8224 Fax: 418-626-6885
E-mail: info@stgm.net
Engineer: Norda Stelo
1015 Wilfrid-Pelletier Ave. Centre d'affaires Henri-IV QUEBEC QC
G1W 0C4
Phone: 800-463-2839
E-mail: info@norda.com,
http://www.norda.com/
Email ID: info@norda.com Internet Addr: http://www.norda.com/
Owner (Public): Gare Maritime Champlain
Lise Dugal
901 Cap Diamant Room 240 - 2nd Floor QUEBEC QC
G1K 4K1
Phone: 418-649-2889 Fax: 418-648-2209
Notes: DEWB59 Non mandatory pre bid meeting June 15 at 2:00 PM (EDT) at Laurentian Forestry Center, located at 1055 rue du PEPS - Quebec - need to wear construction's footwear - 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)
Items: Roof replacement - Laurentian Forestry Centre

Louisbourg National Historic Site Fortress Reconstruction EB144170337A
Route 22
MONTREAL, QC CAN
QC(COMMUNAUTE-URBAINE-DE-MONTREAL
201600555080 v1
Action stage: Bidding
Bid date: 06/23/2016 @ 02:00 PM EDT
Valuation: \$1,000,001 - 5,000,000
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 07/01/2016
Target complete date: 11/01/2016
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 06/08/2016
Publisher: Dodge Data & Analytics

Type of Work: Alterations
Type of Item: NEW TRADE.
Item Code: Mechanical Work.
Item Category: PLUMBING/FIRE PROTECTION.
Status: Bids to Owner June 23 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 06/08/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works and Government Services Canada
Tanya Allen
(Administration
1713 Bedford Row P.O.Box 2247 HALI-FAX
NS
B3J 3C9
Phone: 902-496-5142 Fax: 902-496-5016
E-mail: questions@pwgsc.gc.ca
Owner (Public): Public Works and Government Services Canada
Tanya Allen
(Administration
1713 Bedford Row P.O.Box 2247 HALI-FAX
NS
B3J 3C9
Phone: 902-496-5142 Fax: 902-496-5016
E-mail: questions@pwgsc.gc.ca
Notes: DEWB73
Plans available from: Owner (Public)
Additional features: Route 22 Reconstruction Fortress of Louisbourg National Historic Site

Saskatchewan

Roadway Seal Coat Surfacing 371992
KUROKI, SK SOA 1 CAN
SK(DIVISION 06
201600560015 v1
Action stage: Bidding
Bid date: 07/12/2016 @ 12:00 PM CST
Valuation: F (500K to <750K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 06/14/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner at Engineer office
July 12 at 12:00 PM (CST)
Status project delivery system: Design-Bid-Build
Publish date: 06/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: AECOM
183-1621 Albert St Regina SK
S4P 2S5
Phone: 306-522-3266 Fax: 306-522-3277
http://www.aecom.com/

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



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

Internet Addr. : <http://www.aecom.com/>
Owner (Public): RM of Sasman No. 336
Shandy Wegwitz
Box 130 Kuroki
SK
SOA 1Y0
Phone:306-338-2263
E-mail: rm336@yourlink.ca Company
Name : RM of Sasman No. 336 Email ID :
rm336@yourlink.ca
Notes: DEWB59
Bonds: 5% Bid Bond.
Plans available from: Owner (Public)
Additional features: 3.5 km of Roadway
Seal Coat Surfacing

ITEM: Roof Replacement (Lampman
Health Centre) SCHR060216
309 2nd Ave, Box 100
WEYBURN, SK S0C 1N0 CAN
SK(DIVISION 11
201600555050 v2
Action stage: Bidding
Bid date: 07/04/2016 @ 12:00 PM CST
Valuation: C (200K to <300K)
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Local Government
Project Overview
Project type: Hospital.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/08/2016
Prior publish date: 06/08/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Roofing-All Types.
Item Category: ROOFING.
Status: Bids to Owner July 4 at 12:00 PM
(CST)
Status project delivery
system: Design-Bid-Build
Publish date: 06/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Roof Management & Inspection
Services
S.M. Crow
(PENG
495 Hoffer Drive REGINA
SK
S4N 6E2
Phone:306-352-4606 Fax:306-352-4607
E-mail: regina@roofmanagement.ca,
<http://www.roofmanagement.ca>
Internet Addr : <http://www.roofmanage-ment.ca>
Owner (Public): Sun Country Regional
Health Authority
Samuel Baison
PO Box 2003 808 Souris Valley Rd
WEYBURN, SK S4H 2Z9
Phone:306-842-8399 Fax:306-842-8738

E-mail: Samuel.baison@schr.sk.ca,
<http://www.suncountry.sk.ca/>
Email ID : Samuel.baison@schr.sk.ca Inter-
net Addr : <http://www.suncountry.sk.ca/>
Notes: DEWB40 Pre-bid meeting June 15
at 10:00 AM (CST) at Lampman Health
Centre
*Plans available from: *Owner (Public)
Addenda film date: 06/09/2016
Addenda receive date: UN/-2/09-J

Items: SCHR is inviting proposals for the
removal of existing BUR roof and replacing
with the same to roof sections 3, 4, 5 and 10
at the Lampman Health Centre. SCHR's in-
tention is to enter in a Maintenance and Re-
pair Work Agreement with the preferred
proponent for the performance of the Work
Road Construction Projects
RM652016001DIV6
STOUGHTON, SK CAN
SK(DIVISION 01
201600560557 v1
Action stage: Bidding
Bid date: 07/04/2016 @ 12:00 PM CST
Valuation: D (300K to <400K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 08/01/2016
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 06/15/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner July 4 at 12:00 PM
(CST)
Status project delivery
system: Design-Bid-Build
Publish date: 06/15/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Municipality of Tecumseh
Lloyd Muma
PO Box 300 STOUGHTON
SK
S0G 4T0
Phone:306-457-2277
E-mail: rm65@sasktel.net Company Name
: Municipality of Tecumseh Email ID :
rm65@sasktel.net
Owner (Public): Municipality of Tecumseh
Lloyd Muma
PO Box 300 STOUGHTON
SK
S0G 4T0
Phone:306-457-2277
E-mail: rm65@sasktel.net Company Name
: Municipality of Tecumseh Email ID :
rm65@sasktel.net
Notes: DEWB06

Plans available from: Owner (Public)
Additional features: The Rural Municipality
of Tecumseh No. 65 invites you to submit a
tender for the clay capping and re-construc-
tion of municipal roads. Proposed Construc-
tion/Clay Capping Sites:1 mile of
Municipal Road on Range Road 2092, East
of Section 34-9-8—W21.5 miles of Municip-
al Road on Range Road 2094, East of Sec-
tion 32-9-8-W2 and East of NE Section of
29-9-8-W2For a complete tender package
please contact RM of Tecumseh No. 65 of-
fice 306-457-2277

ITEM: Fire Department Equipment 8916
PRINCE ALBERT, SK CAN
SK(DIVISION 15
201600560513 v1
Action stage: Bidding
Bid date: 06/28/2016 @ 02:30 PM CST
Valuation: First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Fire/Police Station.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/15/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Amplifiers. Contractors Eqpt-
Purch/Rental.
Item Category: COMMUNIC/SOUND
SYS. CONTRACTORS EQUIP.
Status: Bids to Owner June 28 at 2:30 PM
(CST)
Status project delivery
system: Design-Bid-Build
Publish date: 06/15/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Prince Albert
Lorraine Hamel
1084 Central Avenue PRINCE ALBERT
SK
S6V 7P3
Phone:306-953-4350 Fax:306-953-4313
E-mail: lhamel@citypa.com,
<http://www.citypa.ca>
Company Name : City of Prince Albert
Email ID : lhamel@citypa.com Internet
Addr : <http://www.citypa.ca>
Owner (Public): City of Prince Albert
Lorraine Hamel
1084 Central Avenue PRINCE ALBERT
SK
S6V 7P3
Phone:306-953-4350 Fax:306-953-4313
E-mail: lhamel@citypa.com,
<http://www.citypa.ca>
Company Name : City of Prince Albert
Email ID : lhamel@citypa.com Internet
Addr : <http://www.citypa.ca>
Notes: DEWB06
Plans available from: Owner (Public)
Items: Fire Department Equipment City

ITEM: Roof Replacement - Phase 2 (Fire
Hall) CSC16F008
236 Chaplin St E
SWIFT, SK S9H 5 CAN
SK(DIVISION 08
201600559987 v1
Action stage: Bidding
Bid date: 06/28/2016 @ 02:00 PM CST
Valuation: E (400k to <500K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Fire/Police Station.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/14/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Roofing-All Types.
Item Category: ROOFING.
Status: Bids to Owner at Architect Office
June 28 at 2:00 PM (CST)
Status project delivery
system: Design-Bid-Build
Publish date: 06/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Pattison MGM Architectural
Services Ltd.
Ward Peters
(Project Architect
3434 Regina Avenue REGINA
SK
S4S 7J9
Phone:306-584-2020 Fax:306-584-5252
E-mail: ward@pattisonmgm.com,
<http://www.pattisonmgm.com>
Owner (Public): City of Swift Current
B. Enman
(Project Engineer
177 - 1st Avenue NE P.O. Box 340 SWIFT
CURRENT
SK
S9H 3W1
Phone:306-778-2740 Fax:306-773-9386
<http://www.city.swift-current.sk.ca/>
Notes: DEWB59 Source requests all bid
documents be obtained through their chan-
nels only - Documents for this project will
not appear in the Dodge Global Network
Bonds: 10% Bid Bond.
Plans available from: Architect - US\$ 50
deposit. Document Cost Non-Refundable
Items: City of Swift Current Fire Hall Roof
Replacement Phase 2

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

What are the
Best Practices
for Successful
Project Delivery
& Construction
Close-out?

What are the
Leading Trends
of Building
Envelope Design
& Construction?

How will Updates in
Construction Law,
Building Codes and
Other Regulations
Impact You?



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