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Report

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Editor's viewpoint



As the holiday season approaches, we've completed the finishing touches on this issue of Canadian Design and Construction Report, with insights into Helmets to Hardhats, Passive House construction, and Women in Construction. These topics relate to economic development and the awards initiatives, and leadership progress within the Canadian architectural, engineering and construction community.

What's ahead for 2017? Undoubtedly, infrastructure and evolving demographics will be key issues and trends, along with technological innovations that will elevate the construction industry and sustainability. I'll be looking forward to capturing some insights at the annual Buildings Show (Construct Canada) in Toronto Nov. 30 to Dec. 2.

You can share your ideas, observations and questions by email to buckshon@cadcr.com. I'm looking forward to seeing you again in the New Year.

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EDITORIAL SUBMISSIONS AND CONTRIBUTIONS

You can contact the editor, Mark Buckshon, at buckshon@cadcr.com or phone 888-627-8717 ext 224. Submissions which provide relevant information on topics of relevance to the design and construction network community are invited. Business and self-promotional profiles are encouraged to consider the editorial profile or sponsorship options outlined above.

Publisher and interim editor
Mark Buckshon, buckshon@cadcr.com

Writer:
Heather Kirk, hkirk@cnrgp.com

Business development and marketing:
Chase, chase@cadcr.com 905-228-1151
Tim Lawlor, tlawlor@cnrgp.com 888-627-8717 ext. 210

Production:
Raymond Leveille, memoproductions.ca

Subscription and print copy requests:
Katherine Jeffrey, kjeffrey@cnrgp.com
Phone 888-627-8717 ext 114

Mailing address
1554 Carling Avenue, Suite 57, Ottawa, Ontario K1Z 7M4

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Mark Buckshon at buckshon@cadcr.com

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Ontario Construction Lien Act Review wins positive reviews from industry stakeholders

Government to introduce new legislation in 2017



Canadian Design and Construction Report staff writer

Ontario's construction industry stakeholders have expressed general support for Bruce Reynolds and Sharon Vogel's comprehensive proposals for Construction Lien Act (CLA) reforms, and the provincial government says it anticipates it will introduce implementing legislation in 2017.

The support crosses boundaries between general and trade contractors, though prompt payment legislation advocates have expressed some concern that the legislation, when introduced, may water down the CLA Review's recommendations.

The government sought the review after some owners and general contractors expressed objections to a 2013 private member's bill that would have mandated specific prompt payment requirements.

The Ontario General Contractors Association (OGCA) said in a statement that it "found the proposal for prompt payment to be superior to the Bill 69 solution in that it pre-

serves the right to contract, and adjudication will assure payments and work continues."

"The proposal will require that disputes are addressed quickly through legislative timelines by being referred to an adjudication process," the OGCA statement said. "Details of the operation of the process and the appointment of adjudicators is one of the many details to be worked out in the legislative process."

Meanwhile, the Council of Ontario Construction Associations (COCA) said its CLA Review Task force has sent a letter to provincial attorney general Yasir Naqvi "offering support for the report's recommendations" and including the following advice:

- That the government implement the recommendations of the Reynolds/Vogel report as a package and not "cherry pick" on an a-la-carte basis;
- That the government retain Bruce Reynolds and Sharon Vogel as consultants in the legislative process to ensure that their vision is implemented by the legislation;

- That the government continue to draw upon the expertise of the advisory group (lawyers who helped provide insights into the topic) in the legislative process; and that the government keep its commitment to table a bill in the spring and move it forward expeditiously.

Trade contractors advocating for prompt payment legislation also said they are happy with the Reynolds/Vogel report and its recommendations, and want to see them implemented soon.

"Late payment is one of the biggest risks to trade con-

tractors, their employees and suppliers," Prompt Payment Ontario (PPO) said in a statement. "We are glad to see the report's recommendation to legislate a prompt payment regime for the public and private sectors. Putting the legislation in place will ensure that we can 'Build Ontario.' Prompt payment is simply 'doing the right thing'; those that oppose it have another agenda."

The CLA Review recommendations allow general contractors to contract with subtrades for "pay when paid" clauses, reflecting OGCA members' majority opinion and general contractors' fears that if they experience payment delays from owners, they will be caught in the middle with mandatory prompt payment rules. However, Reynolds and Vogel set out notification and adjudication provisions designed to ensure that hold-ups are minimized and relate directly to the payment process.

"I think Bruce Reynolds and Sharon Vogel get it," said Jeff Koller, executive director of the Electrical Contractors Association of Ontario. Northern Ontario Business quoted Koller as saying it is a "fair, balanced review of the problem in the industry."

"What they've recommended is doing what's right, what's fair and what's equitable," he said.

The government says it will consult industry stakeholders before introducing the legislation in the spring, with the modernized act in place by the fall of 2017. "We hope that (the minister) is true to his word," Koller said. "Ultimately, it's going to depend on what the legislation looks like."

Koller told the business publication that trade contractors are up against entrenched opponents.


"I think there are very powerful lobbies that are opposed to prompt payment legislation or are concerned they are going to get caught in the middle," he said. "If you think of the payment pyramid with owners and developers at the top and general contractors below them, everything flows outward and downward, and that pyramid gets clogged when payment is delayed."


"It has long been the view of the trade contractor community that trade contractors are the ones financing developers' projects and bearing most of the financial risk in doing so when they have the least to gain," Koller said. "Trade contractors just want to get paid for the work that's been certified as being complete."

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Government orders fast track drywall dumping reviews as western Canadian builders fret over sharply higher costs



Canadian Design and Construction Report

The federal government has decided to fast track inquiries into gypsum board anti-dumping duties, but it appears the additional taxes of up to 276.5 per cent will remain in place while the Canadian International Trade Tribunal (CITT) conducts the reviews.

Western Canadian builders were shocked by the sharp increases in drywall costs when CITT introduced the tariff on Sept. 6. At the time, there was some concern that the new rules – and possible shortages – would also impact eastern Canada, but these issues do not appear to have materialized yet to a serious extent.

However, contractors and builders who budgeted and contracted work at the lower pre-tariff prices are reeling, especially in Ft. McMurray, which is rebuilding after the devastating fire there earlier in the year.

The Canadian Home Builders Association (CHBA) has joined in the lobbying efforts to have the duties reconsidered or eliminated.

The government in October asked the CITT to conduct its inquiries immediately, and report its findings by early January. This will accelerate the process by as much as 12 months, while allowing the Canadian Border Services Agency (CBSA) and the CITT to conduct independent investigations.

“Our government has listened to the concerns of western Canadians. With this action, we are putting in place an expedited process to look into the unintended impacts that these duties may be having,” reads a statement from Bill Morneau, the federal minister of finance. “I look forward to the CITT’s independent review of this matter so the government can determine the best path forward in ensuring a strong Canadian economy and middle class.”

The government imposed the duties following a complaint by CertainTeed Gypsum Canada Inc. that U.S. competitors – including CertainTeed’s own U.S. operations – were unfairly selling their gypsum board in Canada at prices lower than they were charging domestic U.S. clients.

“The scope of the anti-dumping investigation only considers the domestic market for drywall producers, not the impact on the rest of the industry and end users,” CHBA chief executive officer Kevin Lee said in a statement. “There was not sufficient attention paid to the unintended downstream effects of this decision or the implications for the public interest.”

“These extremely high duties, ranging from 105.2 per cent to 276.5 per cent, on about half of the drywall sold in western Canada, will severely affect the businesses of drywall contractors, builders and renovators, who will face losses on contracts already in place for the months ahead.

At a time when our governments are seeking to avoid further housing price increases, this supply shortage and higher costs for drywall are the last thing we need in the already vulnerable Alberta market," said Carol Oxtoby, a developer in Calgary, AB.

(While the number seems high, a duty of 105.2 per cent in fact is a 5.2 per cent tax, applying to Georgia-Pacific Gypsum, LLC. Ironically, CertainTeed's U.S. counterpart, CertainTeed Gypsum and Ceiling Manufacturing Inc. has a greater duty at 125 per cent, somewhat lower than United States Gypsum Company at 143.6 per cent. It is unclear what market share each of these providers, and all other manufacturers at 276.5 per cent, have.)

"We should be concerned that smaller companies may be forced into bankruptcy, as existing contracts may force them to fully absorb cost increases," Lee said in the statement. "As the Alberta economy seeks to recover, a duty that harms businesses and damages affordability for homebuyers is a major step in the wrong direction. Worst of all, the impacts of higher prices and shortages will be felt severely in Fort McMurray, affecting the rebuild there so important after the fires."

"You already have a high priced housing market in Greater Vancouver and the lower mainland," said Nathan Stone, a builder in the Fraser Valley of British Columbia. "No one can afford further increases to construction costs. This increase will have a negative impact on new home buyers and homeowners' renovation projects. Many of our drywall companies are at serious risk with contracts already in place."

"Although the duty is on imports to our western provinces, this isn't just an issue for the residential construction industry in the west," says Bob Finnigan, national president of the CHBA and builder in Toronto. "This is quickly becoming a national issue. We are already seeing ripple effects on price and warnings of supply restrictions in Ontario as uncertainty about the supply of drywall grows and Ontario plants potentially start to have to supply the western markets. As we try to keep house prices contained in the GTA, increases in drywall prices and potential shortages will only make matters worse."

An Ottawa building supply dealer who specializes in drywall, however, said the supply and price changes do not appear to be daunting in eastern Canada.

While the process is ongoing and final determination is still months away, the negative impacts on industry and consumers of the duty are being felt now, CHBA said.

"While we respect the process, suffering companies cannot wait (until January) to see the final decision on this," says Lee. "Even if duties are reduced or eliminated in the end of the review process, or if we have to request a hearing into the public interest because the duties are upheld – the damage to the industry will be done. In the meantime, efforts to reduce house prices and protect affordability, as well as those to support the economy as it seeks to recover, are being undermined severely."

The CITT says it will hold a public hearing on the issue on Nov. 28 and will issue its decision on Jan. 4, 2017.

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The plant, in actual operation, can be visited (Thunder Bay, Ontario region).



Contact Ms. Elisabeth Mayassi – tel.: 514-846-4000, #454 /
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2016 CISC National Steel Design Awards celebrate excellence in steel construction

Canadian Design and Construction Report

The Canadian Institute of Steel Construction (CISC) has announced the winners of the biennial CISC National Steel Design Awards of Excellence. CISC says the awards were the culmination of a two-year competition that brought together regional winners from across the country in four award categories: Architectural, Engineering, Sustainability and Bridges.

Winners are:



ENGINEERING: Queen Richmond Centre, Ontario

Project team

Owner: Allied Properties REIT

Architect: Sweeny & Co. Architects Inc.

Structural engineer: Stephenson Engineering Limited

Project manager/general contractor: Eastern Construction

Fabricator: Walters Group Inc. / CASTCONNEX

Detailer and erector: Walters Group Inc.

ARCHITECTURAL: Cogeco Amphitheatre, Quebec

Project team

Owner: City of Three Rivers, Quebec

Architect: Paul Laurendeau/FrancoisBeauchesne/Consortium of Architects

Engineer: Stantec/DPHV

Fabricator: Canam-Buildings, a division of Canam Group

Detailer: Genifab

Erector: Montacier



SUSTAINABILITY: Jeanne and Peter Lougheed Performing Arts Centre, Alberta

Project team

Architect: BR2

Structural engineer: Read Jones Christoffersen

General contractor: Clark Builders

Fabricator: Whitemud IW and Canam Group



BRIDGES: Strandherd Armstrong Bridge, Ontario



Project team

Bridge owner: City of Ottawa

Erection/construction engineers: PSS Cable Specialists, bridge specialist quality assurance; **engineer:** Harbourside Engineering Consultants

Bridge designer: Parsons (formerly Delcan)

General contractor: Horseshoe Hill Construction

Steel erector: Montacier International

Steel fabricator: Cherubini Metal Works

Steel detailer: Tenca Steel Detailing

PSS cable supplier: Freyssinet International

Project profiles of the winning projects can be found at: <http://ciscicca.ca/awards/national/2016>.

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Blackwood Partners earns Canada's first LEED v4 certification

for an existing building as CAGBC reports other certifications



The Halifax Central Library

Canadian Design and Construction Report staff writer

The Canada Green Building Council (CaGBC) says Canada's first LEED v4 certified commercial project has been certified with 270 Albert St. in Ottawa earning Gold under the LEED for Building Operations and Maintenance: Existing Buildings (LEED O+M: Existing Buildings) rating system. Asset managed by Blackwood Partners Inc. and property managed by Blackwood Partners Corporation, this project demonstrates how the rigour of LEED v4 can transform existing buildings and help Canada reduce carbon emissions to fight climate change, CaGBC says in a news release.



270 Albert St. in Ottawa

"Projects like 270 Albert set a strong example of leadership in action," says Mark Hutchinson, the CaGBC's vice president of green building programs. "They demonstrate how LEED v4 is providing project teams with a rigorous set of requirements and guidelines that, when successful, can lead a 40-year old building to become a top performer, saving energy and thereby reducing carbon and combating climate change. As Canada ramps up efforts to meet emissions reduction targets, this first LEED v4 certified commercial project is a great demonstration of how our existing buildings will play a key role in the fight against climate change."

The 14-storey, 164,000 sq. ft. office tower had previously undergone several major



retrofits since the building was constructed in 1975. While the multi-tenant building was already operating efficiently when an energy audit was conducted in 2013, with this LEED v4 Gold certification the operations team was able to improve the building's energy performance by a further 25 per cent, resulting in an energy use intensity of 20 kWh/sf and an ENERGY STAR score that placed the building in the 91st percentile amongst its peers, CaGBC says.

Crediting its close partnership with LEED consultants WSP Canada, Blackwood Partners also says the entire project – from initial planning to performance verification and documentation – was completed in just over one year.

Meanwhile, CAGBC says LEED registrations reached 6,096 in the third quarter of 2016. There were also 70 new certifications between July 1 and Sept. 30, with the cumulative total of LEED certified projects across the country at 2,854.

Additionally, LEED v4 registrations grew in the third quarter of 2016, for a total of 32 registrations and two certifications in Canada by the end of the quarter. This number will continue to grow with registration under the LEED 2009 version of the rating system ending on Oct. 31.

Year to date totals (up to September 30, 2016) by LEED certification level are as follows:

- 40 LEED Certified
- 98 LEED Silver
- 111 LEED Gold
- 20 LEED Platinum

Projects of note that earned LEED certification in the third quarter of 2016 include:

The Halifax Central Library in Halifax, NS, certified LEED Gold. This new library was designed to be a community gathering place that is an anchor and a resource for the region's libraries. It earned LEED Gold by incorporating features like a vegetated roof, a rainwater collection system that collects rainwater in an underground cistern and reuses it in washrooms, and an active four-pipe chilled beam system with high-efficiency heat recovery.

Kwayatsut (at 2465 Fraser St.) in Vancouver, BC, certified LEED Gold. This multiunit social housing development which in the Coast Salish language means "seeking one's power", provides ancillary support services and amenity spaces supporting youth at risk, and also includes commercial leased spaces. Among its sustainability features, the project provides ample access to natural light and air for occupants, installed bee colonies in planted areas, and consumes significantly less energy through a high-energy performance envelope.

120 & 130 Adelaide W. (Richmond-Adelaide Centre) in Toronto, certified LEED Gold for Existing Buildings. Situated in the heart of downtown Toronto's financial district, these buildings make up part of the Richmond-Adelaide Centre. Originally built in 1966, they were retrofitted to maximize sustainability, and improve tenant health and wellness.

How to finally understand illogical decisions (and capture the elephant in the room)



By Matt Handal

Special to *Canadian Design and Construction Report*

Have you ever been frustrated by an illogical decision a client, co-worker, or friend has made?

You just look at it and ask, "What are they thinking?"

They'd have to be insane to make that decision, right? It can make you want to pull your hair out. It can make you want to scream at the top of your lungs.

Why do people who, for all intents and purposes we know are sane ... make completely illogical decisions?

Here's just a few examples of things I've heard people, who I know are sane, say "no" to:

- I will give you a \$60,000 contract, just introduce me to one person.
- Since people who buy your book often hire you as a consultant, shouldn't you get that book in as many hands as possible?
- I will donate copies of my book (\$4,000 worth) for you to give to

your SMPS (Society for Marketing Professional Services) chapter. No strings attached.

No, I'm not offering these to you. Don't email me for the \$60,000 contract.

I'm just illustrating how sane people make completely illogical decisions. If you think about it, we've all seen this. How could anyone understand illogical decisions?

Why can't people just make logical decisions like we do?

I think we deserve an answer. Don't you?

The logic test

A while ago, I sent someone a copywriting sample I knew they'd hate.

It's a brilliant, and relatively famous piece of copywriting. But if you don't understand copywriting, the idea of using copy like this will rub you the wrong way.

You can read it here. But let me explain what it is.

It's a sales letter. The core message

is this:

"Spend 45-90 minutes on the phone with me and I'll develop a plan that will double or quadruple your business in the next 12 months. I won't charge you anything. The plan is yours for free. And if you don't find the call incredibly valuable, I'll pay \$1,500 to compensate you for the time (no questions asked)."

Now let's think about that pitch for a second. That pitch alone is extremely compelling. Think about the confidence you'd need to make someone that offer.

But then he spends six or seven pages explaining that he's dead serious. He details his reasoning, the people he's helped, and even who he won't accept a meeting with. It's a very sophisticated piece of copywriting.

The elephant in the room

As a business owner that meets his criteria, you can't give a logical "no" to this sales letter. Your brain won't be able to reason its way to a no.

Only your "gut" will be able to deny

this offer. Only a psychological or emotional response will offer you a way out.

You'll say, "It just doesn't feel right." But you might not be able to put your finger on just why.

It might be the fear of doubling your business (yes, that's a real thing). Or the fear of failing. It could be the sneaking suspicion that your time will be wasted and this person won't give you the money. These are all very real reactions you might have.

What it won't be is a logical argument. There is no logical decision but "yes."

So many of our decisions are like that. Your "gut instinct" is like an elephant. Your logic is like a boy riding that elephant.

If the elephant sees a peanut and starts running towards it, there is nothing the rider can do. The elephant is in control.

We are not these mechanical beings that make decisions based on logic. We just like to think we are. The reality is, we have many cognitive biases that shape our decision making. These are fixed action patterns, preprogrammed responses our brains use to help us make decisions. And these biases, these patterns, do not care about logic.

Not only that...we can't turn them off.

More than 90 per cent of the time, our psychological and emotional responses take over. The elephant takes over. All our logical rider can do is try to justify why he moved to that location.

He'll say, "That's where I wanted to go anyway." That's known as the interpreter mechanism.

You see, it's very hard for our logical rider to admit he has no say in where the elephant goes. Therefore, we subconsciously come up with some BS rationalization for our behaviour.

In our heads, this rationalization is truth. It came from our mind so it must be true, right? As a result, an illusion that we just made a logical decision is created.

Guiding the elephant

Let's get back to the illogical decisions of others. The problem isn't that their decisions are illogical.



No, the problem lies within us. We have a false expectation that people use logic to make their decisions. That's very rarely true.

If we continue to believe this fallacy, and base our perceptions on it, we'll continue to be let down by the decisions of others.

On the other hand, once we are aware of the elephant, once we stop expecting logic from others, we can understand illogical decisions and guide the elephant towards the destinations and decisions we want.

How to move people to action

The fact is, you can use this concept to change so many things about your marketing and life. I want to take it down to the ground level. Let me give you a few small examples of how you can apply the elephant and rider concept to your life.

Removing the mouse

Sometimes the smallest barrier prevents our elephant from deciding to move forward. For example, he might see a mouse in front of the path (which scares him from moving forward).

You might think that's silly. How can something so small, so insignificant, prevent this huge elephant from moving forward?

But you are falling back into the trap of "decisions are based on logic." You'll have to catch yourself each time you fall into this thinking. If you don't, your behaviour and the behaviour of others will continue not to make sense to you.

Not only that, you'll also remain virtually powerless to influence that behaviour.

Let's get back to the mouse. Some-

times ridiculously small barriers stop us from doing the things that, logically, we should be doing.

One good example is following up with people after you meet them. Why do people come back from a networking event and throw a pile of business cards in their drawer? They know they should follow up, but they don't.

Let's think about the barriers that could hold people back from sending that follow up email:

- What do I write to them?
- How do I follow up without sounding like a used car salesman?
- How do I convince them to meet with me (or my firm) again?
- What if I ask for something and they don't respond?
- What if they do respond?

There is a lot going on here. But it's why I personally use and advocate the use of email scripts.

I've already provided the exact scripts I use to get meetings with busy people. But I have about 20 email scripts I use for different situations. I have one for following up with someone I met at an event. I have one for following up after a meeting. I have one for practically every situation.

By using these scripts, I don't have to worry about what I'll write. I don't have to worry about how to ask for a meeting or what to do if they don't respond. I just follow the script.

Email scripts remove those barriers. Removing the mouse helps my elephant move in the direction I want.

Actionable advice

Think about the barriers that prevent you or the people around you from doing what they should be doing. How can you remove those barriers?

Show me the yacht clubs

Now let's discuss moving someone else's elephant.

One of my friends asked me to talk to his mom.

She helped this yacht club transform their floundering gift shop into a successful profit center. And she was looking to turn that into a consulting business. Her initial thought was to put together a PowerPoint and pitch yacht clubs around the country.

Even though she had done this for

many different types of retail businesses...my advice to her was to ease back and concentrate on getting just one more yacht club (ones that were already calling her) to hire her as a consultant.

Here's how I explained it to her. My firm analyzes delays on construction projects. The approach we would take to analyze delays on a railroad line is the same we'd use for a shopping mall.

But if I went to AMTRAK and said, "Look how we analyzed delays on this shopping mall. We could do the same for your rail line...." they would laugh me out of their office. Even if I explain the process is the same, they wouldn't care.

They want to see "social proof." They want to hear that we've analyzed delays for other rail agencies before. That's because, when undecided, we look to the decisions of others.

It's completely logical to believe my friend's mom could improve the results of any retail business. But business owners don't decide to take a chance based on logic.

My advice was having two yacht clubs under her belt would give her enough social proof to "take the show on the road."

Actionable advice

You have to learn what moves the elephant and apply those things to everything you do. If you hope to win through logic, you'll be far less successful.

The actionable advice here is if you want to help people decide, show them social proof. Show them others, just like them, are making the decisions you want to see.

Aligning with existing habits

Now let's get personal. Be honest with me. Do you floss your teeth every day?

Let me go all TMI here. I had horrible teeth. I never took care of my teeth. I'm not sure I flossed one single time in the first 30 years of my life.

This is important because, logically, we know how important it is to floss. It's not like I didn't know. It's not like my dentist kept that information from me.

There was no global conspiracy to keep me from flossing. There was even

dental floss in my house. It was easily accessible.

If I was a machine that made logical decisions, I would have flossed. Flossing is the logical decision.

As a result of my illogical decision, I've had so much dental work that we joke my dentist's boat is named after me.

But when I went there a few months ago, the dentist was like, "Wow, your teeth look great. They are so white."

I started flossing. First, I had some success by dedicating myself to flossing one tooth a day (another example of removing barriers).

But the real success was building it into an existing routine. Each night, I make my son brush his teeth. Now we floss together every night.

As a side benefit, my son's toothbrush flashes for two minutes (it's a little lightsaber).

As a result, I floss every night and I brush for much longer than I have in the past (who knew two minutes seemed so long). Now my teeth are doing great. They are better than they've ever been.

Actionable advice

This is an important example because it's easy for us to blame ourselves for making illogical decisions. It's easy to get down on yourself (or someone else) for not behaving like a

"normal person should behave."

People who don't floss know they should floss. Overweight people know they should exercise more. People who smoke cigarettes know it's bad for them.

You can educate these people on the benefits of changing their behaviour. You can tell them every day the dangers of what they are doing. But you'll just end up wondering why this "crazy person" is making illogical choices and your efforts have not changed them one bit.

You think the rider is in control. No, the elephant is.

You can't help these people, or yourself, unless you learn to accept this reality.

I could not simply will myself to floss every night. It is very difficult to create new habits out of thin air. And it's near impossible to stop existing habits (even if they are bad). It's much easier, and often more effective, to build on a pre-existing habit.

What do you want to change? What existing habits can you build on to help create that change?

The bottom line

As you can see there is so much to take away from the elephant and rider concept. Learning about psychology will not just help your marketing...it will help your life.



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Economic developers gather in Saskatoon for annual EDAC conference

Theme: Change Agents – Building Canadian communities



Canadian Design and Construction Report special feature

The 48th annual Economic Developers Association of Canada (EDAC) conference was held Oct. 22 through 25 in Saskatoon. This year's theme was Change Agents: Economic Developers Building Canadian Communities.

The annual event, hosted in a different Canadian city each year, kicked off with registration and set up and a fun night at the Western Development Museum described as a "Prohibition-themed casual evening with entertainment in a unique environment that celebrated Saskatchewan's heritage."

The EDAC Annual General Meeting took place the following morning, followed by a welcome address by Bruce Kirkby, award-winning explorer, writer and photographer. During the day's luncheon, keynote speaker Nicole Verkindt, founder of OMX, spoke about "Global Government Relations/ International Relations."

Afternoon breakout sessions were divided into two tracks, one focused on measuring the economic impact of tourism and "resident attraction when it's all about lifestyle" and the other on reinventing digital investment attraction.

Other sessions at the event focused on economic competitiveness, public/private collaboration for economic growth and prosperity, and "jumping the fence" to redefine artificial borders, looking at other advertising categories for inspiration and at marketing challenges with fresh eyes.

Finally, the Marketing Canada Awards Program showcased and celebrated best practices from across the country.

The conference was also the setting for the association's EDAC professional certification exams.

Throughout the year, EDAC promotes and advocates to government and other regional groups to enhance understanding of professional economic development practices. The association also works with universities to develop programming and skills to support members' professional development.

The association, which represents officials in municipal, regional, provincial and federal economic development offices (and associated suppliers and services), reflects the interests of government officials who spend much of their time connecting with both elected officials and private sector businesses to facilitate community economic growth.

B.C.'s North Peace region thrives with diversity, growth and exciting economic opportunities



Canadian Design and Construction Reporter special feature

The North Peace Region in the northeastern portion of British Columbia, along the Alaska Highway, comprises almost one quarter of the province's land area and is bisected by the Peace River.

Jennifer Moore, regional economic development officer, says with access to a great airport and rail service, the opportunities, infrastructure, and connectivity that businesses need is all there.

Additionally, she says the region produces 90 per cent of B.C.'s grain, 38 per cent of its hydroelectricity, contains one of the largest gas fields in North America with more than 20,000 wells drilled, employs nearly 2,500 forestry workers, and plays host to more than 300,000 leisure tourists each year.

Currently, the region is just one year into a 10-year \$8.3 billion hydroelectric dam project. This is the largest capital project the province of B.C. has ever undertaken, Moore says, and is expected to create more than 35,000 direct and indirect jobs over the next decade.

Moore, along with the North Peace Economic Development Commission (NPEDC), is working to build partnerships, attract investment and labour, and build well rounded communities. The NPEDC is mandated to "support, foster, and stimulate the North Peace Region as a significant and sustainable economic driver, through collaborative processes."

Moore says the region's incredibly diverse resource base, including metallurgic coal and a strong agricultural base, provides opportunities for young and old. With the region's average age just over 30 and one of the highest birth rates in the nation, the youthful and growing population has resulted in new school construction and a new

hospital in 2012 with a dedicated birthing centre and residential care facility.

"We have a growing demographic of young professionals, a thriving arts and cultural community, and despite the perception that living in the north means giving up lifestyle perks, we have many of the assets you would find in a more southern community."

Seniors are also a rapidly growing demographic, not necessarily because they are flocking to the region, but because they are choosing to stay. Moore says that "our senior population helped build this region. They are champions at supporting the local economy and there is a host of opportunities here for the services they will need to be able to stay and remain well in the community."

The region's population diversity is reflected in its housing. Whether people are looking for a single family home or a new condo nearer to the core, nothing is more than 10 minutes from downtown or the "beautiful wide open landscape of the countryside," she said. "There are small and large acreages readily available to meet every type of rural living dream. From larger centres to small communities and rural options the North Peace has it all."

"Yes, we are northern so yes, we have snow," Moore says. "But even when it is cold this the land of the big sky because the sun is always shining and there are ample things to do in our wide open spaces in every season."

Another aspect of northern life, beyond the snow, is the sense of community and innovation. "People here are all about helping their neighbour, about coming together to get things done. You've heard of many hands makes light work. Well, many brains come up with great ideas to get things done."

For more information about North Peace or NPEDC, visit <http://npedc.ca>.

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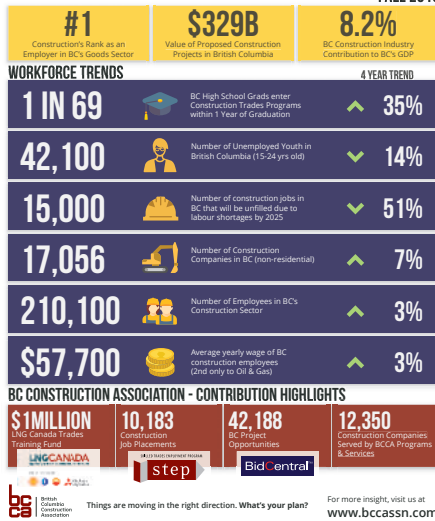
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BRITISH COLUMBIA

Skilled trades gap shrinks as more B.C. youth enter trades

The BC Construction Association (BCCA) has reported better than expected results in construction career interest for B.C.'s skilled workforce, in key figures released in October for the province's industrial, commercial, and institutional construction sector.

BC CONSTRUCTION STAT PACK FALL 2016



One of the biggest gains comes in the ratio of B.C. high school graduates entering construction trades training programs within one year of graduation. When the BCCA first began calculating this number in 2013 it estimated that one of 93 students went from Grade 12 into trades training. In 2016 that number has improved by 35 per cent to one of 69.

"Our youth are getting the message that the trades can be a very rewarding and lucrative career path," says BCCA president Manley McLachlan. "Even so, we would need one in 10 high school graduates to enter the trades in order to have enough skilled journey people for the jobs that are coming."

Earlier this year Buildforce Canada revised its estimate for B.C.'s skilled worker shortage to 15,000 by 2025, which is 51 per cent lower than its 2013 estimate of 30,500.

"It's very important to understand

that the main reason for the predicted skilled worker shortage is retirements," said McLachlan. "If liquefied natural gas projects go ahead, the gap gets even bigger. Do not make the mistake of disregarding the worker shortage because of lack of progress on the LNG side. The workforce pressure is on regardless."

Two thirds of B.C.'s construction workforce is over the age of 45. Construction is the largest employer in B.C.'s goods sector, with a total workforce of 210,000 in 2016.

B.C.'s unemployment rate for youth (those aged 15-24) has dropped 14 per cent since 2013.

"These trends are all positive, but it's important to recognize that 11.1 per cent youth unemployment means more than 42,000 young people would like to be employed but can't find jobs," says Chris Atchison, provincial manager of the Skilled Trades Employment Program (STEP). "When you compare that to the skills gap in our sector, the solution seems clear. But the problem is still a long way from being solved."

Construction pays an average annual wage of \$57,715, an increase of three per cent and second only to the average yearly wage in the oil and gas sector.

At 8.2 per cent of B.C.'s GDP and with an estimated \$329 billion in proposed projects, trends in the construction workforce have a big impact on the provincial economy.

For more information, see www.bccassn.com/stats.

Wood WORKS! BC awards B.C. local governments for leadership in wood use in community projects

Wood WORKS! BC has announced the winners of the 2016 Community Recognition Awards. The awards are presented annually to local governments that have been exemplary advocates for wood. This is demonstrated through the specification of wood in a community project or through visionary initiatives that work toward build-

ing a community culture of wood, according to a news release.

The 2016 recipients are:



AKBLG – Association of Kootenay Boundary Local Governments: City of Castlegar for the Celgar Pavilion (MERIT: City of Creston for the Rotary Pavilion)



NCLGA – North Central Local Government Association: City of Prince Rupert for the Prince Rupert Airport Terminal Building Upgrades and Expansion (MERIT: City of Fort St. John for the Fort St. John Passive House)

LMLGA – Lower Mainland Local Government Association: Village of Harrison Hot Springs for the Beach Washrooms Facility Upgrade (MERIT: City of Richmond for Mary's Barn)

Recipients of awards for Southern Interior Local Government Association and Vancouver Island Local Government Association will be announced at a later date.

"We congratulate these six local governments for their visionary initiatives which resulted in beautiful new wood structures that truly enhance their communities and streetscapes," said Wood WORKS! BC executive director Lynn Embury-Williams.

“Each and every winner and nominee showcases ingenuity with wood building and design while demonstrating that wood cost-effectively fits many types, sizes and applications of local government buildings—airports, pavilions, and community facilities included. These projects also connect us with the wood story of our province and contribute to community pride, especially when using local labour and wood products. By choosing wood as the primary building material, they are also helping secure prosperity for all of B.C. and the many communities which depend on forestry.”

“It’s noteworthy that many of the nominees made use of new and technologically advanced wood products and systems, which helped them achieve innovative and inspired buildings where people are happier at work and play,” she said. “Other benefits of wood include construction efficiency along with structural and environmental performance. With the surging interest in carbon footprint legislation and growing climate change aspirations from designers, owners and governments across the country, wood is poised to play a significant role in our future built environment to help us realize sustainability goals.”

Bob Cooke of Division 15 Mechanical elected as BC Construction Association chair



The British Columbia Construction Association (BCCA) says long time construction industry leader Bob Cooke has been elected as the association’s board chair for the 2016-17 term.

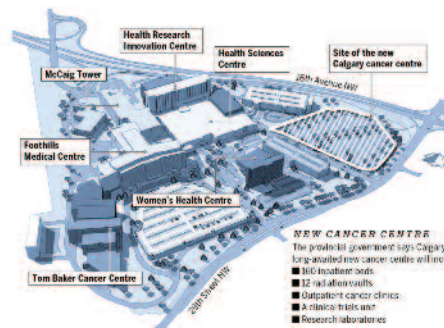
Based in Vancouver, Cooke is president and CEO of Division 15 Mechanical Ltd. and has been part of the province’s industrial and institutional construction sectors for more than 25 years.

He continues the work of outgoing chair Sue Zacharias of United Concrete and Gravel Ltd., advocating on behalf of B.C.’s industrial, commercial, and institutional construction employers, while addressing important challenges such as skills shortages and public procurement policies.

BCAA says he will focus on working with the province’s four regional construction associations, lead the search for its next president in 2017, and advocate on behalf of the construction sector at large, developing industry services such as the BidCentral platform.

“B.C.’s ICI construction sector is a leader in Canada,” Cooke said in a statement. “We’ve been first on digital procurement with BidCentral, first on a demand side skilled workforce program with the Skilled Trades Employment Program (STEP), and first to establish a regular dialogue with the provincial government through the deputy minister’s Industry Infrastructure Forum. I look forward to building on this legacy with our regional construction association partners.”

ALBERTA Calgary Cancer project closer to construction



Two companies have been selected to participate in a Request for Proposal (RFP) for the design and construction of the Calgary Cancer project.

Teams representing PCL Construction Management, Inc., and EllisDon Construction Services, Inc., will have six months to prepare their proposal packages. The successful one will be announced in the late spring of 2017. These groups were selected through a Request for Qualifications competition which closed Sept. 22.

Construction of the centre will take place from late 2017 through 2023 and will create hundreds of jobs. The centre is expected to open to the public in 2024.

“Our government is moving forward with the Calgary Cancer Centre as quickly as possible because we know it is needed to help people facing cancer, and their families. The RFP is the next important step in the development of this first class, healthcare facility and it reflects the serious commitment of our government to the people of Calgary.”

“We know how important the Calgary Cancer Centre project is to families and our frontline health workers. When it is done, we will be able to deliver comprehensive cancer care, education and research in Calgary and southern Alberta, and within the entire cancer care system in the province. This RFP means we are in a new phase and closer to getting shovels in the ground in 2017.”

The government also revealed the centre will include 160 inpatient beds; 12 new radiation vaults, with three spaces for future development; outpatient cancer clinics; a clinical trials unit and research laboratories, the Calgary Herald has reported.

Dr. Francois Belanger, Alberta Health Services’ acting chief medical officer of health, said the new centre will consolidate cancer care in one place while adding in facilities for “cutting-edge research” that includes clinical trials, “dry labs” for epidemiological work, “wet labs” for tissue work and health services research.

“This is a significant expansion,” he said.

EDMONTON

\$1 billion Yellowhead Trail overhaul set to proceed after provincial government commits \$242 million

Edmonton's Yellowhead Trail will proceed with a \$1 billion overhaul after the provincial government committed \$242 million to the project.

The city, federal government and the province will pay equal shares of the massive effort to streamline traffic and upgrade interchanges to turn the 25 kilometres running through Edmonton into a freeway, the Edmonton Journal reported. The city will also fund land acquisition.

The east-west road has two of Edmonton's most dangerous intersections, with an average 1,000 collisions a year on the route. There is also heavy truck traffic and congestion.

The provincial funding won't start until 2023, but the commitment is enough to start design work and land acquisition. Edmonton residents can expect construction to start in a few years. The whole project is expected to last 10 years, the newspaper reported.

"This will create 6,000 construction jobs, which we badly need right now," said mayor Don Iveson.

The 10-year project will eliminate eight intersections with traffic lights and more than a dozen access points without traffic signals, build new interchanges at 121 and 127 streets, modify three intersections and build several new collector roads.

Alberta infrastructure minister Brian Mason said the ability to contribute to later stages of the project was critical.

"It's sometimes difficult for us when the federal infrastructure programs require us to find new money to match when we've already increased our infrastructure spending and have allocated it," he said. "To find more on top of that is often challenging. The way we're dealing with that is to move the payments into the future."

SASKATCHEWAN

Famoso Neapolitan Pizzeria announces major Saskatchewan expansion

Famoso Neapolitan Pizzeria, based in Vancouver, has announced major expansion plans in Saskatchewan with the opening of three new locations in Regina and Lloydminster, joining the company's existing restaurant located in downtown Regina.

Currently, Famoso operates in 28 locations throughout British Columbia, Alberta, Saskatchewan and Ontario.

Regina building permits rise in October

Regina reported a significant increase in construction activity in October, with \$63.2 million in building permits, an increase of 67 per cent from \$37.8 million in October 2015.

The city data shows building permits were split evenly between non-residential and residential construction, with \$30.4 million in each category.

The Regina Leader-Post reports that single family dwellings led the way with \$12.3 million in permits issued in October, versus \$9.7 million for the same period last year. Apartment construction was up substantially, with two permits for 80 units valued at \$10.7 million issued in October, compared with zero during the same period in 2015.

On the non-residential side, commercial permits totalled \$23.7 million last month, versus \$3.3 million in October 2015.

Significant October permits included:

- \$10 million apartment complex on Dorothy St. in Normanview;
- \$1.3 million retail building in Harbour Landing;
- \$1.9 million in office space in the Greens on Gardiner; and
- a \$22.3 million permit for the International Trade Centre at Evraz Place.

Overall for the year to date, permits are slightly lower than 2015's first 10 months, with \$534.1 million this year

compared to \$595.4 million for the same period last year.

"This is a great sign that the confidence in our economy is continuing," said Regina mayor Michael Fougere. "That confidence is being put into action with families and developers investing in new homes. With space for 1,558 new households added to our city this year, it is clear Regina's growth plan is moving ahead."

Non-residential construction, however, is significantly behind last year's pace, with \$277.5 million in permits in the first 10 months versus \$399.4 million during the same period last year.

SASKATOON

Work starts on 220-room University of Saskatchewan hotel complex



Work has started on a 220-room complex with two separate hotels at the University of Saskatchewan's College Quarter development.

The university has partnered with College Hotels LP — a partnership between Saskatoon based P.R. Hotels Ltd. and Normandale Holdings Ltd.

"It took a lot longer than we originally thought just to put it together (but) the bottom line is we wanted to do it right," Jeff Krivoshen, chief operating officer for P.R. Hotels, lead developer on the combined Holiday Inn Express and Staybridge Suites, said at the ground breaking ceremony in October.

"At the end of the day, this is just some farmland in the middle of the city, so to get it through subdivision and whatnot (takes time)," he said, adding that the project is expected to be profitable despite a recent influx of

hotel rooms in the city, the Saskatoon StarPhoenix reported.

Work on the nine-storey building — the second major private commercial development on university lands, after Preston Crossing — was originally scheduled to begin in mid-2014, but has been delayed several times.

General contractor Meridian Development Corp. is expected to complete the hotel by April 2018.

MANITOBA

Fortress selects EllisDon as builder for SkyCity Centre Winnipeg



Fortress Real Developments says it has awarded EllisDon the contract to build the 45-storey mixed-use SkyCity Centre, a condo and office tower in downtown Winnipeg. When completed, it will be Manitoba's tallest building.

"When we launched this project we knew we had to work with one of the best to build it. EllisDon was at the top of our list knowing their capacity, expertise and track record," Fortress chief operating officer Vince Petrozza said in a statement. "We have worked with them in other markets and believe they are the right team to bring this iconic tower to life."

"EllisDon is thrilled to be joining the SkyCity team. Fortress and Kirkor Architects have designed a striking tower, and we are excited to bring our vast experience to this signature building in downtown Winnipeg," said EllisDon vice president Jamie Whaley.

SkyCity obtained excavation permits in early 2016 and began working towards construction drawings. The

development team has been working closely with the builder to remain on track to start construction in the spring of 2017.

ONTARIO

GREATER TORONTO AREA Ground breaking: Leducor general contractor for \$90 million Pearson Airport hangar



Leducor will be the general contractor for a new \$90 million Air Canada hangar at Toronto Pearson Airport, which broke ground in September.

"Once complete, the new hangar will cover an area equal to seven professional hockey rinks in a state-of-the-art facility capable of accommodating five aircraft at one time," Air Canada noted in a media advisory.

OTTAWA

PCL and Cuhaci/Diamond Schmitt receive "single source" contracts for \$44.9 million Algonquin College indigenous/entrepreneurship centre

Algonquin College says it granted what it describes as "single source" contracts to architects Cuhaci/Diamond Schmitt and contractor PCL Construction to build the \$44.9 million Innovation, Entrepreneurship and Learning Centre and Institute for Indigenous Entrepreneurship (IELCII) be-

cause of extremely short timelines in funding approvals, and successful relationships with the designers and builder on earlier projects.

The project, made possible after the federal government agreed to contribute \$21.9 million through the Federal Post-Secondary Institution Strategic Investment Fund, should be completed within the next two years. The college is contributing \$20.1 million of its own resources, while the provincial government is adding \$2.9 million.

"It was a matter of urgency of timing that led to our need to single source to meet the occupancy deadline attached to the funding," said Todd Schonewille, Algonquin's director, physical resources, after the official announcement in October. "Our previous selection of these firms through a public process gives us confidence of them being able to meet our needs while being able to provide their respective services at a competitive value."



Schonewille said the selected firms were either on the college's Vendor of Record list or prequalified through previous publicly procured projects at the college, and college administrators invited the two organizations to submit proposals in the summer, without them having knowledge of the budget. The resulting proposals were in line with expectations and costs for similar work elsewhere, he said.

He said the college was impressed with Cuhaci/Diamond Schmitt's work on the Algonquin Centre for Construction Excellence (ACCE) building, constructed by EllisDon. Conversely, PCL built the Student Commons building, designed by IBI Group.

The college says the project will allow it to expand its Applied Research and Innovation Program, providing assistance to small and medium sized enterprises in Ottawa. There will be improved resources and space to offer students new certifications in sectors including cyber security.

The IELCII will be the first of its kind in Ontario, providing indigenous students and alumni with access to resources and mentorship to start or grow their own businesses. Its funding application said 1,000 Aboriginal students attend the college each year, with almost 50 Aboriginal students registered in its School of Business this past academic year.

"We prefer to use the term 'single source' instead (of) sole source," Schonewille said. "Sole sourcing is typically referred to when a selected vendor is THE ONLY (his emphasis) vendor that could provide a particular service or product. Single source is typically used when a specific vendor is selected to provide a service that could also be provided by others."

QUEBEC

WinDoor 2016 moves to Montreal



The annual WinDoor fenestration industry trade show took place in Montreal for the first time Nov. 15 to 17.

The show in Old Montreal included networking, exhibits, and educational programs co-ordinated by the Zzeem association management team, says Fenestration Canada national president Allan Doyle.

Fenestration Canada is producing a series of presentations on various topics that are of current interest to the window and door market, Doyle said. The first presentation on the North American Fenestration Standard (NAFS) and the Canadian supplement was presented to a group of building

inspectors in New Brunswick. "These supplements are designed to allow our members to make presentations in a professional manner with content that is created and approved by Fenestration Canada's technical experts," he said.

Construction of \$115 million Carré Saint-Laurent begins in Montreal



Construction has started for Carré Saint-Laurent, a \$115 million mixed-use development that the developers say will revitalize the intersection of Montreal's two traditional main streets, Saint-Laurent and Sainte-Catherine.

The 25,000 sq. m. Societe de Developpement Angus (SDA) project will be home to offices, buildings and cultural organizations (phase 1) as well as a residential component (phase 2).

There will be a 15-metre tall retail podium stretching from the Monument-National to Rue Saint-Catherine, framing the Café Cléopâtre, along with a 38-metre tall southern cluster.

The entire southern cluster, some 14,000 sq. m. spread over the top eight floors, will be occupied by Quebec government offices, and there will be a 175-spot, three level underground garage.

The development is being planned to achieve LEED-CS certification.

Two buildings on the northern and southern sections of the site will be demolished in the weeks ahead. The southern facade will be dismantled and stored.

SDA's partners for this project are

Provencher-Roy (architects), Pomerleau (general contractor), SNC-Lavalin (structural and civil engineering), and SMI-Enerpro (mechanical and electrical).

NEW BRUNSWICK

Fredericton's 'sexiest' building still in engineering and design phase

Developer Jeff Yerxa says there is much work to be done before what he describes as Fredericton's "sexiest" building begins construction.

The president and CEO of Ross Ventures said the building is still in the engineering and design phase and plans haven't been sent to the city's planning and advisory committee for approval.

"We want to make sure that we do it right ... and that we build something that everybody can be really happy with the end result," Yerxa told the Canadian Broadcasting Corporation.



CBC reports that the new building was announced at the end of September when council approved the sale of the parking garage at Brunswick and Carleton streets to Ross Ventures for \$1.85 million — \$1 million less than its assessed value.

Building renderings show a five-storey glass building for commercial and retail space on the site next to the parking garage.

Ross Ventures Ltd., owns the land and the building that sits on it now. Yerxa said that building will be torn down to make way for the new construction.

According to the purchase and sale agreement between the city and Ross Ventures, construction must begin by 2019. Yerxa said it will begin long before that.

NOVA SCOTIA

Nova Scotia approves Project Labour Agreements for megaprojects

Developers of large construction projects of \$2 billion or more in Nova Scotia, including two proposed liquefied natural gas projects, would be allowed to enter into specific agreements to ensure there are no labour work stoppages or lockouts under legislation introduced in October.

Amendments to the Construction Projects Labour-Management Relations Act would allow developers of two proposed liquefied natural gas projects the option to enter into such agreements, CBC reports.

Labour minister Kelly Regan said the intent of the change is to encourage the future development of so-called mega-industrial construction projects in the province.

"The current act is more than 40 years old," Regan said. "The department was asked by industry, and that's employer and union organizations together, to look at the act and make some revisions."

The legislation also would provide a mechanism through the Labour Board to resolve any issues that arise under the act.

Brad Smith, executive director of Mainland Nova Scotia Building Trades, said unionized building trades believe having a project labour agreement in place is important.

Smith, whose organization represents roughly 11,000 industrial construction workers, said these types of project labour agreements are common across the country and help ensure job stability.

"A lot of our workers on a regular basis work on these types of projects across the country and ... we are just trying to do what's being done in the rest of the country," Smith said.

HALIFAX

Bryony House receives first funding commitment

The governments of Canada and Nova Scotia say they are investing in

the replacement of Bryony House, a 24-bed shelter for women and children who are victims of domestic violence. As much as \$3 million will be committed for the construction of a new building that can better meet the needs of families.

In August 2016, the federal and provincial governments announced investments in affordable housing under Federal Budget 2016, which included support for victims of domestic violence. Housing Nova Scotia will invest \$5.2 million in federal funding to support the construction and renovation of shelters for victims of domestic violence and transition houses.

PRINCE EDWARD ISLAND

Canada Mortgage and Housing Corporation (CMHC) has released its *Housing Market Insight* (HMI) report about the impact of international migration on Charlottetown's housing market.

Prince Edward Island (PEI) has been the only province in Atlantic Canada to report continuous population growth in the past decade, with an average of 1,560 international migrants moving to the island each year. International migration has been driving population growth in the province, with Charlottetown being the preferred area for new international migrants. While rental housing has traditionally been the preferred choice of newcomers, international migrants are now making different housing choices, prompting record level MLS sales in 2016 and demand for new residential construction

Report highlights include:

- International migration has boosted the population of PEI for the last ten years but has also coincided with rising outmigration;
- Housing demand has grown quickly as more international migrants are moving to and staying on the island;
- Rising levels of international migration and a slow expansion of the stock of rental housing has led some newcomers to choose other

housing options, such as the resale market; and

- Charlottetown will need residential construction to grow in the near term to meet this growing demand.

International migration greatly influenced the pace of construction for rental apartment units in Charlottetown over the years. However, the cancellation of the Provincial Nominee Program in 2011 saw migration levels fall and outmigration rise, and subsequently led to a significant rise in the vacancy rate in 2013.

While migration quickly returned to PEI with the introduction of the revised Provincial Nominee Program in 2014, it has not been met with the same increase in construction activity as previously. Newcomers are now looking at the resale market, and even beyond Charlottetown, because of an insufficient supply of houses in the area.

NEWFOUNDLAND AND LABRADOR

The federal government is providing another \$2.9 billion in loan guarantees for the Muskrat Falls hydroelectric project – a move Newfoundland and Labrador's premier says will slightly ease power bills that are expected to soar, Canadian Press (CP) reports.

"It is a good day," Dwight Ball said after Natural Resources minister Jim Carr announced the loan extension in the House of Commons on Nov. 3.

"Any time you get an opportunity to actually save a project over \$1 billion, and can put that back to help offset rates, that's always good for the province," CP quoted Ball as saying.

The announcement extends the Muskrat Falls loan guarantee first affirmed by former prime minister Stephen Harper in 2012. Among other conditions, it requires that partners in both Nova Scotia and Newfoundland and Labrador remain committed to the project.

Carr said Ottawa is issuing the guarantee on the portion of the project led by provincial Crown corporation Nalcor Energy. Specific conditions will

be negotiated with the province and Nalcor, and will include a guarantee fee of 0.5 per cent above the federal rate.

"Costs on the Lower Churchill project were mismanaged by former Conservative governments, putting Newfoundland and Labrador at financial risk," Carr told the Commons. "Today's decision means we will con-

tribute to our climate change goals and Atlantic Canada's future energy needs."

Estimated costs for the Muskrat Falls dam and power house now under construction near Happy Valley-Goose Bay have soared to \$11.4 billion with financing. That's an increase from \$7.7 billion when the former Progressive Conservative government sanctioned

the project in 2012.

The joint venture between Nalcor and Nova Scotia utility company Emera will generate up to 824 megawatts of electricity. Power will be brought from Labrador to the island of Newfoundland and on to Nova Scotia through subsea links and a vast overland transmission network.

Dave Filipchuk becomes PCL's new president and CEO

Canadian Design and Construction Report staff writer

PCL has announced that Dave Filipchuk has taken the helm as the corporate group's president and chief executive officer. Paul Douglas, meanwhile, has become the business's board chair.

Filipchuk is PCL's eighth president in the company's 110-year history. He previously was the deputy CEO, and before that was president and chief operating officer (COO), Canadian and Australian Operations, with responsibility for the performance of PCL's Buildings and Civil Infrastructure divisions.

Filipchuk has a BSc degree in civil engineering from the University of Alberta and attended the Ivey Executive program at the University of Western Ontario. He is Gold Seal certified and a member of APEGA. Filipchuk has been with PCL for 32 years and possesses a wealth of knowledge of both the company and the construction industry, having lived and worked in both Canada and the United States in PCL's buildings and civil infrastructure sectors.

"I am extremely proud and excited to assume the position of president and CEO at PCL," Filipchuk said in a statement. "Guiding a company with such a storied and successful history is an opportunity I look forward to enjoying well into the future. I would like to thank Paul Douglas for his tireless work and dedication in leading PCL for the past seven years, and

I congratulate him on an amazing career in construction and on his new role with our company."

Douglas assumes the role of chairman with PCL Construction's board of directors.



"Succession planning is all about having the right people in the right place at the right time," said Douglas in talking about handing over the reins to Filipchuk. "We take succession seriously at all levels of our organization and make sure an appropriate amount of time is provided for a seamless transition to preserve continuity in our business. Dave Filipchuk has my, and the entire board of directors', full support in officially becoming the eighth CEO of this great company."

PCL says in its statement that during his 31 years with PCL, and apart from leading PCL to some of its most successful years to date, Douglas has received numerous accolades.

Among those are recognition as Alberta's 2015 Business Person of the Year and inclusion on the list of Alberta's 50 Most Influential People for the past two years.

Employee owned PCL is a group of independent construction companies that carries out work across Canada, the United States, the Caribbean, and in Australia. These diverse operations in the civil infrastructure, heavy industrial, and buildings markets are supported by a strategic presence in 31 major centres. Together, these companies have an annual construction volume of \$8.5 billion, making PCL the largest contracting organization in Canada

and one of the largest in North America. The corporate headquarters are in Edmonton.

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Build Together provides supports and mentors for women in the skilled construction trades

*Canadian Design and Construction Report
special feature*

A national program of Canada's Building Trades Unions (CBTU), Build Together, Women of the Building Trades, promotes, supports and mentors women in the skilled construction trades. Its goals include continuing to challenge and debunk myths and stereotypes about women in the trades, while providing awareness

and exposure to trades careers

Lindsay Amundsen, director of program development and operations, says her role with CBTU began in 2010 with a focus on workforce development. "With an aging workforce with many people nearing retirement I was focused on recruitment and retention and began looking at various groups, including women and other underrepresented groups, to understand the challenges and issues."

She says when she started to connect with tradeswomen and heard about their stories and shared experiences, she began working together with them to collaborate with existing programming and share ideas on ways to address some of the barriers and retention issues within industry across the country. That work included co-ordinating efforts with 14 national construction unions to develop and implement new strategies focused on recruitment and long-term employment barriers. The result has been the Build Together, Women of the Building Trades program.

Involving tradeswomen from apprentices to journeypersons from coast to coast, the program initially began with awareness including public speaking. Amundsen received feedback. Then, about a year ago, the conversation shifted to a deeper concentration on workplace culture and respect in the workplace.

"With only about four per cent of the industry being women, isolation is a key issue," she said. "While educating parents and students is part of changing that, the other thing that needs to change is respect in the workplace, regardless of gender."

She says Build Together is launching an industry champion program to support workplace respect, through an industry pledge, as well as presentations and teaching tools.

Amundsen says the program will also enhance mentorship coast to coast, regardless of geography. "We're looking at Newfoundland's Office to Advance Women Apprentices (OAWA) as a model for best practices based on the incredible work they're doing there."

Among its efforts, OAWA tracks women in trades careers, and builds relationships, supporting both women and their employers. "The program helps to ensure respectful workplaces and tracks tradeswomen throughout





their apprenticeship to ensure they obtain their journey-person status.”

Across the country, she says B.C. has committed to investing \$400,000 to study the concept there as well.

Amundsen says overall the industry seems receptive to change, adding that to be successful it must come both from the top down, including proper reporting, accountability and formalized mentorship programs, and from the bottom up, including respect and awareness.

CBTU encompasses 14 national construction unions and more than 500,000 tradespeople in more than 60 different trades from coast to coast.

For more information about Build Together, visit <http://buildtogether.ca>. For more information about CBTU, visit <http://buildingtrades.ca>.

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Sandra Allard: 160 ft. in the air, she has positive view as a tower crane operator

Canadian Design and Construction Report special feature

Sandra Allard discovered the construction industry by cleaning suites pre-occupancy for a construction company. Today she is a tower crane operator with Seagate Structures.

"I had the chance to do small carpentry jobs while working as a cleaner which made me realize I enjoyed working with tools," she said. "I went on to complete three years of school to be a carpenter. Getting exposure onsite to a variety of equipment, I quickly realized my passion is inclined more towards heavy machinery."



Allard says when she started in the industry 10 years ago, she was generally the only woman on the jobsite. Luckily though she says she has always worked with great men who never let gender hold her back from doing any of the job specific tasks. "I think that as long as you show up to work with a positive attitude, and do your job well, you will gain respect from those around you. I am pleased to say that nowadays, there are numerous women in the trades, and I work with three amazing ladies on my crew."

As a female tower crane operator, she says there are logistical issues men may not encounter. "You are expected to stay up in a 160 ft. tower for up to 12 hours a day, so you must eat well, and find a good system for peeing."

She says she quickly learned to drink just enough water to stay hydrated because coming down is rarely an option. Being conscious of what she eats and drinks, combined with the extreme heat in the summer months is a challenge.

Despite this, she says being a woman in construction is wonderful. "We are generally great multi-taskers and can organize easily. When I am on the ground it is very physically demanding, so there is no need for a gym membership."

Allard says Seagate owner Ralph Austin, has been a great mentor and role model. "He is the hardest working person I have ever met and at the age of 61, can still stand walls faster than anyone, bikes from Vancouver to Whistler every year, and does it all with a smile. He is an inspiration to all of us, but to me especially. He is willing to help financially with all of my tickets and upgrading of skills. I wouldn't be where I am today without him."

She says she would definitely recommend construction for any woman. "Carpentry is a fantastic mix of brain and brawn, but for those who are looking for something a bit less physical, there are so many trades to choose from. I don't know of any other female tower crane operators yet, but I'm sure there are some out there."

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Sarah Breau succeeds as carpentry foreman after learning both trade and construction site interpersonal skills

Canadian Design and Construction Report special feature

Sarah Breau never imagined she would find a career in the trades. However, a move to Alberta and an introduction to apprenticeship changed that. Today she is a carpentry foreman with Seagate Structures.

Breau says she had initially pursued a career in graphic design and publishing. At a meeting with a temporary labour agency when she moved to Banff and was looking for work, she was convinced to try for work on a construction site.

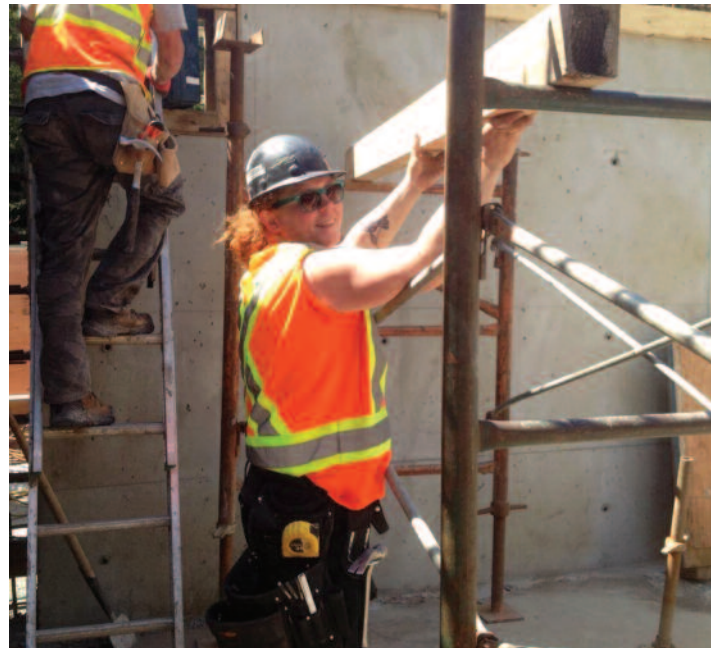


Moving back to B.C., she got work in a few short-term construction roles and then was hired by a company who agreed to take her on as an apprentice carpenter. "I never looked back."

Early on, she says she felt she needed to be better educated for employers to take her seriously as a woman in the industry so she got her first aid ticket. "My boss, Stan Holbrook, was one of the first people to take me seriously in my career and understood I was capable. He made me his right hand woman."

She spent the next several years learning her craft, "working during the leaky condo crisis doing rot repair in Vancouver and then building forms in the blistering cold in Northern Alberta during lucrative oil boom times."

Breau says she was hired by Seagate as a framer. Initially challenged and concerned about the pace, she says she kept up, succeeded, and progressed in her career. "A



foreman of mine took notice that I cared and worked well and with time I moved up the ladder and started running a few people and that led me to where I am today."

It has always been apparent to her, she says, that women are rare in the industry. The few women she encounters have always stuck out and she says she has become good friends with many that she has worked with. "In the time I've been in construction the number of women has risen but I still have people saying to me, "I've never seen a woman framer." Or another random comment about not a lot of women this industry."

She says it is challenging to be able to lead teams, and to draw on her knowledge about blueprints and carpentry to be able to answer questions from her colleagues.

However, she has been fortunate to have been on crews with good people and that has been key to her progress.

Breau says she enjoys transforming blueprints into reality and being able to step back at the end of each day to see physical evidence of what she has done. "I was proud to achieve my Red Seal in carpentry and last year had an incredible opportunity to work for Seagate in Whistler."

She says she would absolutely recommend this as a career to any woman, particularly if they enjoy being outdoors. "It's great to work physically hard every day and we need more kick-ass women in the construction industry."

Based on her own experience, she says women must understand that there are a lot of strong personalities in the industry and that can translate to people being hard to deal with. "It's gotten better but you're going to meet a lot of jerks along the way. Don't let that bring you down, there's lots of great crews out there."

Jenna Asuncion leads team as VictorEric project co-ordinator

Canadian Design and Construction Report special feature

Jenna Asuncion began studying interior design at British Columbia Institute of Technology after friends and family noted her interest and ability. Today she is a construction project co-ordinator with VictorEric.

Asuncion joined the company in a junior project co-ordinator role, at a time that she says she had "little to no knowledge about the world of construction."

Though she says it was initially scary and overwhelming, she wanted to prove that she could succeed. "I spent most hours during the day on site learning as much as I could alongside our construction manager."

She says there have been times she felt belittled or ignored because of gender. Where issues did arise, she says her employer encouraged her to speak out to ensure such instances were resolved appropriately.

These situations are not the norm though as she has been recognized with multiple awards through the company for leadership, her success as part of a team for beating milestones and her extra effort.

"I would have to say my greatest accomplishment is having my peers award me the 2016 Extra Mile Award 'for going above and beyond, time and time again to ensure



things are done in excellence'."

That extra effort has been a challenge. She says balancing the stress of work, not carrying more than her weight and remembering to take care of herself on busy days can be difficult.

She says her training as an interior designer makes her uniquely equipped to head off design related construction problems and to help select replacement finishes when needed.

Asuncion says she enjoys that every project is different, and there is always something new to learn.

She says she believes that women bring a different kind of energy to the site/projects. "I'd like to think we tend to have a caring and nurturing demeanor that is translated through our projects and the experience that we deliver. After all is said and done, when we've worked through all the challenges, I enjoy seeing our client's revel in their dream homes."

Collaborating on custom home designs can be stressful for homebuyers, she says. Women tend to be more sensitive to the stress's impact on relationships, with more creative ideas about how to support clients through the difficulties and uncertainties during the construction process.

"It's in our nature to constantly be scanning the environment to find ways to help one another and to make our team look good," she said. "We are accustomed to keeping multiple balls in the air with a smile on our faces. Working day and night to ensure no detail goes unattended is just how we roll."



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Continued on page 37

Jacqueline Hung combines education and experience for diversity of clients

Canadian Design and Construction Report special feature

Growing up watching her father, a project manager in Hong Kong, Jacqueline Hung says construction is in her blood. Today she is senior project co-ordinator with VictorEric.

Hung studied at British Columbia Institute of Technology (BCIT), first taking interior design and then moved into the CAD program. She then completed a civil drafting certificate at Vancouver Community College (VCC).

A starting receptionist position with VictorEric led to her current role. She says the company trained her in the additional skills she needed to become a building and interior design technician, including drafting, design and estimating. "After six years, the company expanded to become a design and build company, so I moved to the construction department and became a project co-ordinator."

A few years later, she was promoted to her current role.

Today, Hung manages her responsibilities as the mother of two small children, with her work as senior project co-ordinator and her own initiative to promote the company through social media.

"To be able to solve problems and keep projects moving, keeping a smile on the client's faces is a great accomplishment. To be able to manage my own time schedule, to make sure I get a balance between my job and my family with two kids is my greatest accomplishment."

Hung says she enjoys her challenging and diverse roles. "I enjoy every single bit of my work, my co-workers, my clients, environments, even the stresses too. Of course, the most enjoyable part is when you see the finished product, from paper to real life and the smile on the client's faces. You can never forget that sense of pride and level of satisfaction."

Though she says in the early days her greatest challenge was learning and perfecting her English, she has turned that into a positive. She provides translation for the firm's Mandarin and Cantonese speaking clients.

She was also challenged early in her career by people who judged her as a woman in the industry. "I've had times when clients and trades ignored me when I tried to say things because I am a woman, and they didn't think my comments would add value to the conversation."

Over time, she says she has come to believe that it's now how people behave that matters and about how people look at themselves. "The people who refused to listen to me lost out and suffered the consequences. The more I stood up for myself, the more my confidence levels increased."



She says often women care about a client's needs in a different way than men. She says women tend to listen to the subtleties in a client's communication and focus more closely on details during construction, especially at the finishing stages of custom home building. "We know that it's the little things that matter and will be remembered."

Within VictorEric's family company culture, she says she has felt protected and supported by colleagues and rewarded for her efforts.

Hung says she would recommend this as a career to other women. Her advice is to be caring, and to utilize any ability to multi-task. "The ability to be resourceful and think through complex, complicated, emotionally charged situations are gifts

many women possess."

Using these natural talents, she says, allows women to add a great value to the work men do in this industry, supporting a team that excels at every project.

She says she is lucky to have been encouraged to grow and develop over the past 12 years at VictorEric and that she has learned and grown every single day. "My advice to a young person starting out in this field is to be yourself. Keep trying new things. Stay out of your comfort zone."

She says periodic pain is a sign of growth and reaching for more. The more mistakes you make, she says, the more you learn. "After a while, you will notice, you are becoming an experienced, wise, unbreakable person."

Hung says through her own experience she has also come to understand that education is important, but learning through experience is a gift. "Even if you can't afford a good education it doesn't mean that you can't do anything. Keep trying things and learn from those around you and from making mistakes."

Jenna Asuncion (continued)

Asuncion says she is fortunate to be able to say that she loves her career. She recommends it to any woman who enjoys a fast paced environment, works best under pressure, and enjoys a good challenge every now and then. "My advice would be to find a company or firm that's in alignment with your values. If you love the projects and the people, then it will show in your performance."

She advises young people entering the field to be prepared to make mistakes. "Nothing in construction is perfect; including people, yourself especially. I was really hard on myself at the beginning, to the point where I'd be a stress ball and make myself ill if a client was unhappy, or a project was behind schedule/over budget."

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Helmets to Hardhats builds on military/construction skills and co-operation between employers, unions, and governments

The story behind the initiative: Co-operation and co-ordination create foundation for ongoing achievements

Canadian Design and Construction Report staff writer

Helmets to Hardhats (H2H) provides an opportunity for anyone who has served or is currently serving in the Canadian Forces to transition into a civilian career in 14 construction unions representing more than 60 different trades, through specifically focused programs.

The program recognizes soldiers may have equivalent construction related skills or qualifications from their military experience, and allows participants to accelerate or bypass conventional apprenticeship requirements.

H2H chairman Joseph Maloney helped found the U.S. Helmets to Hardhats program in 2003, on which the Canadian organization was modelled, when he was secretary-treasurer of the Building and Construction Trades Department of the AFL-CIO (American Federation of Labor and Congress of Industrial Organizations). In the U.S., he says, a key driver of the program was a shortage of construction workers in the early 2000s, a challenge that similarly affects Canada with the growing shortage of skilled labour.

As is often the case, the biggest challenge in getting the program off the ground was money. A meeting with Democratic congressman John Murtha, himself a Vietnam veteran, provided the financial kick-start that was needed.

Continued on page 42





"The program was for returning veterans (honourably discharged) in all of the armed services: army, air force, navy, marines and national guardsmen," Maloney said. "We asked them to contact H2H, tell us when they were returning, where they wanted to live and what trade they would be interested in."

Maloney says H2H connects veterans with relevant unions and reviews any prior training. The union then determines if the veterans would fit into a first, second or third year apprentice post or if they could move directly to journeyman status. "Most military personnel have construction industry experience so the fit was easy. These folks generally had grade 12, were drug free, had a good work ethic and computer skills."

Once the program started getting traction, he says all of the trades and employers got on board. Almost all states in the U.S. have since made statewide executive orders to allow veterans to jump the queue to start apprenticeship programs.

The program has been expanded to all 50 states. "More and more employers have jumped on the bandwagon as they saw how much help returning veterans could give to their companies. These are people with leadership skills and frequently have training in the building trades. They've proven to be excellent employees and a big help to the industry."

When Maloney returned to Canada, he designed a Canadian version of the program for the Building Trades department, which kicked off in 2012.

Again, he says, the biggest challenge proved to be funding. "We spent three or four years lobbying everyone at every level but no one would make a commitment to support the program. Then, one day, I was on a plane to Saskatoon and found myself sitting beside (former NDP leader) Jack Layton."

Though Layton knew nothing about the program he was curious and a few days later, Maloney met with Layton, his veterans' affairs critic and some staff in Ottawa. "At the end of the meeting, Jack told me he got along very well with Prime Minister Stephen Harper in private, and that he was going to have a meeting with him very soon. Jack promised he would bring Helmets to Hardhats up."

H2H became part of the Conservatives' next budget. Maloney says the \$150,000 initially committed was small but once the federal government was on board, others followed. "Provincial governments in Alberta, Ontario and New Brunswick joined after the federal contribution. That started the ball rolling."

"But I have to give credit where credit is due. The only

Continued on page 44

The Quebec Provincial Building and Construction Trades Council is proud to partner with the **HELMETS TO HARDHATS** program and we are extremely thankful to all serving members of the Canadian Armed Forces.

Le Conseil provincial du Québec des métiers de la construction est fier de soutenir le programme **DU RÉGIMENT AUX BÂTIMENTS** et est très reconnaissant envers tous ceux et celles qui ont servi et qui continuent à servir dans les Forces armées canadiennes.

Conseil Provincial Inter national Construction

HELMETS TO HARDHATS
DU RÉGIMENT AUX BÂTIMENTS

Helmets to Hardhats advocates for Canadian GI Bill, among other initiatives to support veterans' career transitions

Canadian Design and Construction Report special feature

Established in Canada in 2007, Helmets to Hardhats (H2H) is expanding awareness across the country through new initiatives, expanded programs and outreach to support Canada's military veterans, their spouses, and their offspring. The organization's focus for 2017: A Canadian GI Bill.

Greg Matte, retired brigadier-general and H2H's executive director, says the U.S. has had similar legislation since Franklin Roosevelt signed it into law in 1944. Its purpose is to assist anyone who served in the military with a subsidy to help upgrade their education or employment training so they can return to gainful and productive employment once they leave military service. Canada does not have equivalent legislation.

"We had an excellent program after WWII for a few years, and then a modified program was introduced after the Korean War," says Matte. "Then came health care and unemployment insurance and the expansion of the general social safety net, thereby reducing the need for focused assistance for vets other than those injured in the line of duty. However, for the majority of vets who leave the military healthy and fit for a new career, there is little assistance for re-training or furthering one's education. Not only do they not qualify for EI, since they're considered to have left voluntarily, their situation was exacerbated by the discontinuation of severance pay, a change introduced under the Harper government."

He says today veterans leave the military and must balance the challenge of finding and training for new work with that of supporting their families. Matte and H2H have been lobbying the federal government to legislate a new Canadian GI Bill, one that will provide both a subsidy for education and training so veterans can find their role within their new civilian lives, plus a living allowance so they can continue to support their families while they do so.

"In Ottawa alone there were more than 850 homeless veterans living on the streets. Many are too proud to ask for help and many simply accept this as their new fate. It isn't right."

Matte says Trudeau has already spoken about an interest in supporting veterans and he is hopeful that movement on a new Canadian GI Bill will happen in 2017. If H2H's success with other initiatives is any predictor, that hope is likely to become reality.

Beginning in 2015, H2H turned its focus to the issue of commercial driver's licences for veterans. "In the military, there is a strict protocol for training and testing, that allows military personnel to drive a number of vehicles, including large, commercial-class vehicles, on Canadian roadways. Once they leave the military however, that training and license was not recognized."



The result was highly qualified veterans having to start from square one with training and licence wait times when they wanted to pursue careers as truck drivers or in fields that required higher commercial licences. Working with the Canadian Council of Motor Transport Administrators, H2H has been able to achieve recognition of a military licence with an equivalent commercial class in 12 of the 13 provincial and territorial licensing jurisdictions.

"Today a veteran with a high grade military vehicle licence can walk into virtually any motor vehicle office and on the spot, be granted an equivalent commercial grade licence to allow them to start working or seeking work immediately. Nunavut is the last jurisdiction to go and they're actively working on it."

In working to secure this, Matte and his team have been working closely with provincial governments across the country, along the way raising awareness about H2H, the building trade unions and their contractors who are supporters, and in general, for the opportunity trades provide. That effort could in turn shed light on another H2H initiative that has recently expanded: Teens to Trades.

Begun three years ago, Teens to Trades was initially a program focused on military reservists, often high school, college or university students who, through the program

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reason Helmets to Hardhats took off in this country is because Jack Layton supported us behind the scenes. He was instrumental in talking to Harper and getting him to support our program.”

Today, in Canada, H2H gives former military personnel a chance to get started in a good civilian career after they are discharged from the armed forces. Veterans can connect through H2H’s website, or any building trades union local to get started in the program.

“And H2H helps in areas other than construction. If someone has learned computer programming in the armed forces, we’ll help them get a job in that field to the best of our ability.”

Program components include outreach, intake and placement. Maloney says the ideal time to connect is when veterans are nearing discharge time. Through questionnaires on the H2H website, skills and level of training in various areas is assessed.

“Then we work with our local unions and their apprenticeship co-ordinators to place them in our apprenticeship programs,” Mal-

oney said. “Depending on their skills and training, they might end up in year one or year four of an apprenticeship. Or they might be able to start right away as a journey person.”

H2H also works to raise its profile among businesses, through promotional and fundraising initiatives. “After our \$150,000 of seed money, we have never received any further federal government funding. We’re now entirely privately funded, and that’s the way we want to keep it. So in addition to the help we get from our member unions, we’re always looking to bring business onto our team.”

Maloney says H2H recognizes the challenges former military personnel can face returning to civilian life and this is just one way to give back. “Our veterans are the backbone of our country. They’re ready to sacrifice themselves for us every day they’re on duty. For what these brave woman and men do for us, I’ve always thought this is the right thing to do for them.”

For more information, on Helmets to Hardhats, visit <http://www.helmetstohardhats.ca>.



Continued from page 43

could be connected with unions and apprenticeships as a future career path. “Many of the building trade unions are very proud of their members who are veterans and, through a dedicated charter, actively support members who serve.”

Matte says this charter, applicable to all part-time military personnel, protects their role within the union if they are away for training or any kind of military duty. “Whatever service function they are called away for, they can return to their apprenticeship right where they left off. Or, they return with the same level of seniority they had when they left. They are not penalized for service.”

He says while some companies say they provide this same kind of support, here it is documented and adhered to.

Teens to Trades is also intended to address an attrition challenge within the military reserves. Matte says more than 40 per cent of reservists leave within the first five years, often because they cannot find employment where they live and so must relocate, leaving their military careers behind. By connecting these young people with a means for a complementary career where they are, the hope is that they will both find the employment opportunity they seek, and have the opportunity to continue with their military career.

The Teens to Trades program was also expanded in 2016 to include dependent children of military veterans, aged 18 through 25. As a self-proclaimed military brat himself, Matte says he knows firsthand the challenges military children may face after a lifetime of upheaval and moving from school to school. Through Teens to Trades, these young people find a hub and spoke system that can direct and connect them with local unions and opportunities.

Matte says the opportunity the building trade unions provide to former vets is significant and immeasurable. “When veterans leave the military, they leave behind a support structure, a culture. The building trades union is a brotherhood that replicates this in many ways, providing them a secure and supportive space to begin their new civilian lives.”



Chris Milne

- < Proud veteran of the Canadian Armed Forces
- > Proud member of Boilermakers Lodge 191

Canada's Boilermakers:



Proud to support our troops after their service through Helmets to Hardhats

Of all the challenges the men and women who serve our country in our Canadian Forces face every day, one of the toughest can be returning to civilian life.

Sometimes, skills learned in the military don't easily translate into civilian occupations. After a career in the Forces, the maze of government programs to help veterans can be confusing and frustrating.

Helping to bridge that transition is Helmets to Hardhats, a unique partnership of unions, governments and industry that provides career opportunities to veterans of the Canadian Armed Forces.

H2H provides Canadian military veterans and serving reservists with opportunities for apprenticeship training and/or rewarding careers in Canada's unionized building, construction and maintenance industries and, at the same time, strengthens our workforces with the can-do attitudes and leadership qualities they bring.

I'm proud to have been an active supporter of this vital program from its very beginnings, and to serve as its chair.

I'm also proud of our Boilermakers union, and our many local lodges, for playing an instrumental role in providing training and placements to hundreds of dedicated soldiers who are now dedicated Boilermakers.

Joseph Maloney
International Vice-President for Canada, IBB
Chair, Helmets to Hardhats



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Passive House building gains ground nationwide, with government support in B.C. with Climate Leadership Plan

Canadian Design and Construction Report special feature

With new projects and initiatives springing up across the country, the Passive House high performance building movement is gaining ground, and attention, Canada wide.

It is impossible to speak about Passive House without starting in B.C., an undeniable leader in the field. The province has provided financial support to substantially increase the number of trained professionals to design and construct Passive House buildings, and highlighted the Passive House Standard in its recently announced Climate Leadership Plan.

“No jurisdiction can meet the climate change objectives agreed to in Paris without transforming buildings. Buildings account for 40 per cent of emissions, are an essential part of any solution and are often the easiest to improve,” said Rob Bernhardt, president of Passive House Canada.

He says B.C.’s plan is intended to include a suite of programs to be rolled out over the coming years and that he believes will transform the market. “Passive House levels of efficiency are generally viewed as the level required to enable buildings to operate effectively with zero emissions, so there is a great deal of focus on designing and building to the Passive House Standard.

Even without B.C.’s new suite of programs and incentives, projects are moving forward. Bernhardt says the City



of Vancouver is in the design phase of a new fire station and has issued a RFP for Passive House daycare facilities. There are advancements in Ontario too, where the Passive House Planning Package software is now accepted as a tool to demonstrate compliance with the OBC SB-12 supplement (Part 9 low rise residential buildings).





On an international level, the UNECE (United National Economic Commission for Europe) is developing a global building standard, which Passive House Canada is contributing to, and which Bernhardt says is anticipated to be a guide for countries in establishing building performance levels.

Calling Passive House a tool, not a prescription, he says the basic premise is applicable in all parts of the country, with each building designed to perform in its climate. "Construction materials and styles vary by location, but building science does not, and Passive House is simply an application of well known building science principles."

He says the uptake is growing and the change, even over the past year, has been dramatic. "An increasing proportion of regulators, designers and builders recognize Canada has the capacity to deliver vastly better buildings at an affordable price."

Bernhardt says he anticipates the pace will pick up in 2017 as climate change objectives are converted to policies. "The growing recognition of the fact Canadians can enjoy the benefits of high performance buildings combined with the climate change imperative are likely to accelerate the rate of improvement in building standards."



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Small Planet Supply leads with PH supplies, education and training

Canadian Design and Construction Report special feature

Addressing the growing interest in and challenges related to Passive House (PH) construction, Small Planet Supply is meeting multiple needs as a supplier, educator and trainer in the use of energy efficient building materials and practices.

Owner Albert Rooks established Small Planet Supply in Olympia, Washington in 2009 after reading an article in the New York Times about Passive House. "It all just made so much sense."

Rooks says Washington based Passive House Northwest was, at the time, just getting started and he got involved, helping write government applications and getting the group off the ground. When one of the original board members decided to build the first Passive House home, Rooks went looking for sealing materials for the project and found SIGA. "They were looking for a North American distributor. I had seen already the difficulty in finding North American products that fit the PH model, and so becoming a distributor seemed a natural step."

After the initial test home, Rooks placed an order for \$20,000 worth of product. It was Sig's first order shipping to North America and a big step for both companies. He then set up Small Planet Supply in a small storage space and began connecting with other PH organizations in California and Vancouver.

Beyond finding a source for materials, Rooks says the next challenge was adapting products to the North American market, not because of climate or environment factors but because of differences in building styles. He says North American building assemblies use more wood and less masonry than European counterparts.

As more projects emerged, his inventory grew and he eventually established a second location in Vancouver to better serve the Canadian market, and the company expanded to a new larger location in Washington. Now Small Planet Supply's product line-up includes key components such as the Zehnder HRV systems and Sanden CO2 heat pump hot water heater. The SANCO2 uses breakthrough technology. "The heat pump uses a natural refrigerant (CO2) and is twice as efficient as anything else on the market. It's really exciting."

That increased efficiency has led Rooks and his team to investigate two exciting new heat delivery systems that will use hot water for space conditioning. He hopes to add both product lines in 2017.

"We also carry Prosoco liquid applied air and weather membranes and Hannoband expanding foam tape for windows."

Beyond acting as a supplier for PH construction's specific product requirements, Small Planet Supply is also an educator and trainer. Through a dedicated classroom space, the company provides workshops geared to a vari-



ety of audiences and interest levels. “We get architects, designers and installers who are actually working with PH, but also owners and contractors wanting to learn the basics.”

Rooks says his company recently won a contract with the City of Vancouver to develop a program for air tightness workshops. With the city’s own high code standards, he says the program is mandated for projects struggling to meet the code, and provides an opportunity for those looking to reach higher.

While he says PH is not difficult to achieve, there is a small education curve to understand the process. “It requires some mental exercise because it is a high reach but people seem excited by the potential.”

Because the PH process has such rigorous demands, Rooks says an early information delivery system is needed that isn’t available through many sources. This is where Small Planet Supply gets involved with projects at various stages to help educate and move things along.

An example of this is Small Planet Supply’s work with Cornerstone Architecture, Peak Engineering & Construction Ltd. and Red Door Energy Design, collaborating on construction including an 85-unit multifamily project.

Known as The Heights, the Vancouver based project will be the largest passive house built in Canada once it is completed in 2017. Besides the 85 residential units, it also includes more than 420 sq. m. of retail space. The mixed construction includes a concrete parkade, main floor and second storey and then five-storeys of wood frame above.

Addressing the PH requirements, a submission report states: “The project will be using EuroLine Windows (Series 4700, ThermoPlus) with a U-Value of $U_g = 0.70W/(m^2K)$. To the west the windows will use a lower g-Value and towards the south exterior sun shades will help prevent over heating. Each residential unit is ventilated by



a high efficiency HRV system (Zehnder ComfoAir 550). The HRV’s are located on the top floor and serve a stack of up to five units.”

Rooks says while Vancouver is certainly leading the way, the growing interest in PH design and construction is exciting and being embraced widely across the country.

For more information about Small Planet Supply, visit <http://smallplanetsupply.com>.





Pinwheel Building Supplies Inc. provides Passive House solutions

Canadian Design and Construction Report special feature

Established in 2013 by self-proclaimed “chief Passive House enthusiast” Hans-Jörn Eich, St. Catharines, ON based Pinwheel Buildings Supplies Inc. provides a wide range of products and materials that meet the requirements for Passive House (PH) construction in North America. The company has also established a partnership to create a prefabricated building to suit the Ontario market.

Eich says though Pinwheel currently is about building solutions, selling the products is only half the battle. The company has established a partnership with B.C. based 5th C Building Solutions and is currently working on a building that will be prefabricated for the Ontario market. “Fully integrating solutions from material choices to planning methods to proper product application is how we can construct good buildings at a predictable budget.”



From the supply side of the movement, Eich says interest in Passive House has been steadily rising and business has quadrupled since he started the company. "We can see a very steady influx of people interested in changing how we build and how we respond to the more modern needs, be it for energy efficiency, healthy living, or even how the buildings our customers build interact socially with the environment."

He says while there are a lot of great products in the Canadian market – both domestic and imported – that meet PH requirements, there is a challenge in the way homes are designed and built. "PH can't be achieved by simply squeezing our current square peg design into the round hole PH standard; it doesn't work that way. PH is a methodology and much more about accepting that we need to adapt our lifestyle and mindset to a new reality, which means questioning how we can live within our means."

He says beyond consumers, designers and builders need to incorporate a more integrated process that incorporates design ideals with practical questions about buildability.

Eich says he interacts with all kinds of people and with a wide range of knowledge about Passive House. "Most everyone we meet is fascinated about PH and brings different levels of enthusiasm to the table. Some jump off the bandwagon right away when they realize that it's more about mindset and lifestyle, rather than just technical construction details. In my mind, a 4000 sq. ft. single family residence isn't really sustainable, no matter how efficient it is."

He says his staff is experienced in listening to what clients are saying to be sure their mindset is compatible with PH design and its complexity. "When people think they can just buy specific materials and components and everything will work out, we know they aren't quite there. This isn't just about ticking off all the right boxes."

Within North America, he says there is the added challenge of different climactic contexts. The Building Code, he says, is really a skeleton left over from rules set out for a warmer climate. "We need to design for Canada, and apply the latest knowledge of building physics and how to build safe healthy walls with regard to air tightness and insulation type and levels, keeping in mind vapour diffusion and how the wall interacts with interior and exterior conditions."

At Pinwheel, he says that means promoting walls using Agepan sheathing on the outside and Ampack tapes and membranes for air and vapour tightness. General rules of thumb, he says, include that the inside layer needs to be 10 times, or even better, 14 times, more vapour tight than the outside layer; that the vapour control layer be no more than one-third, or better, one-quarter, inside the insulative layer of the wall; and finally, that the design eliminates all thermal bridging.

"All of this can be achieved with the products we sell to create a building envelope that creates healthy and energy efficient homes."

Pinwheel has been involved in a variety of projects across the country including the Fisher House close to Barrie ON, a single-family residence built with solid PH guidelines; the New Farm House project in Creemore ON, a local food education center; the Temperance PH in Saskatchewan, which is attempting to be the first PHI certified PH in the province; and a 12-unit apartment building in Peterborough, ON that demonstrates that energy efficiency can be achieved affordably even for the purpose built rental market.

For more information about Pinwheel Building supply, visit <http://pinwheelbuilds.com>.



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Dodge upcoming project reports

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ALBERTA

Cladding (Replacement) 2016061
303 57 Ave SW
CALGARY, AB T2H 2X3 CAN
AB(DIVISION 06)
201600649494 v3
Action stage: Bidding
* Bid date: 11/17/2016 @ 02:00 PM MDT
Valuation: C (200K to <300K)
* Project delivery system: Design-Bid-Build
* Target start date: * 12/01/2016
Owner type: Private
Project Overview
Project type: Apartments/Condominiums 1-3 Stories.
Report type: ITEM Only
Sub project count: 0
First publish date: 09/15/2016
Prior publish date: 09/26/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Siding Work-Wood.
Item Category: CARPENTRY/MILLWORK.
Status: Bid date extended from October 20 to Bids to Owner November 17 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/11/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Private)
Architect: Stantec Consulting Ltd.
Reception
1100, 4900 50th Street RED DEER
AB T4N 1X7
Phone:403-341-3320 Fax:403-342-0969
E-mail: russ.wlad@stantec.com, http://www.stantec.com
Consultant: Alberta Purchasing Connection
P.O. Box 1333 EDMONTON
AB T5J 2N2
Phone:780-644-5726
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca
Owner (Private): Calgary Housing Company
Christie Allan, Procurement Coord.
2340 ? 22nd Street P.O. Box 2100, Stn. M CALGARY
AB T2P 2M5
Phone:403-209-5693 Fax:403-216-6546
E-mail: christie.allan@calgary.ca
Notes: DEWB78
Plans available from: Consultant
Items: Cladding Replacement

ITEM: Water Meters - Supply Delivery 161664
CALGARY, AB CAN
AB(DIVISION 06)
201600675922 v1
Action stage: Bidding
Bid date: 11/14/2016 @ 04:00 PM MDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Water Line.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/13/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Planting, Water Meters.
Item Category: LANDSCAPE MATLS. PLUMBING/FIRE PROTECTION.
Status: Bids to Owner November 14 at 4:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Calgary
Wanda Tulp, Senior Buyer
677 25 Avenue SE CALGARY
AB T2G 4K8
Phone:403-268-3400 Fax:403-268-5523

E-mail: wanda.tulp@calgary.ca, http://www.calgary.ca/
Owner (Public): City of Calgary
Wanda Tulp, Senior Buyer
677 25 Avenue SE CALGARY
AB T2G 4K8
Phone:403-268-3400 Fax:403-268-5523
E-mail: wanda.tulp@calgary.ca, http://www.calgary.ca/
Notes: DEWB06
Plans available from: Owner (Public)
Items: Supply and Delivery of Water Meters to Measure Water consumption for The City of Calgary.

ITEM: Mowing ET025171115A
CALGARY, AB T2P 3M3 CAN
AB(DIVISION 06)
201600668682 v1
Action stage: Bidding
Bid date: 11/07/2016 @ 02:00 PM MDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Federal
Project Overview
Project type: Site Development.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/05/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Mowers-Power.
Item Category: CONTRACTORS EQUIP.
Status: Bids to Owner November 7 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/05/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works and Government Services
Blake, Luke J.
Room 1650 - 635 8th AVE SW Alberta
AB X0X 0X0
Phone:403-292-5722
E-mail: questions@pwgsc.gc.ca
Owner (Public): Public Works and Government Services
Blake, Luke J.
Room 1650 - 635 8th AVE SW Alberta
AB X0X 0X0
Phone:403-292-5722
E-mail: questions@pwgsc.gc.ca
Notes: DEWB69
Plans available from: Owner (Public)

ITEM: Snow Removal Services EW076171147A
EDMONTON, AB CAN
AB(DIVISION 11)
201600671609 v1
Action stage: Bidding
Bid date: 11/07/2016 @ 02:00 PM MDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Federal
Project Overview
Project type: Site Development.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/07/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Contractors Eqpt-Purch/Rental. Snow Plowing & Removal.
Item Category: CONTRACTORS EQUIP.
DEMOL/BLDG.MOVING.
Status: Bids to Owner November 7 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/07/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works Government Services
Canada

Sandra Leslie, Procurement Spelst
ATB Place, North Tower 5th Floor ? 10025 Jasper
Avenu EDMONTON
AB T5J 4E2
Phone:780-616-2057 Fax:780-497-3510
E-mail: Sandra.Leslie2@pwgsc-tps.gc.ca
Company Name : Public Works Government Services
Canada Email ID : Sandra.Leslie2@pwgsc-tps.gc.ca
Owner (Public): Public Works Government Services
Canada
Sandra Leslie, Procurement Spelst
ATB Place, North Tower 5th Floor ? 10025 Jasper
Avenu EDMONTON
AB T5J 4E2
Phone:780-616-2057 Fax:780-497-3510
E-mail: Sandra.Leslie2@pwgsc-tps.gc.ca
Company Name : Public Works Government Services
Canada Email ID : Sandra.Leslie2@pwgsc-tps.gc.ca
Notes: DEWB26
Plans available from: Owner (Public)

Items: Snow Removal Services
Bragg Creek Water - Wastewater Systems Maintenance RFQ16003
55 Burnside Drive
BRAGG CREEK, AB T0L 0K0 CAN
AB(DIVISION 06)
201600667824 v2
Action stage: GC Bidding
Bid date: 11/03/2016 @ 02:00 PM MDT
Valuation: H (1M to <3M)
Project delivery system: Design-Bid-Build
Target start date: 12/01/2016
Owner type: Local Government
Project Overview
Project type: Water Treatment Plant. Sewage Treatment Plant.
Report type: Project
Sub project count: 0
First publish date: 10/04/2016
Prior publish date: 10/04/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC Bids to owner on November 03 at 02:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/06/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Rocky View County
Ragan, James, Interim Lead Purchas
911-32 Avenue NE CALGARY
AB T2E 6X6
Phone:403-520-3943
E-mail: jragan@rockyview.ca, http://www.rockyview.ca
Email ID : jragan@rockyview.ca Internet Addr : http://www.rockyview.ca
Consultant: Alberta Purchasing Connection
P.O. Box 1333 EDMONTON
AB T5J 2N2
Phone:780-644-5726
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca
Owner (Public): Rocky View County
Ragan, James, Interim Lead Purchas
911-32 Avenue NE CALGARY
AB T2E 6X6
Phone:403-520-3943
E-mail: jragan@rockyview.ca, http://www.rockyview.ca
Email ID : jragan@rockyview.ca Internet Addr : http://www.rockyview.ca
Owner's Agent (Public): Rocky View County
Wade Bell, Utility Operations
911-32 Avenue NE CALGARY
AB T2E 6X6
Phone:403-520-3961 Fax:403-277-3113
E-mail: WBell@rockyview.ca, http://www.rockyview.ca
Email ID : WBell@rockyview.ca Internet Addr : http://www.rockyview.ca
Notes: DEWB78 - Mandatory Facilities Tour on September 22 at 09:00 AM (MDT) at the Bragg

Creek Water Treatment Plant, 55 Burnside Drive, Bragg Creek, Alberta
*Plans available from: *Consultant
Addenda film date: 10/04/2016
Addenda receive date: CT/-2/04-O
Additional features: Operation and Maintenance Services for the Bragg Creek Water and Wastewater Systems

ATLANTIC

ITEM: 1 Ton Dump Truck 5P19160091A
NS CAN
NS(RICHMOND)
201600663757 v1
Action stage: Bidding
Bid date: 11/07/2016 @ 02:00 PM EDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Owner type: Local Government
Project Overview
Project type: Capitol/ Courthouse/City Hall.
Report type: ITEM Only
Sub project count: 0
First publish date: 09/29/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Truck-Purch/Rent-All excl Fire.
Item Category: TRUCKS/SVC VEHICLE.
Status: Bids to Owner November 7 at 2:00 PM (ADT)
Status project delivery system: Design-Bid-Build
Publish date: 09/29/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works and Government Services
Canada
1713 Bedford Row P.O.Box 2247 HALIFAX
NS B3J 3C9
Phone:902-496-5168 Fax:902-496-5016
E-mail: questions@pwgsc.gc.ca
Owner (Public): Public Works and Government Services
Canada
1713 Bedford Row P.O.Box 2247 HALIFAX
NS B3J 3C9
Phone:902-496-5168 Fax:902-496-5016
E-mail: questions@pwgsc.gc.ca
Notes: DEWB43
Plans available from: Owner (Public)
Items: Supply and Install a Residential Propane Generator at a Senior Complex in D'escousse, Richmond County

ITEM: Parking Lot Snow Clearing Removal
YARMOUTH, NS CAN
NS(YARMOUTH)
201600676535 v1
Action stage: Bidding
Bid date: 11/01/2016 @ 03:00 PM EDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Site Development.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/14/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Snow Plowing & Removal.
Item Category: DEMOL/BLDG.MOVING.
Status: Bids to Owner November 1 at 3:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Town of Yarmouth
Administration
400 Main Street YARMOUTH
NS B5A 1G2
Phone:902-742-8565 Fax:902-742-6244

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



Dodge upcoming project reports

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

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

E-mail: administration@yarmouth-town.com
http://www.yarmouth-town.com
Owner (Public): Town of Yarmouth
Administration
400 Main Street YARMOUTH
NS
B5A 1G2
Phone:902-742-8565 Fax:902-742-6244
E-mail: administration@yarmouth-town.com,
http://www.yarmouth-town.com
Notes: DEWB59
Plans available from: Owner (Public)
Items: Parking Lot Snow Clearing Removal

ITEM: Snow Clearing (Delivery) 382461
DALVAY, PE CAN
PE(QUEENS)
201600656190 v1
Action stage: Bidding
Bid date: 10/28/2016 @ 02:00 PM EDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Owner type: Federal
Project Overview
Project type: Paving.
Report type: ITEM Only
Sub project count: 0
First publish date: 09/21/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Snow Plowing & Removal.
Item Category: DEMOL/BLDG.MOVING.
Status: Bids to Owner October 28 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/21/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Parks Canada Agency
Cindy Dionne
111 Water Street East CORNWALL
ON K6H 6S3
Phone:613-938-5949 Fax:613-938-5785
Owner (Public): Parks Canada Agency
Cindy Dionne
111 Water Street East CORNWALL
ON K6H 6S3
Phone:613-938-5949 Fax:613-938-5785
Notes: DEWB55 - Site Visit on October 3 at 1:00 PM (EDT) at Dalvay Administration Building, 40 Dalvay Crescent, Dalvay, PE
Plans available from: Owner (Public)
Items: WINTER ROADS MAINTENANCE

ITEM: Exterior Paint (Ritchie Wharf Buildings) 16022
84 Nortons Ln
MIRAMICHI, NB E1V 2G1 CAN
NB(NORTHUMBERLAND)
201600676955 v1
Action stage: Bidding
Bid date: 10/28/2016 @ 10:30 AM ADT
Valuation: C (200K to <300K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Owner type: Local Government
Project Overview
Project type: Miscellaneous Recreational.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/14/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Paint, Painting excl Stripping.
Item Category: PAINTING/WALL COVER, PAINTING/WALL COVER.
Status: Bids to Owner October 28 at 10:30 AM (ADT)
Status project delivery system: Design-Bid-Build
Publish date: 10/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)

Engineer: City of Miramichi
Rhonda Murphy, Assistant Clerk
141 Henry Street MIRAMICHI
NB E1V 2N5
Phone:506-623-2208 Fax:506-623-2201
E-mail: melanie.parker@miramichi.org,
http://www.miramichi.org/en/
Company Name : City of Miramichi Internet Addr :
http://www.miramichi.org/en/
Owner (Public): City of Miramichi
Rhonda Murphy, Assistant Clerk
141 Henry Street MIRAMICHI
NB E1V 2N5
Phone:506-623-2208 Fax:506-623-2201
E-mail: melanie.parker@miramichi.org,
http://www.miramichi.org/en/
Company Name : City of Miramichi Internet Addr :
http://www.miramichi.org/en/
Notes: DEWB40
Plans available from: Owner (Public)
Items: Tenders for the preparation and painting at Ritchie Wharf Buildings

ITEM: Snow Removal Service (IQC) 382468
DALVAY, PE CAN
PE(QUEENS)
201600656216 v1
Action stage: Bidding
Bid date: 10/28/2016 @ 02:00 PM EDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Target complete date: 04/01/2019
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: ITEM Only
Sub project count: 0
First publish date: 09/21/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Snow Plowing & Removal.
Item Category: DEMOL/BLDG.MOVING.
Status: Bids to Owner October 28 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/21/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Parks Canada Agency
Cindy Dionne
111 Water Street East CORNWALL
ON K6H 6S3
Phone:613-938-5949 Fax:613-938-5785
Owner (Public): Parks Canada Agency
Cindy Dionne
111 Water Street East Top of Form

BRITISH COLUMBIA

RFP/DB: Comox Valley Residential Care Facility (Design/Build) 869
To be determined
COMOX VALLEY, BC CAN
BC(COMOX-STRATHCONA)
201600666435 v1
Action stage: GC Bidding, Pre-Design
Bid date: 12/16/2016 @ 02:00 PM PDT
Valuation: K (10M to <15M)
First issue bid stage IND: Y.
Project delivery system: Design/Build
Owner type: State
Project Overview
Project type: Nursing/Convalescent Center.
Report type: Project
Sub project count: 0
First publish date: 10/03/2016
Publisher: Dodge Data & Analytics
Type of Work: Additions, New Project
Status: Owner requests proposals for Design/Build/Operate Services by December 16 at 2:00 PM (PDT)
Status project delivery system: Design/Build
Publish date: 10/03/2016

Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Owner (Public): Vancouver Island Health Authority
Michael Zary, Contract Specialist
1952 Bay St Victoria
BC V8R 1J8
Phone:250-519-7700 Fax:250-370-8750
E-mail: michael.zary@viha.ca, http://www.viha.ca/
Telephone Extension: 13512 Email ID : michael.zary@viha.ca Internet Addr : http://www.viha.ca/
Notes: CRCN08 - 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)
Construction Document Links:
RFP/DB: Comox Valley Residential Care Facility (Design/Build)
Plans/Specs
Additional features: Design & construction and operation of an additional 70 Residential Care beds to serve the Comox Valley region either through a new stand-alone facility or through an addition to an existing facility

ITEM: Snow Removal W6837164063A
1230 Government Street
VICTORIA, BC CAN
BC(CAPITAL)
201600676512 v1
Action stage: Bidding
Bid date: 11/18/2016 @ 02:00 PM PDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Federal
Project Overview
Project type: Site Development.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/14/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Snow Plowing & Removal.
Item Category: DEMOL/BLDG.MOVING.
Status: Bids to Owner November 18 at 2:00 PM (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works & Government Services Canada
Bid Receiving Unit
401-1230 Government Street VICTORIA
BC V8W 2Z4
Phone:250-363-3160 Fax:250-363-3344
E-mail: Questions@pwgsc.gc.ca
Owner (Public): Public Works & Government Services Canada
Bid Receiving Unit
401-1230 Government Street VICTORIA
BC V8W 2Z4
Phone:250-363-3160 Fax:250-363-3344
E-mail: Questions@pwgsc.gc.ca
Notes: DEWB59
Plans available from: Owner (Public)

Items: CFMETR Snow Removal
Water Diversion Tailings Capping RFP-
PCCSP201701
780 Blanshard Street
VICTORIA, BC CAN
BC(CAPITAL)
201600676118 v1
Action stage: Bidding
Bid date: 11/09/2016 @ 02:00 PM PDT
Valuation: F (500K to <750K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 12/01/2016
Owner type: State
Project Overview
Project type: Paving, Site Development, Water Line.

Report type: Project
Sub project count: 0
First publish date: 10/13/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner November 9 at 2:00 PM (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Ministry of Agriculture and Lands
Joanna Runnells, Sen. Prog. Geoscient.
780 Blanshard Street P.O. Box 9373 Stn Prov.
Gov't Victoria
BC V8W 9M3
Phone:250-387-6121 Fax:250-356-6791
E-mail: Joanna.Runnells@gov.bc.ca
Owner (Public): Ministry of Agriculture and Lands
Joanna Runnells, Sen. Prog. Geoscient.
780 Blanshard Street P.O. Box 9373 Stn Prov.
Gov't Victoria
BC V8W 9M3
Phone:250-387-6121 Fax:250-356-6791
E-mail: Joanna.Runnells@gov.bc.ca
Notes: DEWB43 - Mandatory Pre-bid September 30 at 10:00 AM (PDT)
Plans available from: Owner (Public)
Additional features: The Ministry of Forests, Lands and Natural Resource Operations (MFLNRO) invites proposals from firms specializing in contaminated sites remediation, construction of landfill or tailings covers and construction of water diversion structures in northern climates for a water diversion and tailings capping project at the Atlin Ruffner Mill and Tailings site, near Atlin, BC. The objective of this remediation is to minimize interaction between clean water and tailings in the former tailings pond and sedimentation ponds. This will be accomplished by installing geomembrane covers over the tailings and sedimentation ponds, diverting the Adit Drainage around the ponds, and installing Interceptor Trenches to intercept groundwater reporting to the gravel capped tailings and sedimentation ponds. By diverting clean water around the residual tailings, the impacts on groundwater quality will be minimized

ITEM: 2017 Spring Tree Planting PL18TFD002
1907 Ridgewood Road
NELSON, BC CAN
BC(CENTRAL KOOTENAY)
201600672351 v1
Action stage: Bidding
Bid date: 11/08/2016 @ 02:00 PM PDT
Valuation: \$50,000
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Landscaping.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/10/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Heavy Timber, Planting, Trees-
Plntg,Surg,Trim,Sprry,Rem.
Item Category: CARPENTRY/MILLWORK.
LANDSCAPE MATLS, LANDSCAPE MATLS.
Status: Bids to Owner November 8 at 2:00 PM (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/10/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Civil Engineer: BC Timber Sales - Kootenay District
Jordan Carter, Operations Tech
1907 Ridgewood Road NELSON
BC V1L 6K1
Phone:250-825-1100 Fax:250-825-3411
E-mail: Jordan.Carter@gov.bc.ca Company Name : BC Timber Sales Email ID : Jordan.Carter@gov.bc.ca

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

Owner (Public): BC Timber Sales - Kootenay District
Jordan Carter, Operations Tech
1907 Ridgewood Road NELSON
BC V1L 6K1
Phone:250-825-1100 Fax:250-825-3411
E-mail: Jordan.Carter@gov.bc.ca Company Name :
BC Timber Sales Email ID :
Jordan.Carter@gov.bc.ca
Notes: BSUS02
Plans available from: Owner (Public)

Bear Mountain Boulevard - Park Landscape Maintenance 201610
Bear Mountain Blvd
LANGFORD, BC CAN
BC(CAPITAL)
201600675781 v1
Action stage: Bidding
Bid date: 11/07/2016 @ 03:00 PM PST
Valuation: C (200K to <300K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 01/01/2017
Owner type: Local Government
Project Overview
Project type: Landscaping.
Report type: Project
Sub project count: 0
First publish date: 10/13/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner November 7 at 3:00 PM (PST)
Status project delivery system: Design-Bid-Build
Publish date: 10/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Langford
Manton, Cory
877 Goldstream Avenue 2nd Floor Langford
BC V9B 2X8
Phone:250-391-3162 Fax:250-391-3439
E-mail: cmanton@cityoflangford.ca,
http://www.cityoflangford.ca/
Email ID : cmanton@citytopofform

MANITOBA

RFP/AE: Beautiful Plains Community Medical Clinic (Add) 383319
275 Hamilton st
NEEPAWA, MB R0J 1H0 CAN
MB(DIVISION 15)
201600664195 v1
Action stage: Negotiating , Request for Proposals
Bid date: 11/10/2016 @ 04:00 PM EDT
Valuation: F (500K to <750K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Private
Project Overview
Project type: Clinic/Medical Office.
Report type: Project & ITEM
Sub project count: 0
First publish date: 09/29/2016
Publisher: Dodge Data & Analytics
Type of Work: Additions
Item Code: Elec Signs-Install. Elec Work. Mechanical Work.
Item Category: ELECTRICAL. ELECTRICAL. PLUMBING/FIRE PROTECTION.
Status: Owner requests Proposals from Design services by November 10 at 5:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/29/2016
Key Contacts and Bid Documents
Owner (Private): Town of Neepawa
NEEPAWA AREA DEVELOPMENT CORP., Murray Parrott
275 Hamilton St Neepawa
MB R0J 1H0
Phone:204-476-6267 Fax:204-476-7624
E-mail: parrott.mg@gmail.com, http://www.neepawa.ca/

Internet Addr : http://www.neepawa.ca/
Notes: CRCN02 Plans & Specifications are currently being processed and will be available within 1-2 business days
Plans available from: Owner (Private)
Construction Document Links:
RFP/AE: Beautiful Plains Community Medical Clinic (Add) Plans/Specs
Structural Details
Structural information: 1 Building/ 1 Story above grade / 178 Total square meterft / Building Frame: Wood
Additional features: Proposed 1920 sf - 32 foot X 60 Foot facility addition -

REQUEST FOR PROPOSAL FOR THE DESIGN OF THE Beautiful Plains Community Medical Clinic Addition
Annual Servicing Residential Housing Units(IQC) HARSL1063912
BRANDON, MB CAN
MB(DIVISION 07)
201600670776 v1
Action stage: GC Bidding
Bid date: 11/01/2016 @ 02:00 PM CDT
Valuation: D (300K to <400K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 12/01/2016
Owner type: Military
Project Overview
Project type: Military Facility.
Report type: Project
Sub project count: 0
First publish date: 10/07/2016
Publisher: Dodge Data & Analytics
Type of Work: Additions
Status: GC Bids to Owner November 1 at 2:00 PM (CDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/07/2016
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)
Architect: Construction Association of Rural Manitoba
950-10th Street Unit B BRANDON
MB R7A 6B5
Phone:204-727-4567 Fax:204-727-1048
Owner (Public): Defence Construction Canada (17 Wing)
Elvin Vicedo, Contract Authority
PO Box 17000 Station Forces Building 100 - 17 Wing WINNIPEG
MB R3J 3Y5
Phone:204-833-2500 Ext:4630 Fax:204-833-2648
E-mail: elvin.vicedo@dcc-cdc.gc.ca Email ID : Elvin.Vicedo@dcc-cdc.gc.ca
Owner's Agent (Public): Construction Association of Rural Manitoba
950-10th Street Unit B BRANDON
MB R7A 6B5
Phone:204-727-4567 Fax:204-727-1048
Notes: DEWB26 - DEFENCE CONSTRUCTION CANADA (DCC) ? # HARSL10 - Please note that the tender results for this project are available from the Bid Opening Office and from the DCC Site at telephone: (204) 833-2500 # 4630 - 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
Plans available from: Owner's Agent (Pu)
Additional features: The work includes, but is not necessarily limited to, the supply of labour, material, supervision and equipment necessary to provide various annual servicing services for the residential housing units within CFHA's portfolio, CFB/ASU Shilo, Manitoba

Wastewater Plant (Upgrade) 040188
Kettle Generating Station,
GILLAM, MB CAN
MB(DIVISION 23)
201600674537 v2
Action stage: GC Bidding

* Bid date: 10/28/2016 @ 05:00 PM CDT
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Owner type: Private
Project Overview
Project type: Water Treatment Plant.
Report type: Project
Sub project count: 0
First publish date: 10/12/2016
Prior publish date: 10/12/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC Bids to Owner October 28 at 05:00 PM (CDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/12/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Private)
Architect: AECOM (formerly UMA Engineering Ltd)
99 Commerce Drive Winnipeg
MB R3P 0Y7
Phone:204-284-0580 Fax:204-475-3636
http://www.aecom.com/
Owner (Private): Manitoba Hydro
Ms. Heather Wallace, P.Eng
360 Portage Ave 2nd floor WINNIPEG
MB R3C 0G8
Phone:204-360-3197 Fax:204-360-6143
E-mail: hwallace@hydro.mb.ca,
http://www.hydro.mb.ca
Email ID : hwallace@hydro.mb.ca Internet Addr :
http://www.hydro.mb.ca
Notes: DEWB47 - Site meeting on October 5 at 10:00 AM (CDT) at Kettle Generating Station, Gillam, MB - Plans & Specifications are currently being processed and will be available within 1-2 business days - Registration to MERX Agencies, Crown and Private Corporations < https://www.merx.com/> is required. You must be listed on the MERX Detailed Tracking Report (DTR) to Bid this project
Bonds: 10% Bid Bond. 50% Performance Bond.
Plans available from: Owner (Private)
Additional features: Upgrades to Kettle Generating Station potable water treatment, storage, disinfection, and distribution facility. - Upgrades to Kettle Generating Station wastewater storage and pumping facility. GARAGE SERVICES (Purchaser's Option)A detailed scope and requirements of the Work are provided in the Purchaser's drawings and the Technical Requirements. The Work and any ITEM forming part of the Work shall also, in all respects, comply with the terms and conditions of the Contract.

ITEM: Ups Replacement -CCTV Upgrade (PWGSC) PWPW201410005
391 York Ave
WINNIPEG, MB CAN
MB(DIVISION 11)
201600676918 v1
Action stage: Bidding
Bid date: 10/28/2016 @ 03:00 PM CDT
Valuation: C (200K to <300K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Owner type: Federal
Project Overview
Project type: Office.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/14/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Closed Circuit TV Sys. Elec Work. Security Sys.
Item Category: SECURITY/ALARM SYS. ELECTRICAL. SECURITY/ALARM SYS.
Status: Bids to Owner October 28 at 3:00 PM (CDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/14/2016

Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Public Works & Government Services Canada
Mike Fagan, Contract Authority
Room 100 - 167 Lombard Ave (PO Box 1408)
WINNIPEG, MB R3C 2Z1
Phone:204-296-5375 Fax:204-983-7796
E-mail: Mike.Fagan@pwgsc-tpsgc.gc.ca,
http://www.tpsgc-pwgsc.gc.ca
Company Name : Public Works & Government Services Canada Internet Addr : http://www.tpsgc-pwgsc.gc.ca
Owner (Public): Public Works & Government Services Canada
Mike Fagan, Contract Authority
Room 100 - 167 Lombard Ave (PO Box 1408)
WINNIPEG, MB R3C 2Z1
Phone:204-296-5375 Fax:204-983-7796
E-mail: Mike.Fagan@pwgsc-tpsgc.gc.ca,
http://www.tpsgc-pwgsc.gc.ca
Company Name : Public Works & Government Services Canada Internet Addr : http://www.tpsgc-pwgsc.gc.ca
Notes: DEWB40 Site visit October 18 at 10:00 AM (CDT) at main floor security desk of the Stanley Knowles Building, 391 York Ave, Winnipeg - 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: UPS Replacement and CCTV Upgrade, PWGSC, 391 York Ave, Winnipeg, MB - Work under this contract comprises the interior renovations to electrical services of the facility, located at 391 York Avenue in Winnipeg Manitoba and consists of the removal and replacement of the existing Uninterruptible Power Supply (UPS) and the complete upgrade of the video surveillance system along with corresponding wiring and conduit,

Lower Fort Garry National Historic Heritage Building Renov 383394
5925 Highway 9
ST. ANDREWS, MB R0C 0P0 CAN
MB(DIVISION 11)
201600676339 v1
Action stage: GC Bidding
Bid date: 10/27/2016 @ 02:00 PM CDT
Valuation: \$1,000,001 - 5,000,000
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Owner type: Federal
Project Overview
Project type: Museum.
Report type: Project
Sub project count: 0
First publish date: 10/13/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC bids to Owner October 27 at 2:00 PM (CDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Republic Architecture
374 Donald St 1st Floor Winnipeg
MB R3B 2J2
Phone:204-989-0102 Fax:204-989-0094
E-mail: info@republicarchitecture.ca,
http://www.republicarchitecture.ca/
Engineer: HDK consulting Inc
81 Garry Street, Suite 55 WINNIPEG
MB R3C 4J9
Phone:204-818-0390 Fax:204-818-0388
E-mail: info@hdkconsulting.com, http://www.hdkconsulting.com/
Email ID : info@hdkconsulting.com Internet Addr :
http://www.hdkconsulting.com/
Owner (Public): Public Works & Government Services Canada

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



Dodge upcoming project reports

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

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

Daniel J. McRuer, Administration
100 - 167 Lombard Ave (PO Box 1408) Winnipeg
MB R3C 2Z1
Phone:204-983-6106 Fax:204-983-7796
E-mail: dan.mcruer@pwgsc-tpsgc.gc.ca
Structural Engineer: Crosier Kilgour and Partners Ltd
275 Carlton Street Suite 300 WINNIPEG
MB R3C 5R6
Phone:204-943-7501 Fax:204-943-7507
E-mail: ckp@ckpeng.com,
http://www.ckpeng.com/
Notes: DEWB59 Pre bid meeting October 11 at 1:00 PM (CDT) at the Visitor Centre entrance - Lower Fort Garry National Historic Site of Canada - 5925 Highway 9 - St Andrews - 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)
Additional features: Lower Fort Garry National Historic Site, Heritage Building Recapitalization Bottom of Form
oflangford.ca Internet Addr : http://www.city-oflangford.ca/
Owner (Public): City of Langford
Manton, Cory
877 Goldstream Avenue 2nd Floor Langford
BC V9B 2X8
Phone:250-391-3162 Fax:250-391-3439
E-mail: cmanton@cityoflangford.ca,
http://www.cityoflangford.ca/
Email ID : cmanton@cityoflangford.ca Internet Addr : http://www.cityoflangford.ca/
Notes: DEWB78
Plans available from: Owner (Public)
Additional features: The City of Langford requests Proposals from interested contractors to maintain the boulevard and park landscapes on Bear Mountain, Langford, BC
CORNWALL, ON K6H 6S3
Phone:613-938-5949 Fax:613-938-5785
Notes: DEWB55 - Site Visit October 3 at 9:30 AM (EDT) at Green Gables Visitor Information Centre
Plans available from: Owner (Public)

NORTHERN CANADA

Culvert Replacement 1006
Liard Highway
YELLOWKNIFE, NT CAN
NT(FORT SMITH)
201600675863 v1
Action stage: Bidding
Bid date: 11/08/2016 @ 03:00 PM MDT
Valuation: E (400k to <500K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 12/01/2016
Owner type: State
Project Overview
Project type: Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 10/13/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner November 8 at 3:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/13/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Northwest Territories Procurement Shared Services
5015 - 44 St YELLOWKNIFE
NT X1A 2L9
Phone:867-873-7662 Fax:867-873-0257
E-mail: CLAYTON_RAVNDAL@gov.nt.ca,
http://www.contractregistry.nt.ca/Public/ListProc
Owner (Public): Government of Northwest Territories
Procurement Shared Services, Contracts Admin
5009 49th St 1st Floor YELLOWKNIFE

NT X1A 2L9
Phone:867-767-9044 Fax:867-920-4112
E-mail: psstenders@gov.nt.ca, http://www.contractregistry.nt.ca/Public/ListProc
Email ID : psstenders@gov.nt.ca Internet Addr : http://www.contractregistry.nt.ca/Public/ListProc
Notes: DEWB06
Plans available from: Owner (Public)
Additional features: Liard Highway (No. 7) Km 131.4 and 218.5

Apex Phase B Subdivision MUN10072016
IQALUIT, NU CAN
NU(NUNAVUT)
201600676965 v1
Action stage: Bidding
Bid date: 10/28/2016 @ 04:00 PM EDT
Valuation: F (500K to <750K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Owner type: Local Government
Project Overview
Project type: Paving, Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 10/14/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner October 28 at 4:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Iqaluit
Richard Sparham, Project Officer
P.O. Box 460 Iqaluit
NT X0A 0H0
Phone:867-979-6363 Ext:259 Fax:867-979-5922
E-mail: r.sparham@city.igaluit.nu.ca,
http://www.city.igaluit.nu.ca/118n/english/tenders
Email ID : r.sparham@city.igaluit.nu.ca Internet Addr : http://www.city.igaluit.nu.ca/118n/english/tenders
Owner (Public): City of Iqaluit
Mohammad Hussain
P.O. Box 460 Iqaluit
NT X0A 0H0
Phone:867-979-5600 Fax:867-979-5922
E-mail: info@city.igaluit.nu.ca,
http://www.city.igaluit.nu.ca/118n/english/tenders
Internet Addr : http://www.city.igaluit.nu.ca/118n/english/tenders
Notes: DEWB40
Plans available from: Owner (Public)
Additional features: APEX PHASE B SUBDIVISION - The required works include realigning an existing, and constructing a new granular road to facilitate the development of a new infill subdivision. The works will also include roadside ditching, and the installation of new culverts.

ITEM: Snow Removal service YHC2016172248
WHITEHORSE, YT CAN
YT(YUKON)
201600672796 v1
Action stage: Bidding
Bid date: 10/25/2016 @ 12:00 AM PDT
Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Site Development.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/11/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Snow Plowing & Removal.
Item Category: DEMOL/BLDG.MOVING.
Status: Bids to Owner October 25 (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/11/2016

Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Yukon Housing Corporation
Darlene Hutton
410 Jarvis St WHITEHORSE
YT Y1A 2H5
Phone:867-667-5759 Fax:867-667-3664
E-mail: darlene.hutton@gov.yk.ca,
http://www.housing.yk.ca/
Company Name : Yukon Housing Corporation
Email ID : darlene.hutton@gov.yk.ca. Internet Addr : http://www.housing.yk.ca/
Owner (Public): Yukon Housing Corporation
Darlene Hutton
410 Jarvis St WHITEHORSE
YT Y1A 2H5
Phone:867-667-5759 Fax:867-667-3664
E-mail: darlene.hutton@gov.yk.ca,
http://www.housing.yk.ca/
Company Name : Yukon Housing Corporation
Email ID : darlene.hutton@gov.yk.ca. Internet Addr : http://www.housing.yk.ca/
Notes: DEWB26
Plans available from: Owner (Public)

Items: Snow Removal Mayo Yukon
RFQ/DB: Residential Housing Units Replacement (Design/Build) EW038171133A
Spruce Hill Drive
INUVIK, NT CAN
NT(INUVIK)
201600676846 v1
Action stage: GC Bidding, Pre-Design
Bid date: 10/21/2016 @ 02:00 PM MDT
Valuation: \$100,001
First issue bid stage IND: Y.
Project delivery system: Design/Build
Target start date: 11/01/2016
Owner type: Federal
Project Overview
Project type: Apartments/Condominiums 1-3 Stories.
Report type: Project
Sub project count: 0
First publish date: 10/14/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Owner requests Qualifications from Design Build Firms by October 21 at 2:00 PM (MDT)
Status project delivery system: Design/Build
Publish date: 10/14/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Owner (Public): Public Works & Government Services Canada
Hector Ho, Project Contact
Telus Plaza North 5th Floor - 10025 Jasper Ave EDMONTON
AB T5J 1S6
Phone:780-497-3543 Fax:780-497-3510
E-mail: hector.ho@pwgsc-tpsgc.gc.ca
Notes: DEWB55 - Site visit October 13 on 2:30 PM (MDT) at Spruce Hill Drive, Inuvik, NT - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network
Plans available from: Owner (Public)
Additional features: inviting qualified Design-Build (D-B) bidders to deliver and build foundation and substructure repair/remediation/or replacement for two residential housing units in Inuvik, NT: The objective of this RFP is to retain an individual Contractor or Joint Venture to provide the complete design-build work for the delivery and build foundation and substructure repair/remediation/or replacement for two residential housing units in Inuvik, NT
ITEM: Snow Removal services YHC2016172243
parking areas -driveways tesli
WHITEHORSE, YT CAN
YT(YUKON)
201600672971 v1
Action stage: Bidding
Bid date: 10/20/2016 @ 12:00 AM PDT

Valuation:
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Sidewalk/Parking Lot. Site Development.
Report type: ITEM Only
Sub project count: 0
First publish date: 10/11/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.
Item Code: Snow Plowing & Removal.
Item Category: DEMOL/BLDG.MOVING.
Status: Bids to Owner October 20 (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 10/11/2016
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Yukon Housing Corporation
410 Jarvis St WHITEHORSE
YT Y1A 2H5
Phone:867-667-5759 Fax:867-667-3664
E-mail: ykhouse@gov.yk.ca,
http://www.housing.yk.ca/
Email ID : ykhouse@gov.yk.ca Internet Addr : http://www.housing.yk.ca/
Owner (Public): Yukon Housing Corporation
410 Jarvis St WHITEHORSE
YT Y1A 2H5
Phone:867-667-5759 Fax:867-667-3664
E-mail: ykhouse@gov.yk.ca,
http://www.housing.yk.ca/
Email ID : ykhouse@gov.yk.ca Internet Addr : http://www.housing.yk.ca/
Notes: DEWB26
Plans available from: Owner (Public)
Items: Snow removal services parking areas and driveways testlin

ONTARIO

Milliken Station Improvements (Design/Build)
Stouffville Rail Corridor
TORONTO/MARKHAM, ON CAN
ON(YORK)
201600662693 v3
Action stage: GC Bidding-Invitation, Pre-Design
Bid date: 02/06/2017 @ 12:00 AM EST
Valuation: M (25M to <50M)
Project delivery system: Design/Build
Owner type: Private
DR break away from: 201200582776
Project Overview
Project type: Passenger Terminal (Other). Bridge. Railroad.
Report type: Project
Sub project count: 0
First publish date: 09/28/2016
Prior publish date: 09/29/2016
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Owner's Agent requests Proposals from pre-qualified Design Build Firms by February 6 2017
Status project delivery system: Design/Build
Publish date: 10/05/2016
Key Contacts and Bid Documents
Owner (Private): Metrolinx (Greater Toronto Transit)
Contracting Department, Contracting Departme
20 Bay Street Suite #600 TORONTO
ON M5J 2W3
Phone:416-869-3600 Ext:5212 Fax:416-863-3625
http://www.getransit.com
Owner's Agent (Public): Infrastructure Ontario and Lands Corporation
777 Bay Street 9th Floor Toronto
ON M4G 2C2
Phone:416-212-7289 Fax:416-325-4646
E-mail: info@infrastructureontario.ca,
http://www.infrastructureontario.ca
Notes: CRCN09 - Part of Master Report DR 201200582776 - Pre-qualified Firms include - 1) EllisDon Transit Infrastructure: EllisDon Capital Inc - WSP/MMM - Architecture: Architecture 49 -



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

2) Kenaidan Obayashi Transit Partners: Kenaidan Contracting Ltd. and Obayashi Canada Ltd - IBI Group and RV Anderson Associates Ltd - 3) Kiewit-Bird Joint Venture: Peter Kiewit Infrastructure Co and Bird Design-Build Construction - Stantec and Perkins & Will
Additional features: new east side platform - upgrade of existing west side platform with a full enclosure - passenger access tunnels connecting the platforms with elevators - new Steeles Avenue East pedestrian connection and customer amenities - grade separation at Steeles Avenue East

Agincourt Station Improvements (Design/Build) Stouffville Rail Corridor
TORONTO/MARKHAM, ON CAN
ON(YORK)
201400571159 v6

Action stage: GC Bidding-Invitation, Pre-Design
Bid date: 02/06/2017 @ 12:00 AM EST
Valuation: M (25M to <50M)

Project delivery system: Design/Build
Owner type: Private
DR break away from: 201200582776

Project Overview
Project type: Passenger Terminal (Other). Bridge, Railroad.

Report type: Project
Sub project count: 0

First publish date: 07/01/2014
Prior publish date: 09/29/2016
Publisher: Dodge Data & Analytics

Type of Work: Alterations
Status: Owner's Agent requests Proposals from pre-qualified Design Build Firms by February 6 2017

Status project delivery system: Design/Build
Publish date: 10/05/2016

Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)

Owner (Private): Metrolinx (Greater Toronto Transit)

Contracting Department, Contracting Departme
20 Bay Street Suite #600 TORONTO
ON

MSJ 2W3
Phone:416-869-3600 Ext:5212 Fax:416-863-3625
http://www.gotransit.com

Owner's Agent (Public): Infrastructure Ontario and Lands Corporation
777 Bay Street 9th Floor Toronto
ON M4G 2C2

Phone:416-212-7289 Fax:416-325-4646
E-mail: info@infrastructureontario.ca,
http://www.infrastructureontario.ca

Notes: CRCN09 - Part of Master Report DR
201200582776 - Pre-qualified Firms include - 1) EllisDon Transit Infrastructure: EllisDon Capital Inc - WSP/MMM - Architecture: Architecture 49 - 2) Kenaidan Obayashi Transit Partners: Kenaidan Contracting Ltd. and Obayashi Canada Ltd - IBI Group and RV Anderson Associates Ltd - 3) Kiewit-Bird Joint Venture: Peter Kiewit Infrastructure Co and Bird Design-Build Construction - Stantec and Perkins & Will

Additional features: new second track - new side platforms - passenger access tunnels with elevators - customer waiting areas - building relocation - customer amenities provisions

ITEM: Concrete Ready - Mix 384293
KINGSTON, ON CAN
ON(FRONTENAC)
201600671661 v1

Action stage: Bidding
Bid date: 11/14/2016 @ 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: Paving.
Report type: ITEM Only

Sub project count: 0
First publish date: 10/07/2016
Publisher: Dodge Data & Analytics

Type of Item: MATL EQUIP.
Item Code: Concrete Work excl Foundtns, Concrete-Ready Mixed.

Item Category: MASONRY/CONCRETE, MASONRY/CONCRETE.
Status: Bids to Owner November 14 at 2:00 PM (EST)

Status project delivery system: Design-Bid-Build
Publish date: 10/07/2016

Key Contacts and Bid Documents
Submit bids to: Owner (Public)

Engineer: Public Works and Government Services Canada
Kim (Buyer) Rider
86 Clarence Street KINGSTON
ON K7L 5J5

Phone:613-545-8739 Fax:613-545-8067
E-mail: gisele.beaulieu@pwgsc.gc.ca
Owner (Public): Public Works and Government Services Canada

Kim (Buyer) Rider
86 Clarence Street KINGSTON
ON K7L 5J5

Phone:613-545-8739 Fax:613-545-8067
E-mail: gisele.beaulieu@pwgsc.gc.ca
Notes: DEWB59

Plans available from: Owner (Public)
Items: Concrete Ready - Mix

ITEM: Winter Road Salt (IQC) W6837174581A
KINGSTON, ON CAN
ON(FRONTENAC)
201600671067 v1

Action stage: Bidding
Bid date: 11/14/2016 @ 02:00 PM EDT
Valuation:

First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target start date: 12/01/2016

Target complete date: 06/01/2018
Owner type: Federal
Project Overview

Report type: ITEM Only
Sub project count: 0

First publish date: 10/07/2016
Publisher: Dodge Data & Analytics

Type of Item: MATL EQUIP.
Item Code: Road Materials.

Item Category: HIGHWAY SUPPLIES.
Status: Bids to Owner November 14 at 2:00 PM (EDT)

Status project delivery system: Design-Bid-Build
Publish date: 10/07/2016

Key Contacts and Bid Documents
Submit bids to: Owner (Public)

Engineer: Public Works and Government Services Canada
Eliane Boivin Lafleur
86 Clarence Street KINGSTON
ON K7L 5J5

Phone:613-545-8066
E-mail: gisele.beaulieu@pwgsc.gc.ca
Owner (Public): Public Works and Government Services Canada

Eliane Boivin Lafleur
86 Clarence Street KINGSTON
ON K7L 5J5

Phone:613-545-8066
E-mail: gisele.beaulieu@pwgsc.gc.ca
Notes: DEWB55

Plans available from: Owner (Public)
Items: Winter Road Salt
RFQ/DB: Kitchener Corridor Hwy 401 Rail Tunnel(Design/Build) PR381612

Kipling Ave & Islington
KITCHENER, ON CAN
ON(WATERLOO)
201300412084 v7

Action stage: GC Bidding, Pre-Design
* Bid date: 11/04/2016 @ 02:00 PM EDT
Valuation: \$50,000,000

Project delivery system: Design/Build
Owner type: Private

Project Overview

Project type: Bridge, Vehicle Tunnel, Railroad.
Report type: Project

Sub project count: 0
First publish date: 01/16/2013
Prior publish date: 09/15/2016

Publisher: Dodge Data & Analytics
Type of Work: New Project

Status: Bid date extended from October 14 - Owner's Agent requests Pre-qualifications from Design Build Finance Firms by November 4 at 2:00 PM (EDT) - December 2016 RFP anticipated

Status project delivery system: Design/Build
Publish date: 10/07/2016

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.

Owner (Public): Metrolinx (Greater Toronto Transit)
Diana Serrano, Project Contact
20 Bay Street Suite #600 TORONTO
ON M5J 2W3

Phone:416-869-3600 Ext:5575 Fax:416-869-3525
E-mail: diana.serrano@metrolinx.com,
http://www.gotransit.com

Email ID : diana_serrano@metrolinx.com Internet
Addr : http://www.gotransit.com

Owner's Agent (Public): Infrastructure Ontario and Lands Corporation
Raynald Philippe, Procurement
777 Bay Street 9th Floor Toronto
ON M4G 2C2

Phone:416-212-7289 Fax:416-325-4646
E-mail: raynald.philippe@infrastructureontario.ca,
http://www.infrastructureontario.ca

Email ID : raynald.philippe@infrastructureontario.ca Internet
Addr : http://www.infrastructureontario.ca

Notes: CRCN09 - NOTE: Registration to MERX Agencies - Crown & 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: Top of Form

QUÉBEC

ITEM: Chassis Electrical Components Repair - upgrade W8486152148A
GATINEAU, QC CAN
QC(COMMUNAUTE-URBAINE-DE-L'OUTAOUAIS)
201600621751 v2

Action stage: Bidding
* Bid date: 11/17/2016 @ 02:00 PM EDT
Valuation: D (300K to <400K)

Project delivery system: Design-Bid-Build
Target start date: 11/01/2016
Owner type: Federal

Project Overview
Project type: Communication Building.
Report type: ITEM Only

Sub project count: 0
First publish date: 08/18/2016
Prior publish date: 08/18/2016

Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Elec Signs-Install, Elec Work, Mechanical Work.

Item Category: ELECTRICAL, ELECTRICAL, PLUMBING/FIRE PROTECTION.
Status: Bid date extended from October 6 - Bids to Owner November 17 at 2:00 PM (EDT)

Status project delivery system: Design-Bid-Build
Publish date: 10/03/2016

Key Contacts and Bid Documents
Submit bids to: Owner (Public)

Engineer: Public Works & Government Services
Canada
Place du Portage, Phase III 11 Laurier Street
GATINEAU, QC K1A 1C9
Phone:819-775-7317 Fax:819-956-0570
E-mail: questions@pwgsc-tps.gc.ca
Owner (Public): Public Works & Government Services Canada
Sylvain Proulx
Place du Portage, Phase III 11 Laurier Street
GATINEAU, QC K1A 1C9
Phone:819-994-4758 Fax:819-956-0570
E-mail: sylvain.proulx@tpsge-pwgsc.gc.ca
Notes: DEWB26 - Source requests all bid documents to be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network
Plans available from: Owner (Public)
Items: Chassis Electrical Components Repair - upgrade
ITEM: Generator (Supply) W8476155236A
QC CAN
QC(COMMUNAUTE-URBAINE-DE-L'OUTAOUAIS)
201600672105 v1

Action stage: Bidding
Bid date: 11/07/2016 @ 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: Miscellaneous Recreational.
Report type: ITEM Only

Sub project count: 0
First publish date: 10/10/2016
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.

Item Code: Elec Generators-Install, Generators-Elec, Road Materials.
Item Category: ELECTRICAL, ELECTRICAL, HIGHWAY SUPPLIES.
Status: Bids to Owner November 7 at 2:00 PM (EDT)

Status project delivery system: Design-Bid-Build
Publish date: 10/10/2016

Key Contacts and Bid Documents
Submit bids to: Owner (Public)

Consultant: Department of National Defence
101 Colonel By Drive OTTAWA
ON K1A 0K2
Phone:613-995-2534 Fax:613-996-8330
TTY/TDD#: 1 800 467-9877
Engineer: Department of National Defence
101 Colonel By Drive OTTAWA
ON K1A 0K2
Phone:613-995-2534 Fax:613-996-8330
TTY/TDD#: 1 800 467-9877
Notes: BIUS10
Plans available from: Owner (Public)

ITEM: Snow Removal Services 1622080
6100 Royal mount ave
MONTREAL, QC CAN
QC(QUEBEC)
201600662908 v1
Action stage: Bidding
Bid date: 11/02/2016 @ 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: Site Development.
Report type: ITEM Only

Sub project count: 0
First publish date: 09/28/2016
Publisher: Dodge Data & Analytics
Type of Item: MATL EQUIP.

Item Code: Snow Plowing & Removal.

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

Item Category: DEMOL/BLDG.MOVING.
 Status: Bids to Owner November 2 at 2:00 PM (EDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 09/28/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: National Research Council Canada
 Melody, Ellis, contracting authority
 1200 Montreal Road Building M-58 OTTAWA ON K1A 0R6
 Phone:613-993-4461 Fax:613-952-9907
 E-mail: Melody.Ellis@nrc-cnrc.gc.ca Company Name : National Research Council Canada Email ID : Melody.Ellis@nrc-cnrc.gc.ca
 Owner (Public): National Research Council Canada
 Melody, Ellis, contracting authority
 1200 Montreal Road Building M-58 OTTAWA ON K1A 0R6
 Phone:613-993-4461 Fax:613-952-9907
 E-mail: Melody.Ellis@nrc-cnrc.gc.ca Company Name : National Research Council Canada Email ID : Melody.Ellis@nrc-cnrc.gc.ca
 Notes: DEWB26 - Mandatory site meeting October 12 -13 at 10:00 am with MR. Sylvain Grenier at the visitors entrance at the National Research council, 6100 avenue Royalmount, montreal quebec
 Plans available from: Owner (Public)
 Items: Provide Snow removal services at the National Research council, 6100 avenue Royalmount, montreal quebec

ITEM: Snow Removal Service(IQC)
 21301172426853
 400 rue Marsolais
 LAVAL, QC CAN
 QC(QUEBEC)
 201600656331 v1
 Action stage: Bidding
 Bid date: 10/31/2016 @ 02:00 PM EDT
 Valuation:
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target complete date: 10/01/2017
 Owner type: Local Government
 Project Overview
 Report type: Prison/Jail.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 09/21/2016
 Publisher: Dodge Data & Analytics
 Type of Item: MATL EQUIP.
 Item Code: Snow Plowing & Removal.
 Item Category: DEMOL/BLDG.MOVING.
 Status: Bids to Owner October 31 at 2:00 PM (EDT)

Status project delivery system: Design-Bid-Build
 Publish date: 09/21/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Montee Saint Francois Institution
 Martine Pilon, Administration
 250 Montee St Francois Laval
 QC H7C 1S5
 Phone:450-661-9550 Ext:3299 Fax:450-664-6626
 E-mail: martine.A.pilon@esc-ssc.gc.ca Email ID : martine.A.pilon@esc-ssc.gc.ca
 Owner (Public): Montee Saint Francois Institution
 Martine Pilon, Administration
 250 Montee St Francois Laval
 QC H7C 1S5
 Phone:450-661-9550 Ext:3299 Fax:450-664-6626
 E-mail: martine.A.pilon@esc-ssc.gc.ca Email ID : martine.A.pilon@esc-ssc.gc.ca
 Notes: DEWB26 - Mandatory site visit October 12 at 1:00 PM(EDT) at Correctional Service Canada, Joliette Institution, 400 rue Marsolais, Joliette (Quebec) J6E 8V4.
 Plans available from: Owner (Public)

ITEM: 250-400 CFM Air Handler Supply
 31184165473A
 GATINEAU, QC CAN
 QC(COMMUNAUTE-URBAINE-DE-
 L'OUTAOUAIS)

201600676299 v1
 Action stage: Bidding
 Bid date: 10/31/2016 @ 02:00 PM EDT
 Valuation:
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target start date: 12/01/2016
 Owner type: Federal
 Project Overview
 Project type: Military Facility.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 10/13/2016
 Publisher: Dodge Data & Analytics
 Type of Item: MATL EQUIP.
 Item Code: Air Conditioning Unit-Portable.
 Item Category: HVAC/DUCTWORK.
 Status: Bids to Owner October 31 at 2:00 PM (EDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 10/13/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Public Works and Government Services Canada
 Christina Martins
 11 Laurier St./11, rue Laurier 7A2.Placé du Portage, Phase II GATINEAU
 QC K1A 0S5
 Phone:613-355-1973 Fax:819-956-3814 Company Name : Public Works and Government Services Canada
 Owner (Public): Public Works and Government Services Canada
 Christina Martins
 11 Laurier St./11, rue Laurier 7A2.Placé du Portage, Phase II GATINEAU
 QC K1A 0S5
 Phone:613-355-1973 Fax:819-956-3814 Company Name : Public Works and Government Services Canada
 Notes: DEWB43
 Plans available from: Owner (Public)
 Items: 250400 Cfm Air Handler supply
 Bottom of Form
 *Consultant
 Addenda film date: 09/15/2016
 Addenda receive date: CT/2/06-O
 Additional features: Construction of a second tunnel under Highway 401/409 to accommodate two additional tracks - future signaling and communications infrastructure - Replacing footings of retaining walls that support the ramp from eastbound Highway 409 to eastbound Highway 401

SASKATCHEWAN

ITEM: Wall Replacement (Deer Park Golf Course)
 Hwy 52
 YORKTON, SK S3N 2W3 CAN
 SK(DIVISION 09)
 201600676870 v1
 Action stage: Bidding
 Bid date: 10/28/2016 @ 02:00 PM CST
 Valuation: C (200K to <300K)
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target start date: 11/01/2016
 Owner type: Local Government
 Project Overview
 Project type: Miscellaneous Recreational.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 10/14/2016
 Publisher: Dodge Data & Analytics
 Type of Item: ALTERATION.
 Item Code: Concrete Masonry-excl Foundtns.
 Item Category: MASONRY/CONCRETE.
 Status: Bids to Owner October 28 at 2:00 PM (CST)
 Status project delivery system: Design-Bid-Build
 Publish date: 10/14/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Items: Agriculture and Agri-Food Canada's Research Centre at Highway #6 South, Melfort, SK requires a Company to provide Plumbing Services on an 'as and when requested' basis.
 Water Treatment Plant Upgrade 2016001
 Site not Specified
 LEADER, SK CAN
 SK(DIVISION 08)
 201600663994 v5
 Action stage: GC Bidding
 Bid date: 10/21/2016 @ 02:00 PM CST
 Valuation: H (1M to <3M)
 Project delivery system: Design-Bid-Build

Engineer: City of Yorkton
 Dept of Community Development, Parks & Recreation
 455 Broadway Street West, Box 400 Yorkton
 SK S3N 2W3
 Phone:306-786-1700 Fax:306-786-6880
 E-mail: cdpr@yorkton.ca, http://www.yorkton.ca/
 Internet Addr : http://www.yorkton.ca/
 Owner (Public): City of Yorkton
 Dept of Community Development, Parks & Recreation
 455 Broadway Street West, Box 400 Yorkton
 SK S3N 2W3
 Phone:306-786-1700 Fax:306-786-6880
 E-mail: cdpr@yorkton.ca, http://www.yorkton.ca/
 Internet Addr : http://www.yorkton.ca/
 Notes: DEWB40 Mandatory site meeting October 20 at 10:00 AM (CST)
 Plans available from: Owner (Public)
 Items: Deer Park Golf Course Wall Replacement - Qualified contractors are invited to submit Tenders to provide all labour, materials and equipment required to remove, dispose of and replace the south/west wall in the Pro Shop at the Deer Park Golf Course, located in Yorkton, Saskatchewan

ITEM: Plumbing Services(IQC) 01R1117S012
 Highway #6 South
 MELFORT, SK CAN
 SK(DIVISION 14)
 201600666389 v1
 Action stage: Bidding
 Bid date: 10/25/2016 @ 02:00 PM CST
 Valuation: C (200K to <300K)
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target start date: 11/01/2016
 Owner type: Local Government
 Project Overview
 Project type: Testing/Research/Development Lab.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 10/03/2016
 Publisher: Dodge Data & Analytics
 Type of Item: ALTERATION.
 Item Code: Plumbing Work.
 Item Category: PLUMBING/FIRE PROTECTION.
 Status: Bids to Owner October 25 at 2:00 PM (CST)
 Status project delivery system: Design-Bid-Build
 Publish date: 10/03/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Agriculture and Agri-Food Canada
 Roseanne Perigny, Procurement Officer
 300 - 2010 12th Avenue REGINA
 SK S4P 0M3
 http://www.agr.gc.ca/
 Internet Addr : http://www.agr.gc.ca/
 Owner (Public): Agriculture and Agri-Food Canada
 Roseanne Perigny, Procurement Officer
 300 - 2010 12th Avenue REGINA
 SK S4P 0M3
 http://www.agr.gc.ca/
 Internet Addr : http://www.agr.gc.ca/
 Notes: DEWB26 - Optional site visit October 11 at 10:30 AM (CST) at the Melfort Research Farm at #6 Highway South, Melfort,Saskatchewan, Canada - Please contact Sheldon Stobbs, Farm Manager at (306) 752-2776 /Sheldon.stobbs@agr.gc.ca.to notify Canada of your intent to attend.
 Plans available from: Owner (Public)

ITEM: Miscellaneous Steel(Supply) 6644

Target start date: 12/01/2016
 Owner type: Local Government
 Project Overview
 Project type: Water Treatment Plant.
 Report type: Project
 Sub project count: 0
 First publish date: 09/29/2016
 Prior publish date: 10/11/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: GC Bids to Architect by October 06 at 2:00 PM (CST)
 Status project delivery system: Design-Bid-Build
 Publish date: 10/12/2016
 Key Contacts and Bid Documents
 Submit bids to: Architect
 Architect: Associated Engineering Ltd
 Shengtao Weng, P. Eng
 1 - 2225 Northridge Drive SASKATOON
 SK S7L 6X6
 Phone:306-653-4969 Fax:306-242-4904
 E-mail: weng@ae.ca, http://www.ae.ca/
 Owner (Public): Town of Leader
 Rochelle Francis, Town Administrator
 151 ? 1st Street West LEADER
 SK S0N 1H0
 Phone:306-628-3868 Fax:306-628-4337
 E-mail: town.leader@sasktel.net,
 http://www.leader.ca/
 Internet Addr : http://www.leader.ca/
 Notes: CRCN04 - Documents for this project will not appear in the Dodge Global Network
 *Plans available from: *Owner (Public)
 Additional features: Work involves the construction of a water treatment plant disinfection system upgrade including equipment supply and installation, mechanical, electrical and controls, and appurtenances at water treatment plant

Culvert Installation RM152201602
 SPY HILL, SK CAN
 SK(DIVISION 06)
 201600670970 v1
 Action stage: Bidding
 Bid date: 10/21/2016 @ 11:30 AM CST
 Valuation: G (750K to <1M)
 First issue bid stage IND: Y.
 Project delivery system: Design-Bid-Build
 Target start date: 11/01/2016
 Owner type: Local Government
 Project Overview
 Project type: Storm Sewer.
 Report type: Project
 Sub project count: 0
 First publish date: 10/07/2016
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Bids to Owner October 21 at 11:30 AM (CST)
 Status project delivery system: Design-Bid-Build
 Publish date: 10/07/2016
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: AMEC Foster Wheeler
 202 Hawkins St WHITEHORSE
 YT Y1A 1X4
 Phone:867-393-2493 Fax:867-NaN
 http://www.amecfw.com
 Internet Addr : http://www.amecfw.com
 Owner (Public): Rural Municipality Of Spy Hill
 No. 152
 Carey Nicholauson
 PO Box 129 SPY HILL
 SK S0A 3W0
 Notes: DEWB55 - Site meeting on October 14 at 1 pm (CST)
 Bonds: 5% Bid Bond. 50% Performance Bond. 50% Payment Bond.
 Plans available from: Owner (Public)
 Additional features: For Installation of Large Diameter Culverts

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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