

Canadian

Design & Construction

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Report



EDAC's annual conference in Whitehorse:

be different

**BONE Structure system
"extremely intuitive"**

**North American Passive
House Conference 2015**

**Women in
Construction**

**Liberals to double federal infrastructure investment,
creating joy in Canada's design and construction community**

Canadian Design & Construction Report

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

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Editor's viewpoint



You'll read plenty of good news in this issue of Canadian Design and Construction Report.

The story of the new Liberal government's plans for infrastructure spending should bring smiles to your face, even if you (politically) are a die hard Conservative, at least in the context of spending and business opportunities for AEC businesses throughout the country.

Government funding, coupled with private investment and resources, should also create positive vibes within the nation's economic development community, as we report on initiatives, projects and activities of the Economic Developers Association of Canada (EDAC) and its members.

There's also technology and environmental innovation coverage. See the story about the BONE Structure building system and an extensive Passive House feature.

Overseas, you'll notice an article about Ireland and its recovery from a big bust in the not too distant past, reminding us that even if things can be tough for a while, resilient and resourceful businesses make their way through to better times.

Of course, I welcome your story ideas and suggestions for future issues.

It looks like 2016 will be a happy and prosperous year. Best wishes for you and your families as the Christmas holiday season approaches.

CaDCR editor Mark Buckshon can be reached by email at buckshon@cadcr.com, phone at (888) 627-8717 ext 224 and he writes a daily blog at www.constructionmarketingideas.com.

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Liberals to double federal infrastructure investment, creating joy in Canada’s design and construction community

Canadian Design and Construction Report staff writer

The new Liberal government’s plans for a massive increase in federal infrastructure spending has generated much enthusiasm within Canada’s design and construction industry community.

The scale of the investment – nationwide doubling infrastructure expenses to nearly \$125 billion over 10 years from \$65 billion – will create mammoth sized opportunities for the industry, especially in the Liberal’s priority areas of transit, green projects, and social infrastructure (including senior and low income housing, and recreational and learning facilities.)

The Liberals don’t break down how much will be spent in specific provinces and territories. Notably, when the Conservatives introduced a major infrastructure stimulus program after the late 2008/9 financial crash much of the money found its way to the National Capital Region, though the

longer-range plans appear to be intended to distribute the wealth more widely across the province and country.

In the election campaign, the Liberal Party promised: “Each year over the next decade, we will steadily increase federal infrastructure investment.”

The party platform – which can be implemented without hindrance with a Liberal parliamentary majority – says

the added additional investment will be \$9.5 billion a year. “This will almost double federal infrastructure investment to nearly \$125 billion – from \$65 billion – over 10 years, which will be the largest new investment in infrastructure in Canadian history.”

The Liberals also promised to develop bilateral agreements with the provinces (including Ontario) and territories, “similar to those created for the successful gas tax transfer to cities and communities.”

“We will not only significantly increase the sale of federal infrastructure investment; our plan will provide provinces, territories and municipalities with an unprecedented level of long-term predictability in funding as well. This will be done in full respect of provincial jurisdiction.”

To add to more immediate stimulus, the government plans to double federal infrastructure investment in the next two years to \$10 billion per year from \$5 billion.

New infrastructure spending (\$ Billions)			
Year	Public Transit	Social	Green
2016-17	1.7	1.7	1.7
2017-18	1.7	1.7	1.7
2018-19	1.2	1.2	1.2
2019-20	1.2	1.2	1.2
2020-21	1.5	1.5	1.5
2021-22	1.8	1.8	1.8
2022-23	2.2	2.2	2.2
2023-24	2.5	2.5	2.5
2024-25	2.8	2.8	2.8
2025-26	3.2	3.2	3.2
10-year total	19.7	19.7	19.7

The funds will be allocated to public transit, social infrastructure and green infrastructure.

For transit, the government proposes to more than triple federal investment over the next four years and quadruple it over 10 years. Specifically, the Liberals say they will boost public transit spending by \$6 billion over the next four years and almost \$20 billion over 10 years.

Similar allocation/increases will be provided for social infrastructure projects and what the Liberals call "green infrastructure" with priority in "affordable housing and seniors facilities, early learning and child care, and cultural and recreational infrastructure" as well as "local and wastewater facilities, climate resilient infrastructure, clean energy and clean-up of contaminated sites to facilitate new construction."

The government says it will "reform and increase the transparency of the New Building Canada Fund by providing clearer project criteria and faster approval processes."

The Liberals say their government

"will automatically transfer any uncommitted federal infrastructure funds near the end of any fiscal year to municipalities, through a temporary top up of the Gas Tax Fund. This will ensure that no committed infrastructure money is allowed to lapse but is

To add to more immediate stimulus, the government plans to double federal infrastructure investment in the next two years to \$10 billion per year from \$5 billion.

always invested in communities across the country.

The government says it will establish The Canada Infrastructure Bank (CIB) to "provide low-cost financing to build new infrastructure projects."

"This new CIB will work in partnership with other orders of governments and Canada's financial community, so

that the federal government can use its strong credit rating and lending authority to make it easier – and more affordable – for municipalities to finance the broad range of infrastructure projects their companies need," the Liberal policy statement says. "Lending from the CIB will be linked to balance sheet assets, and will not require any increase in the federal government's accumulated deficit.

The government says the new CIB will issue Green Bonds "and make green infrastructure projects more attractive to private investors by offering loan guarantees, reducing financing costs and risks, and bundling small projects into attractive offerings for investors.

"The Green Bonds will fund projects such as the electrification of transportation, smart grid technology and transmission lines for renewable energy, electric vehicle charging stations and clean power storage. Where appropriate, the CIB will issue Green Bonds to the public so they too can invest in such projects."



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Industry associations and businesses enthusiastic with Liberal infrastructure spending plans

Canadian Design and Construction Report staff writer

Several industry associations and businesses have expressed enthusiasm for the federal government's planned multi-billion (and multi-year) infrastructure investment program.

Here are some of the comments:

Canadian Construction Association (CCA)

CCA president Michael Atkinson says in published interview: "The fact they (the Liberals) are a majority government gives them some time to put in place the people they want and get on with the job. If it had been a minority situation, especially if it had been a slim minority situation, governments tend to go into re-election mode rather than sticking with their platforms. (The Liberals have a solid majority with 184 seats in the House of Commons.)

"It gives us a little more certainty that we're going to see something rolled out," he said. "Frankly, certainly the infrastructure programs are very important because I think it allows other levels of government to plan."

Association of Consulting Engineering Companies Canada (ACEC)

"Infrastructure is an investment in social, economic and environmental quality of life," said ACEC president John Gamble. "We need to both expand and renew our infrastructure. Infrastructure is what enables our economic activity, it is what connects and grows our communities," he said in a published report.

"We are not just throwing money at the issue," Gamble said. Contractors, investors and consulting engineers are "all looking for long-term predictability so that we can make our respective investments in our capacities to deliver infrastructure."

Cement Association of Canada (CAC)

The CAC says it is pleased that the Liberal Party has committed to national leadership on climate change and to joining with the provinces and territories to put a price on carbon and reduce carbon pollution.

The Liberals have committed to a \$2 billion Low Carbon Economy Trust that will fund projects to help reduce carbon emissions and, appropriately, help place municipalities at the forefront of renewed investment in green and more prosperous communities, the CAC said in a news release. "As these and other infrastructure investments are made, the CAC urges the new government to make life cycle assessment a core tool for decision making as they seek the greatest economic, environmental and social value from investments in our built environment," said Michael McSweeney, the CAC's president and CEO.

Royal Institution of Chartered Surveyors (RICS)

The RICS says its surveys indicate that infrastructure projects could help



drive the growth of Canadian construction workloads over the next 12 months. And the recent election results “appear to make this even more likely, longer and stronger, based on the polling results and reaction from respondents,” it says. Canadian construction professionals participating in RICS’ quarter three 2015 survey (conducted before the election) had predicted their total workloads would increase about 2.87 per cent over the coming year, with the infrastructure section foreseen as the driver of growth.

Given the massive Liberal infrastructure commitments and the government’s “willingness to run a deficit to fund them in the short term, the infrastructure sector in Canada should be busy for years to come,” said Dominic Leadsom with Turner and Townsend in Toronto. “For RICS and other infrastructure professionals, this provides a welcome boost and a significant opportunity to use their expertise in expediting the delivery of these projects.”

“This new federal spending will have a significant and positive impact on workload,” agrees Liam Murray, principal of JLM Development Facili-

tators in Vancouver – and probably without the customary transitional “freeze.” “How much infrastructure spending increases, or even if it does, depended on who won the election. Historically, when there is a change in government there is invariably a period when the incoming administration will evaluate the overall financial situation. This usually means a short-term spending freeze, delaying capital projects in the pipeline. However, with the big win for the Liberal Party, which ran on a platform of increased capital spending and three years of deficits to fund that spending, this is now unlikely to occur.”

Royal Architectural Institute of Canada (RAIC)

The new government “has an unparalleled opportunity to create resilient communities, build a strong and diverse economy and foster healthy workplaces that support productivity,” says RAIC president Sam Oboh.

“The federal government is Canada’s single largest owner of buildings and land,” he said. “As such, it has a central role in setting the highest standards of excellence and envi-

ronmental sustainability to maximize the benefits to Canadians, achieve value for money and position Canada as an international leader.”

Aecon Group

President and CEO Teri McKibbin says he’s looking forward to competing for some of the federal government’s planned new infrastructure spending.

“Obviously, it’s a competitive process,” he told the Business News Network (BNN). “So we have to be successful, we have to have the appropriate team in place to be able to target certain projects that we’re interested in.”

McKibbin says he expects Aecon will benefit fairly quickly from the new spending, especially for the company’s division focusing on smaller municipal projects.

“Those (business units) will respond fairly quickly to new investment by municipalities and access to that funding through various vehicles,” he said. “I think six to nine months is a reasonable timeframe for that type of a program to roll out and get approvals.”





Pomerleau receives two of three CanBIM national awards

Canadian Design and Construction Report staff writer

The Canada BIM Council (CanBIM) has announced the first National CanBIM Awards, recognizing excellence in Canada's Building Information Modelling (BIM) community.

CanBIM handed out awards in Innovation, Interoperability, and Best In BIM categories.

Quebec based general contractor Pomerleau earned top honours in two of the three categories, taking home awards for Innovation and Best In BIM. The awards recognized Pomerleau's work on the Place Bell Cultural and Sports Centre in Laval, P.Q., and outstanding implementation throughout design to construction on the multi-functional amphitheatre Videotron Centre, also in Laval.

In the Innovation Award category, Pomerleau edged out projects from Turner Fleischer Architects (Toronto)

with Scanning Implementation Technology, and Calgary's GEC Architecture's YYC/TCP Baggage Handling System; and for the Best In BIM award, McGill University Health Centre Glen Site from SNC Lavalin (Montreal) and DIALOG's Brookfield Place Calgary.

"All nominees demonstrated great execution of BIM," said CanBIM president Allan Partridge. "But Pomerleau demonstrated exceptional strength in their respective award categories, as seen by our experienced evaluators. We are proud to have received so many great submissions."

Meanwhile, architecture and interior design firm DIALOG's Calgary office took home top honours in the Interoperability category for demonstrating exceptional, seamless data transfer across software platforms on the Grande Prairie Regional Hospital project. Runners up in the Interoperability award category were GEC Architecture for YYC/TCP Baggage Handling System



and Halifax based surveying and engineering firm Servant, Dunbrack, McKenzie & MacDonald for the BioVectra Plant Renovation.

“Our independent CanBIM evaluators represent a great cross section of the architecture, engineering, construction, owner and operator industries,” said CanBIM executive director Gerry Lattmann. “They did a great job evaluating and selecting our outstanding nominees and winners for the inaugural CanBIM Awards.”

On Oct. 1, following the CanBIM Awards and AGM, Canada BIM Council hosted its Calgary regional session and technology exhibition, the third and final 2015 regional session of 2015.

The presentations and roundtable discussion focused on the “Business of BIM” and how the decision to use BIM has become an important ingredient in the success of the Canadian design and construction community’s businesses and organizations.

CanBIM’s board handed out CanBIM Certification Certificates to a record 43 recipients, more than double the amount of the last two rounds combined. This latest round of CanBIM Certification received more than 70 applications; the assessment process was both rigorous and thorough. Notably, Turner Fleischer Architects delivered more than 60 of the 70 plus applications.

“It’s a great time to be a part of CanBIM as it rapidly becomes a mature, vital and leading organization representing Canada’s BIM community,” said Pietro Ferrari, chair of CanBIM’s education and research committee. “The success of the awards and the ever growing interest in the certification program are clearly an indication of this momentum. CanBIM certification will prove to be the gold standard for benchmarking BIM excellence in Canada.”

The CanBIM board elected Christian Proulx, an Aéroport de Québec project manager, as its newest board member.



Innovative procurement through competitive dialogue:

Opportunities and solving the pitfalls



*By Rich Yehia
Special to Canadian Design
and Construction Report*

In order to adapt to the changing needs of the marketplace, innovative procurement processes are emerging within the complex framework of the current judicial consideration of procurement issues. One such innovative process is “competitive dialogue” whereby a procuring authority develops an outline for its project requirements and tasks the responding proponents with developing their own unique proposals to meet the needs of the project.

Proposals can take on a variety of forms with the only limitation being the project requirements. After proposals are received, there is a well-defined prescribed process to enable each pro-

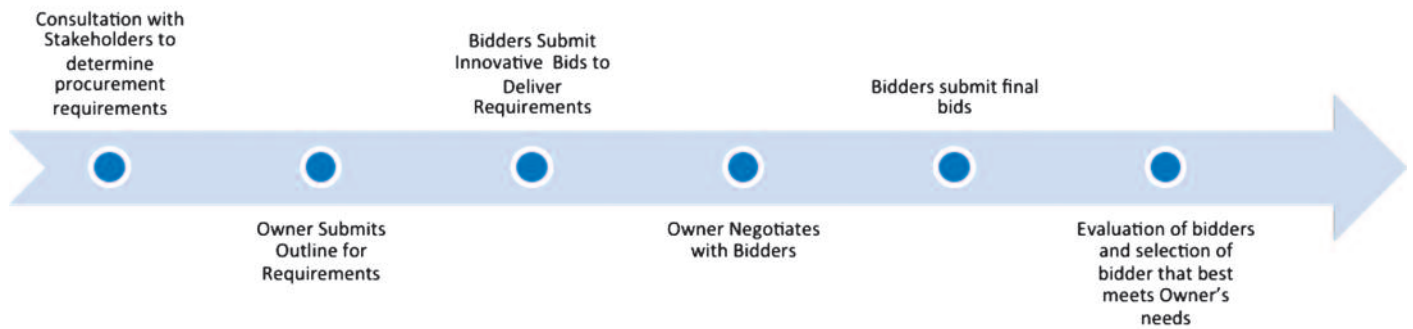
ponent with a viable proposal to go through a confidential negotiation process with respect to their proposal. After negotiations, the proponents then submit a best and final proposal. The proposal that best fits the need of the procurement authority is selected.

While there are certainly situations where other procurement methods may be more appropriate, conceptually, competitive dialogue appears to have great potential to provide a new, strategic, and innovative means for procurement in certain circumstances. However, given the limited experience with competitive dialogue in Canada, and the relatively recent application in Europe, there are risks that need to be carefully considered and managed.

One significant consideration with competitive dialogue is to ensure the procurement process does not offend

legal restrictions with respect to bid shopping. Bid shopping is essentially where a tendering authority uses bids submitted primarily as a negotiating tool. At first blush, it would appear difficult to reconcile the avoidance of allegations of bid shopping with a negotiated procurement process. However, a competitive dialogue process is more nuanced and appropriate safeguards can be built into the instructions to bidders to keep confidential the negotiations and bidder information to minimize any such risk.

Another consideration, at least for public sector institutions, is the applicable procurement directives that must be adhered to in any procurement. One imposition imposed by such directives may be the need for a procurement to include standardized evaluation crite-



ria, and to adhere to the principle of transparency. Again, these concerns should be manageable in the instructions to bidders with a carefully crafted selection process that identifies who will be involved in the selection, and the criteria for determining the best value. The expectation is that different project delivery proposals will be considered objectively using pre-set criteria, which should assist to mitigate the risk of requiring a standardized evaluation process.

For a procurement involving differing proponent methodologies or specific propriety products, or a situation where the owner does not know what specific solutions are available in the

marketplace to best meet its needs, a rigid traditional tendering process may not provide the flexibility for innovation when compared to a competitive dialogue process. However, as with any new procurement method, appropriate legal diligence is required to ensure a successful process. This should not be a deterrent. While there will no doubt be a period of trial and error with the competitive dialogue process before sufficient learned lessons evolve, these lessons will refine the process for the Canadian marketplace. It can be anticipated that the development of competitive dialogue in Canada can result in an additional effective procurement tool.



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SALARY OR DIVIDENDS: What does a business owner do?



By Richard W.R. Yasinski CFP

Incorporated business owners have the option of earning salary or dividends or a combination of the two. Don't think this is exciting? As a financial planner working with business owners and their long term income plans, I know it's not how much my clients make but what they get to keep. How would you like to keep more?

There are a number of strategies and opinions on the ideal salary/dividend mix and I'll explain mine. You can check the numbers below with this simple income calculator <https://simpletax.ca/calculator>. I encourage you to use your own numbers and drop me a note if you have questions.

Assuming you earned \$150,000 of salary from your incorporated business in Ontario you would pay \$48,172 of federal and provincial taxes and keep \$101,172. However you would also have to contribute \$2,479 to CPP personally and your corporation would contribute another \$2,479 on your behalf.

Your corporation would avoid paying tax on its contribution so your total personal and corporate payment to CPP would be about \$4,586, in effect paying for two Canada pensions but only ever being able to draw one. So in earning a salary you would end up paying a total of \$52,758 in taxes and CPP contributions. Each year you contribute to your CPP increases your pension – I'm still working on getting exactly how much it does increase your CPP but I'm finding it difficult to get this info.

How you feel about paying into a Canada pension is an important consideration regarding how you divide your salary and dividends. Our Canada pension provides an indexed income for life – typically the only guaranteed income (along with Old Age Security) a business owner will

ever get. Our Canada pension also pays disability benefits and a survivor pension which may be important to some people.

However, in my own incorporated practice, I find it distasteful having to pay for two Canada pensions if I withdraw a salary even though I will only ever collect on one! I'm also very comfortable investing the \$4,586 I would have paid into Canada pension and having the flexibility of when and how much I withdraw in retirement. So I'm not compelled to contribute to my Canada pension given it costs me twice as much and am comfortable investing those contributions.

If we went to the other extreme and withdrew \$150,000 of dividends (ineligible – because they are from your private corporation) the amount of tax paid would be \$33,659, no CPP contributions, and you would keep \$116,341. Drawing dividends allows you to keep \$15,169 plus the \$4,586 in CPP contributions for a total of \$19,755. Now, if you invested that \$19,755 in a diversified equity portfolio I wouldn't have to do the math to confirm you would be farther ahead than you would with your Canada pension.

The disadvantage of earning dividends is no RSP room is created. RSP room is created only when a salary is earned – 18 per cent a year to a maximum of \$24,930 for 2015 increasing each year with CPI. However, with TFSA's and corporate investment accounts, there are other arguably more long term tax efficient options for your investments. Investing for business owners will be the topic of my next article.

A variation on the strategy – what if you had all kinds of RSP room? You can then take advantage of that room by earning in salary exactly equal to your RRSP contributions and withdrawing the rest as dividends. Your salary is 100 per cent tax deductible so the small business corporate tax rate of 15 per cent is avoided.

Yes you would pay 4.95 per cent of your salary to CPP and your corporation does contribute the other half (4.95 per cent) on your salary but if your RSP contribution is \$20,000 then you pay \$990 to CPP, your corporation pays the same but avoiding 15 per cent corporate tax so the net effect is you get to make an RRSP contribution of \$20,000 and costing you only \$1,813 (4.95 per cent of \$20,000 = \$990 + (990 – 0.15 per cent of 990) in CPP contributions but avoiding \$3,000 in corporate tax.

Summary

Withdrawing dividends from your corporation can mean you keep more of your income – up to certain limits. Some of this additional income is withdrawn at the cost of not contributing to CPP. However, this does give you greater freedom to invest more flexibly and for greater long term tax efficiency – and as a business owner you are investing right? You don't have all your future retirement income tied up in your business, do you? I'll cover this in my next article.

Richard Yasinski is an independent financial planner with his own firm, Financially Sound Inc., in practice in Ottawa since 1996. He can be reached by email at ryasinski@financiallysound.ca or by phone at (613) 271-9994 ext. 101.



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Improvise, Adapt and Overcome



How Irish construction companies survived the Celtic Tiger bust

By William Og McCawley
Special to Canadian Design
and Construction Report

“Improvise, Adapt, Overcome” is an unofficial slogan believed to have originated among U.S. Marines and made into a world recognized phrase by Clint Eastwood’s movie, Heartbreak Ridge. In business the ability to improvise, adapt, and overcome problems will be forever necessary regardless of how well equipped or prepared you are. The need to be agile and flexible in order to respond to changes within your company’s immediate environment and industry is a must.

Honing this ability will serve you well. These skills can be cultivated and applied easily in any setting. Get creative. No one can take a skill away from you. It boils down to changing your company’s current perspective, engaging the creative minds of your workforce, ensuring a learning environment exists, and overall, enhancing the physical, mental, and spiritual capacity of your workforce, thus increasing overall productivity.

Goodbye Celtic Tiger

Following the subsequent financial collapse and the bursting of the so called Irish Celtic Tiger, companies op-

erating within the construction industry in Ireland had to either improvise, adapt and overcome or face extinction. Now some eight years after the Irish construction bubble burst we look at company success stories following how they improvised and adapted to this new economic environment and how they overcame it.

Irish construction success stories

Hill Engineering is one such company that has had to adapt in order to stay competitive. This approach has resulted in an innovative workforce demonstrated, not least, by their latest product, the Tefra Quick Coupler. This product is a perfect example of innovation to solve a problem, designed to ensure safety and eliminate one of the most dangerous aspects of handling attachments - the subsequent risk of it coming away completely.

Another Irish based company has adapted an innovative approach to how it minimizes waste production, with all materials used on its construction sites obtained from environmentally friendly sources wherever possible. This sustainability laid approach has helped Lagan Construction not only procure work throughout Ireland but also provided them with a competitive edge that other construction companies are yet to offer. This has resulted in them obtaining large scale construction builds such as Olympic Stadium in England and three airport contracts in the Isles of Scilly, Bristol in the U.K. and Minot Air Force Base in North Dakota, U.S.

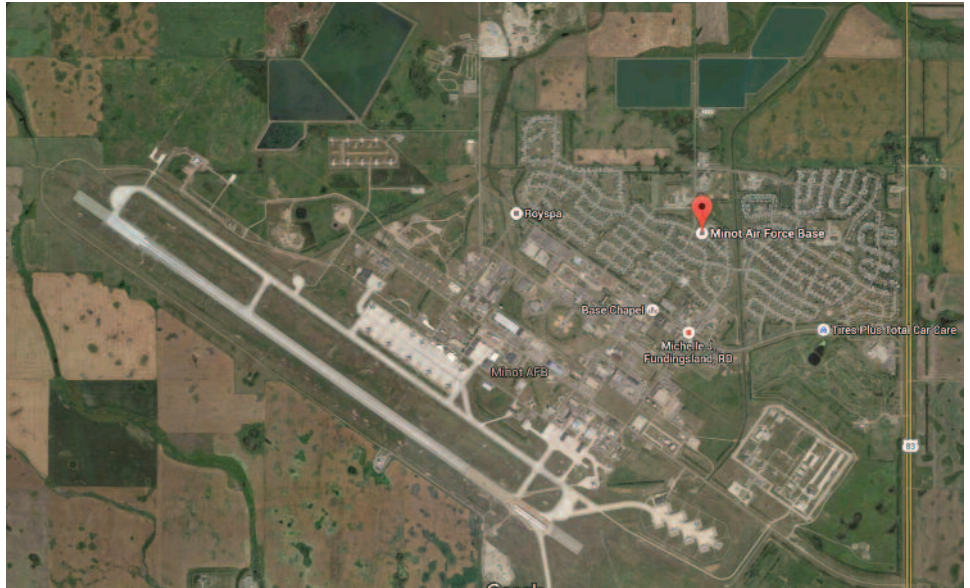
Economic decline also resulted in homeowners and perspective homeowners looking at ways to make energy savings. This had a knock on effect on the construction industry with a need for more eco-friendly, sustainable homes. Sextants Construction recognized this new market want and adapted its own approach to meet this demand. They now focus solely on energy efficient construction, continually increasing and refining their skills and abilities to improve the quality of the product and service that they provide.

Conclusion

It is clear these companies all have one common denominator and that is their ability to improvise, adapt and overcome great obstacles in their own business environment and industry. In these cases, economic ruin was overcome with bright new products with great futures ahead for all.

More important to note each of these companies have been publicly recognized by the Irish construction industry with certificates and accolades showing them each to be market leaders in their field. The future is bright for all of these companies with the Irish construction industry releasing its best performance figures in almost two years in the last quarter of 2014.

The writer is a professional Irish blogger.



BRITISH COLUMBIA

Vancouver councillors approve tearing down of Georgia and Dunsmuir viaducts



Vancouver city councillors have recently decided (by a 5-4 vote) to tear down the 44-year-old elevated Georgia and Dunsmuir viaducts, replacing the structures with a new at-grade road network, expanding Pacific Blvd. to six lanes, with a 13-acre park and denser False Creek office/condo communities.

"We're at the edge of a really exciting opportunity," Mayor Gregor Robertson said, describing the viaducts as "a relic of a failed transportation policy."

Council has asked planners to provide a clear plan on how to fund the estimated \$200 million removal, a process that could take 18 months. The planners believe that developer contributions and land sales or city property leases will cover the costs, generating an additional \$100 million to construct amenities such as a school or daycare.

The viaducts, which replaced an even older Georgia Viaduct in 1979, could technically remain standing for a few decades, but city planners say the city would need to spend upwards of \$50 million to maintain them so they wouldn't collapse in an earthquake.

Notably, Green Party Coun. Adriane Carr sided with the right of centre Non Partisan Association councillors in opposing the removal, calling it an "incredible gift to developers." She said in the process, developers' interests trumped citizens'. "They stand to make an enormous amount of profit."

ALBERTA

Calgary Cancer Centre to be built in 2017

The NDP government has pledged \$830 million over five years to build a new Calgary Cancer Centre, replacing the aging Tom Baker Cancer Centre at Foothills Hospital.

Work will start in 2017 and is expected to be completed by 2024. The facility will be built on the health campus' northeast corner.

New home construction in Calgary declines to lowest level since 1988

With the oil recession well under way, Calgary new home construction is expected to decline to levels not seen in more than 25 years.

The Canada Mortgage and Housing Corporation (CMHC) has reported that housing starts in the area will decline 30.5 per cent this year, to 11,900 units, followed by a further 16 per cent drop next year, to 10,000 units. There will be a slight two per cent rebound in 2017, CMHC predicts, as job creation and net migration improve.

"The economy continues to face headwinds largely centred around the decline in the price for oil," said CMHC analyst Richard Cho. "We're also seeing that reflected in the housing market."

"As far as our forecast goes, we're not expecting to see a quick rebound in activity because the price for oil will remain relatively low for the next couple of years and that will obviously have an impact on employment growth, migration and income."

Edmonton proposes tougher construction inspection standards

Edmonton councillors say the city needs an integrated inspection team with sharper teeth to deal with the problem of sloppy and irritating construction practices in mature neighbourhoods, the Edmonton Journal has reported.

Neighbours have been complaining about excavations without safety fences or signage, flooded basements

and rattling foundations, as well as messy sites.

City staff have proposed changes including higher fines and pulling business licenses for non-compliance. Councillors added to the proposals including asking staff to develop an integrated team of enforcement officers that could start doing routine inspections, rather than simply responding to complaints, the newspaper reported.

"They'll investigate the possibility of requiring performance bonds to protect city and/or private property, and requiring developers to document preexisting conditions with photos."

SASKATCHEWAN

\$842 million road and infrastructure construction budget: Not all of it will be spent

The Saskatchewan government says it has completed a massive volume of road and infrastructure construction this year.

"As you know, the construction season in Saskatchewan is pretty short because of our weather. And, we were blessed with a very good fall," highways and infrastructure minister Nancy Heppner said.

She said the ministry had an \$842 million budget but the final calculation on how much was spent will be determined once the work ends – however it will be less than what was budgeted.

"We won't know exactly how much was spent until all the contracts have wrapped up and we know exactly what was completed. Every year, there are some projects that don't get done ... there's delays in those," she said.

Saskatoon contemplates stricter rules to make construction work zones safer in 2017

Officials say they are receiving reports daily of motorists disrespecting construction zones. Some drivers are failing to reduce their speed, but most issues arise when motorists ignore 'local access only' signage and even move traffic barriers.

Next year, the city may implement immovable barriers and full street closures around construction sites because of ongoing incidents.

Despite challenges, the city has seen improvement at short-term/moving sites, according to a published report. It attributed the success to better signage and more rigorous safety inspection requirements.

MANITOBA Premier defends \$35.3 million stadium repair loan guarantee

Manitoba Premier Greg Selinger is defending a loan guarantee of \$35.3 million to repair Winnipeg's new football stadium and is facing a call for the auditor general to investigate its construction, CTV News has reported.

The money is to be used to fix problems that surfaced after Investors Group Field opened three years ago at a cost of \$209 million – almost \$100 million over budget. The loan guarantee will allow repairs to begin immediately following the CFL Grey Cup game next month, Selinger said.

"It makes sense to provide a loan guarantee to have the cash flow that will allow the stadium to be fixed up as soon as possible, because that will reduce the cost to everybody going forward," he said. "It's a safe stadium right now. We've been assured of that."

The stadium has been plagued by leaks, insufficient insulation to keep plumbing working in winter and poor drainage. It also needed immediate renovations to make it usable for con-

certs and to heat the press box. More than \$4 million has already been spent for repairs to ceilings and concrete.

The Triple B Stadium consortium owns the stadium, comprising the city, province, Winnipeg Football Club and University of Manitoba, where the stadium is located. Triple B has filed a lawsuit claiming the architect and builder should be made to pay for the extensive repairs the owners allege were due to faulty design and construction.

Construction company Stuart Olson, in turn, alleges that the provincial government approved the design without regard for such issues, according to published reports.

ONTARIO Toronto rental renaissance: New apartments under construction hitting 25-year high

Toronto is experiencing a rental renaissance with the number of new apartment units under construction hitting a 25-year high this year.

There were 26 apartment buildings under construction in the Toronto area in the third quarter of the year, containing more than 6,500 rental units, according to a new report by real estate market research firm Urbanation Inc.

Developers have proposed another 43 rental buildings containing more than 10,000 units. Most of the buildings are being developed in the city core, although the list of projects includes several in the inner suburbs, such as Scarborough and North York, along with a handful in the 905 region as far afield as Newmarket and Ajax.

Toronto prepares to make COR certification mandatory for larger projects



The City of Toronto is preparing to make the Infrastructure Health and Safety Association's (IHSA) Certificate of Recognition (COR) certification mandatory for larger construction projects beginning in 2017.

"This is clearly going to affect many hundreds, possibly up to 1,000 contractors bidding on city projects," said David Frame, the Ontario General Contractors Association's (OGCA) director of government relations.

The city plans to require COR as a prequalification requirement for general contractors on jobs greater than \$25 million beginning in January 2017, \$10 million in 2018 and \$5 million in 2019.

Bill De Angelis, Toronto's director of engineering and construction services, said in a statement he could not say specifically how many contractors or how much work volume would be affected by the new rules "as our programs are still being finalized."

"Suffice it to say, the city's capital works program is significant today and is expected to increase in the coming years to address state of good repair and growth needs," he said.

Ottawa permits decline in September to \$257 million from \$481 million for the same month in 2014

The City of Ottawa has reported 800 building permits in September, with a value of \$257,244,232. This is a significant decline from the \$481,612,635 in permits recorded for September 2014, and reflects a continuing decline in the



overall year to year construction permit volumes.

Overall, year to date (January to September), the totals are \$1.61 billion in issued permits, compared to \$2.1 billion last year.

Bill 73: New rules could double transit related costs for Ottawa new home purchasers – creating a 12-fold difference

John Herbert, executive director of the Greater Ottawa Home Builders' Association (GOHBA), has sent a letter to Ontario community services minister Yasir Naqvi outlining the association's concerns about the proposed legislation to amend the Planning Act that, if passed in its current form, sets the stage for a potential doubling of Ottawa area home purchasers' transit related costs.

The letter, sent on Sept. 10 following consultations on Aug. 21 with GOHBA representatives, outlines the concerns the association has about the legislation's impact on housing affordability.

In the letter, Herbert suggests the current true cost of transit (including development charges, interest on the higher homeowners' purchase costs, and the regular taxes that everyone has to pay) is \$10,638 in the suburbs, compared to \$1,785 for existing homeowners – a differential of six times.

Herbert, along with past and current GOHBA presidents Pierre Dufresne and Bob Ridley, attended the meeting.

Bill 73 would allow the city to double these costs, he indicated.

"One of the biggest contributors to the affordability challenge has become development charges," Herbert wrote. "We believe that it is critical to open a discussion on alternative methods of financing municipal infrastructure. One example of this problem is the category of transit charges in both the Development Charge (DC) Bylaw as well as the additional amounts that will come into effect with Bill 73.

(The government introduced the legislation in the spring, and it has been referred to the Standing Committee on Social Policy.)

QUEBEC

The Edelweiss House in Wakefield, Quebec, becomes Canada's first LEED v4 certified building and the second LEED v4 Platinum certified home in the world

The Canada Green Building Council (CaGBC) has announced that Eco-home's Edelweiss House project, a passively heated, cold climate demonstration home in Wakefield, PQ, has become the first project in Canada to earn LEED v4 certification.

Edelweiss is not only the first project in Canada to be certified under LEED v4, but it has also earned the highest level possible – Platinum – making it only the second LEED v4 home in the world to reach LEED's



most rigorous level CaGBC says.

The hyper-efficient cold climate house boasts an average price tag and an extremely low operational budget. The 1,522 sq. ft. home, 40 minutes from Ottawa in the Gatineau Hills, cost less than \$250,000 to build and its energy bills are estimated to be less than \$1.40/day. In comparison, a standard new home of comparable size consumes roughly 10 times more energy.

The Edelweiss House was designed and built by Emmanuel Cosgrove and Mike Reynolds, co-founders of Eco-home. "We don't really build anymore as our mission is education," they say. "We undertook this project to show builders and homeowners that it isn't that hard or expensive to build better performing homes, and that your true monthly overhead can actually be lower, right from the moment you move in."

The home will now be used for full day workshops, as well as for short-term rentals that allow building professionals or future homeowners to experience the comfort of a passive solar home first hand.

"The Edelweiss House is a phe-

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nomenal achievement – the first Canadian project to meet the stringent requirements of the latest version of LEED at its highest level,” said CaGBC president and CEO Thomas Mueller.

Canada currently has nine additional projects registered for LEED v4 certification.

Plan Group Inc. acquires Gastier M.P. Inc.

Plan Group Inc., a Canadian technical services provider and subsidiary of Bouygues Energies & Services, has acquired Gastier M.P. Inc. from Investissements Hexagone Inc. (IHI). Based in Anjou, Québec, Gastier generated more than \$140 million in revenue in 2014 with 120 permanent employees and approximately 500 hourly employees.

Gastier specializes in electrical, instrumentation, piping, plumbing and mechanical works, maintenance of industrial plants and steel construction. Established in 1971, Gastier has developed a reputation as a leader in the Quebec construction industry with its unique, multidisciplinary approach and superior customer service.

This acquisition is an important step in Plan Group’s national growth strategy, the company says in a news release. Gastier represents a significant advance for Plan Group into the dynamic Quebec marketplace. The acquisition solidifies Plan Group’s presence in the industrial sector while expanding its electrical and mechanical construction capabilities and relationships within the commercial construction and services sectors. Also it provides Plan Group the opportunity to further advance and market its innovative ICAT (Information, Communications and Automation Technologies) service.

Gastier’s management team will remain in place, as will the company name, logo and brand.

“Gastier is an excellent partner for Plan Group. It is a longstanding company with a solid brand, strong management team and consistent values,” says Plan Group CEO Bill Kurtin. “We’re very excited about what this means for our future.”

NEW BRUNSWICK Dieppe builder recognized as a Canadian leader in energy efficient construction

Dieppe based builder Jacques LeBlanc of Metropolitan Homes has received a Lifetime Achievement Award from the Canadian Home Builders’ Association New Brunswick (CHBA-NB) for his work on energy efficient construction at a recent association meeting.

The builder also received a letter of achievement signed by Carol Buckley, director general of Natural Resources Canada’s Office of Energy Efficiency.

LeBlanc was also awarded the R-2000 CHBA-NB Builder of the Year for Multi-Unit Construction Award. This was the 20th consecutive year he received the award.

LeBlanc and his team have built more than 300 R-2000 homes in his subdivisions in the Dieppe and Moncton area. In fact, LeBlanc is one of only three builders in all of Canada who has built more than 300 R-2000 homes.

Over the past three decades, LeBlanc’s R-2000 homes have reduced greenhouse gas emissions by 820 tons annually – the equivalent of taking 174 cars of the road each year, the CHBA-NB said in a news release.

LeBlanc has also volunteered thousands of hours as president of both his local and provincial home builders’ associations. He has also served as the Atlantic Home Warranty Program’s president. In addition he served on the national board of directors of the CHBA and on countless committees and councils.

Heavy Equipment Show to celebrate 30 Years of ‘Getting the Job Done’

Atlantic Canada’s most comprehensive heavy equipment show will return to the Moncton Coliseum Complex April 7 and 8, 2016.

Celebrating its 30th anniversary in 2016, the Atlantic Heavy Equipment Show has evolved into what organizers say is a “must-attend event for the heavy equipment, roadbuilding,

forestry, landscaping, and municipality sectors – boasting a vast indoor and outdoor showcase of the latest products, services, and big iron.”

“Major investments in infrastructure are happening right now across the Atlantic provinces,” said national show manager Mark Cusack. “And this mammoth show will have all of the machinery and equipment these big projects will demand. Every square inch of the Moncton Coliseum will be filled, plus we’ll have an additional 80,000 sq. ft. of outdoor exhibit space.”

The show occurs every two years. The last show in 2014 attracted more than 13,000 visitors.

NOVA SCOTIA ABB showcases job opportunities for \$400 million Maritime Link project

A Swiss company awarded a \$400 million contract to design and install converter stations for the Maritime Link has launched a microsite at <http://new.abb.com/ca/maritime-link/procurement> to showcase its job opportunities.

ABB Canada started construction a few weeks ago on its portion of the Maritime Link project by preparing the sites for the installation of the converter station equipment in Woodbine, Cape Breton County, and Bottom Brook, NL.

The converter station equipment installation is scheduled to start mid-2016 and will take about a year to complete.



PRINCE EDWARD ISLAND Skilled trades shortage looms

There continues to be a shortage of skilled trades workers on P.E.I., with electricians, plumbers and carpenters particularly in demand, a problem many in the industry say is about to get worse, CBC has reported.

In Canada, 250,000 people are expected to retire from skilled construction work in the next several years, Sam Sanderson, general manager of the Construction Association of P.E.I. said in an interview with the broadcaster. He said it's urgent to get young people interested in the trades.

"We need to get youth involved, get some excitement into it for them, really show them what the trades sector and construction industry is all about," said Sanderson.

As an example, most trades students won't have to look far to find work once they graduate from Holland College's Summerside campus.

Kent Sheen, the college program manager for Industrial Technology and Trades, said employers often seek out students months before graduation.

"The resounding comments from all of our trades advisory groups are yup, we're having challenges, yup, we're always on the lookout for people," he said.

NEWFOUNDLAND AND LABRADOR Tenders called for new Virginia Park Elementary School

The provincial government has issued a call for tenders for the next stage of construction on a new Virginia Park Elementary School in St. John's.

The province spent nearly \$8 million to carry out site development, and this latest tender call is to complete the building, CBC has reported. "This is a tremendous investment in the families and community of Virginia Park which will result in a modern learning environment," said Transportation and Works minister David Brazil.

Earlier, a member of the school

council questioned why it's been months since any construction has taken place on the site of its replacement school, in the east end of the city.

In a statement, the department said the tender delays are "due in part to unforeseen issues that were identified with the site for the school, and site preparation."

The site sits atop a former American military base. Site remediation has revealed buried debris, including an airplane fuselage.

Harvard students visit rural Newfoundland

A group of Harvard University architecture students spent a week in Newfoundland communities in October helping the towns develop innovative new designs and expansions.

The 14 Masters students visited Harbour Grace, Twillingate, and Port Union as part of the Outports in Transition program, studying the towns, with public discussions and meetings to figure out fresh ideas for the communities.

"I'd like to think that these architectural students are going to come in and look at some of our potential places here in the harbour and around the town, and see it through those new eyes," said Harbour Grace councillor Gordon Stone.

Stone said that opportunities for growth can sometimes be overlooked by those who have been in the region for a long time, according to a published report.

He mentioned the Admiral's Marina in Harbour Grace, which was simply a small salt water pond for years before it was made into a thriving harbour.

"Here's an idea now of something that went on for years that nobody saw the potential," he said. "A group saw it with fresh eyes, and lo and behold, here it is."

The students will help the town councils put together comprehensive plans for the towns, which will include architectural designs of proposed projects.

"Having a set of architectural drawings that could back up some of the

things that you hope to develop, that certainly helps you when you go looking for funding or you're trying to convince someone that your idea's a good one," said Stone.

NORTHWEST TERRITORIES Bird Construction to build Yellowknife hospital



Bird Construction Inc. has announced financial close of the Stanton Territorial Hospital renewal project for the government of the Northwest Territories.

It will design, build, finance and maintain the Yellowknife hospital. Bird is the managing partner and has a 50 per cent interest in the construction joint venture to design and build the project. It also holds a 25 per cent equity interest in the concession responsible for the design, construction, financing and maintenance of the project through Bird Capital, a wholly owned subsidiary.

The new hospital is located adjacent to the current facility. It will include a floor area of more than 280,000 sq. ft. and will offer outpatient and inpatient services including emergency, medical imaging, dialysis, obstetrics, pediatric, cardio and mental health departments as well as day procedure and surgery suites.

"The company is very excited to begin work on site," said Bird president and CEO, Ian Boyd. "The project presents a number of unique design and execution challenges. By providing an entirely new facility, we can deliver the project faster and with minimal disruption to services. As well, a ground up design approach provides the maximum opportunity to create a facility which best meets the requirements of the residents of the Northwest Territories and the Kitikmeot Region of Nunavut."

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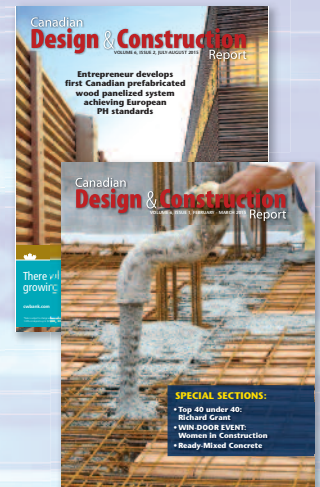
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BONE Structure system “extremely intuitive”

Contractor assembles luxury steel Saskatoon home in 10 days with quick learning crew





Canadian Design and Construction Report special feature

The contractor completing the first BONE Structure galvanized steel home in Saskatchewan says the construction process “is extremely intuitive” and its framework could be completed in less than two weeks, with site workers who had never before seen or touched the system.

This doesn’t mean that the Aspect Home Builders’ luxury, 4,700 sq. ft. project could be immediately replicated for high volume tract communities, indicates project manager and designer Brady Plett.

Although the BONE Structure framing was completed in late May and early June, the home hasn’t been quite completed – because custom high-end finishes and fixtures ordered from remote suppliers still need to be installed. The property has a \$2 million price tag, making it one of Saskatoon’s most expensive custom properties.

Plett said it is difficult to compare the costs of building with the BONE Structure technology compared to conventional stick and frame construction, but estimates it would cost 10 to 15 per cent more with the pre-engineered concept; though these costs certainly can be recouped over the home’s lifetime with higher quality, better insulation properties and lower operating costs.

The key to the concept is putting the thought and planning into the process at the beginning. The entire home except the foundation is manufactured and shipped to the site, “every piece pre-cut and pre-labelled, with colour-coded directions,” Plett said. “For example, Piece I4 goes to Piece I52, then the whole assembly goes on top of C5” – much like LEGO or Meccano instructions, he said.

The construction crew assigned to the project weren’t “all stars – these are guys who had never read a drawing,” he said. By the third day of the 10 day framing process, the workers were able, without guidance, to find the right pieces and complete the assembly.

“Every piece is really well thought through, and that translates through the drawings,” he said. “Every single piece down to the screws has been detailed and pre-engineered,” he said.

“It’s an extremely accurate build. We don’t cut anything. All the pieces are already square and straight.”

“Already there’s a built-in level of quality control,” Plett said. “If you do it wrong, you can’t do the next step to complete the process. It needs to be right.”

Of course, the foundation must be set carefully but Plett said there are provisions in the system to move the base plates slightly, “and cast your anchor – there are ways to modify the foundation” so you aren’t caught off guard with minor tolerance variations.

Plett says he sees immediate application for the BONE Structure technology concept in certain commercial and institutional projects, such as care homes, schools and car washes. “It is built from inorganic based materials – the system doesn’t have mould, rust or rot” and would be useful especially for multifamily residential properties, condos and hotels up to four storeys tall,” he said.

He is currently pricing out a care home in Saskatchewan using the system. The client is looking for a marketing advantage, with a safer, warmer and higher quality structure.

Eventually, Plett believes the BONE Structure Technology may find application in tract homes. “Trades don’t spend a half day cutting homes,” he said, using the system. “If you are going to do a whole tract, planned out, you’ll achieve increased efficiency, and these efficiencies will give you more and more options.”

The construction includes a lightweight, recycled steel frame, which enables homeowners to have a reconfigurable open space concept, without intermediate beams or interior load bearing walls, a BONE Structure news release says. Electrical, plumbing, heating and ventilation systems are connected thanks to pre-cut openings acting as veritable “highways” within the structure, just like an airplane fuselage, the company says.

For more information, see bonestructure.ca.

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University of Regina's \$83 million Kisik Towers residence adapts sustainability and aboriginal values



Canadian Design and Construction Report

A new \$83 million, 14-storey University of Regina residence will add 606 on-campus beds, 139 underground parking spaces and 90 new daycare spaces. It has been named Kisik Towers as part of a campus-wide initiative to reflect the university's aboriginal connection.

The university had earlier announced an overall strategic plan to indigenize the campus, recognizing its location on Treaty 4 and Treaty 6 lands. The Kisik name (pronounced kee-zhick), comes "from the Saukteaux language, meaning 'sky,' because it's the tallest building on campus," university president Vianne Timmons has said.

Project manager James Westerman says the new residence opened in time for students to move in on Sept. 4, just 27 months after construction began. The building includes a combination of dorm, two-bedroom, four-bedroom, assisted living and accessible rooms.

Westerman says this residence will allow the university to accommodate about 14 per cent of its students on-campus; the western Canadian average. The project also increases the total number of available daycare spaces on campus to 180. "The daycare spaces are allocated on a first-come basis with priority going to students, then staff, and then the remainder are open to the public."

He says the design and construction of the residence has been driven by sustainability. There is in-floor heating and cooling and exhaust air heat recovery. Fixtures have also been chosen to balance student living with controlled water usage.

Marquardt Mechanical ULC managed the project's mechanical disciplines. Project manager Justin Henderson

says the radiant in-floor cooling design is more common in Europe but is slowly gaining traction here. The design required 350,000 ft. of tubing be laid which he says means essentially his "crews crawled from Regina to Moose Jaw on their knees."

He says the tubing installation required that large areas of the building be inaccessible to other trades. Installing tubing quickly was a sensitive schedule challenge that required collaboration between his company and the project team to ensure other trades were not delayed.

Designed essentially like a hotel with suites down corridors and compact living spaces, Henderson says the work was repetitive and created both challenges and efficiencies. "We developed a system of fabrication that allowed us to minimize cutting and fabrication at the point of install. We also had the challenge of fitting the ductwork into ceiling spaces without compromising heights."

Tying into the university's central plant, the residence uses chilled water and steam for its heating and cooling. "There are heat recovery wheels on the make-up air-handling units to help with efficiency and the in-floor system will draw water from the return side of the make-up air units for use in the in-floor cooling loops." Henderson says this design methodology will increase the water temperature returning to the plant which will allow the central plant chillers to run more efficiently.

Henderson says Marquardt Mechanical ULC, who has also completed other projects on the campus, has a good understanding of what the university wants and the typical challenges of a project of this scope. He says an open relationship with the university's facilities management helped the project run smoothly.





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“We had weekly walk-throughs with the university’s staff and the engineers to identify issues so we could make changes along the way without the extra cost of re-work and to minimize end of project deficiencies.”

Understanding the buildings will be occupied largely by first and second year students who have the potential for heavy wear and tear, and may be away from home for the first time, Westerman says an effort was made to ensure finishes were durable but also felt homey.

“Gathering spaces have been created within the building’s towers to allow students semi-private gathering spaces and on the top floor both towers have multi-function rooms with kitchens and extra capacity for events.”

Again, recognizing the aboriginal culture and connection Westerman says the east tower also contains an aboriginal smudging space designed specifically to handle ceremonial smoke. Aboriginal art has also been incorporated into two main-floor multi-purpose rooms.

Westerman says the design of the building and its accompanying underground parking also created a unique opportunity for creativity in outdoor spaces. “The building doesn’t cover the whole of the parking lot underneath so a green roof was added to the top of the parking garage which will disguise its presence and also create a massive and somewhat private gathering space that will be accessible to the daycare.”

He says there were typically about 150 workers on site during construction and that one of the biggest challenges was finding local and available skilled sub-trades. “We ended up having workers here from Alberta and Quebec to get the job done.”



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EDAC'S annual conference in Whitehorse: *be different*



Canadian Design and Construction Report staff writer

The Economic Developer's Association of Canada's (EDAC) 47th Annual Conference Sept. 19 through 22 at the Yukon Convention Centre focused on the importance of being different and doing things differently, from embracing cultural and historic uniqueness to varying approaches to economic development.

The event kicked off Saturday with registration and activities ranging from the annual golf tournament to boreal biking or a four-hour Yukon tour. The evening's opening reception at the Kwanlin Dün Cultural Centre included addresses from EDAC president John Watson; Chief Kristina Kane, Ta'an Kwach'an First Nation; and Jessie Dawson, elder, Kwanlin Dün First Nation.

Guests were invited to try traditional Dene games, observe carvers at work, and watch the Dakwakada Dancers' impressive display.

On Sunday a welcome breakfast preceded the EDAC annual general meeting, followed by an opening presentation by Twist Marketing's senior brand strategist, Chris Fields titled Dare to be Different. Later presentations included Community Asset Mapping and Using Nature and Heritage as a Community Builder and Economic Engine.

Monday gave participants a free day away from conference activities. Delegates participated in one of several themed tours in-

cluding Destination Dawson – How Dawson Does Different, and Destination Haines Junction – First Nations-led Economic Development. Several other tours offered participants a look at different aspects of Whitehorse.

On Tuesday, regular activities resumed with presentations including building stronger municipal and First Nations relations and Growing with your Community, with special focus on managing diverse views through public engagement.

The conference is also the setting for the association's EDAC professional certification exams. Awards ceremonies recognized members for their economic development contributions and marketing achievements.

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.

The conference is hosted in a different Canadian city each year.



Bracebridge combines Muskoka's cultural heritage and natural splendour with innovation and opportunity for business investment and growth



Canadian Design and Construction Report special feature

Bracebridge is a cultural and recreational gem located in the heart of Muskoka, a quick two hours north of Toronto. A charming and lush landscape surrounds the entire District of Muskoka and greets residents and visitors alike with gorgeous natural splendour consisting of a rural network of lakes, forests and trails. Bracebridge is one of six municipalities that make up the District of Muskoka and has a permanent resident population of 16,000 that climbs closer to 25,000 during peak summer months.

Randy Mattice, Bracebridge manager of economic development, says: "In addition to a thriving tourism sector, Bracebridge offers a diverse economy with many sectors such as construction, niche manufacturing, hospitality, green technology and professional services. The construction sector is a particularly strong contributor to the local economy due to ongoing work involving new residential construction, new cottage construction, and a growing cottage renovation market." He says the weakening Canadian dollar is reviving American investment in the cottage sector within the region are all located in the community.

Bracebridge has a secure economic foundation based on it being the regional location for government services. For example, offices of the District Municipality of Muskoka, the provincial courthouse, a regional hospital and several public sector head offices such as Lakeland Power are located in Bracebridge.

Mattice says the town would like to further diversify its economic composition by attracting innovative companies flourishing in the creative and digital economies. "Town staff feel that Bracebridge has a competitive advantage in

the creative economy due to recent investments in technology infrastructure (for example, broadband connectivity featuring Giga-bit internet speeds), an expanding collection of professionals such as architects, scientists, and engineers, plus the lifestyle these individuals crave to offset their busy schedule."

Mattice says whether people are looking to personally relocate or to relocate a business, Bracebridge has a strong business foundation predicated on an extensive transportation network.

"Bracebridge and the District of Muskoka are well served by an intricate network of local, district and provincial highways," he said. "Bracebridge has easy highway access since it is situated alongside Highway 11, a four-lane separated highway that connects to the 400 series of highways via Highway 400."

Other transportation modes include buses, rail and the Muskoka Airport which he says has a fully lighted 6,000-ft. runway that can accommodate all light planes, most corporate aircraft and larger commercial aircraft up to a Boeing 737.

Mattice says the town recently reorganized its Department of Planning and Development to focus efforts on promoting and streamlining the development process to further attract new investment into the community. The department now consists of an Economic Development Branch, Planning Branch and Building Services Branch. The economic development branch also manages the Downtown BIA co-ordinator and the Muskoka Small Business Centre whose focus is start-ups, small businesses and young entrepreneurs.

"The Town of Bracebridge has a "can do" business ap-



Artist rendering of repurposed high school

proach where Bracebridge Town Council has approved certain incentives to promote business investment,” said Mattice. These include the elimination of non-residential development charges, the freezing of building permit fees at 2014 levels, and access to a variety of grants and interest free loans through a comprehensive Community Improvement Plan (CIP).

“One particular program that supports new investment is the Tax Increment Equivalent Grant. It is available to property owners whose municipal property taxes have increased as a result of substantial development, redevelopment, construction or re-construction of an eligible building or property, within designated areas of the town.”

Site plan approval processes have also been streamlined to assist new investors in navigating the municipal approval process. To increase the fast tracking of the development approval process, building permit applications can be submitted concurrently with the site plan application.

Bracebridge is embarking on a project to update its Community-Based Strategic Plan as well as an economic and tourism marketing strategy that will highlight and promote these recent development changes to further attract new investment into the community.

“We are looking to maximize our exposure in the investment community so along with traditional marketing techniques, the town wishes to utilize digital marketing, content management, and social media channels to promote the attributes of the community.”



Condominium project begins

While it is looking to the future and attracting new investment, Bracebridge has also been proactive in maintaining its heritage through the repurposing of the local historic high school into residential condominiums and transforming a former foundry into a successful cottage accessories retail outlet.

Bracebridge has access to several essential business components including a diverse and stable economy; abundant power; a high capacity telecommunication network; an affordable skilled workforce; and a well maintained and efficient transportation network that includes regional and provincial highways.

“There is a movement occurring in Muskoka whereby seasonal visitors are making the weekend cottage commute a thing of the past,” Mattice said. “They are taking advantage of the prosperous local business environment and establishing their business in Bracebridge.”

For more information, visit www.bracebridge.ca.

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CLARINGTON

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Algoma Orchards expansion

LCBO, Courtrice

Ontario Construction Report special feature

Proudly positioned on the eastern border of the Greater Toronto Area (GTA) within the Region of Durham, the Municipality of Clarington is a growing lakeshore community. Home to more than 90,000 residents, 1,500 businesses and several major infrastructure and investment projects, Clarington encompasses a rich blend of urban and rural opportunities.

According to the Clarington Board of Trade and Office of Economic Development (CBOT) everyone can find what they are looking for in the unique communities of Courtrice, Bowmanville, Newcastle, Orono and various rural hamlets. Clarington is a community that has been experiencing notable development and continues to prepare for exponential growth resulting from major infrastructure projects.

Development and job creation

Since January of this year, the CBOT have received several inquiries from realtors, the provincial government and companies to accommodate more than 600,000 sq. ft. of development ranging from 2,000 to 180,000 sq. ft. facilities. There has also been a notable increase in the past year in the existing manufacturing community who are looking to expand operations to accommodate their growth.

"We know of 10 manufacturers with a combined total of more than 475 employees, who have either expanded or are seriously considering it, or have site plan approval. These include Algoma Orchards (48,000 sq. ft.) and Detox Environmental (18,000 sq. ft.)," said Sheila Hall, executive director.

Between 2014 and the beginning of 2015, the community has seen more than \$35 million invested in commercial/industrial development.

The Municipality of Clarington recently released a building report highlighting all building permits granted from April until the end of June 2015. It shows that construction is up by 103.6 per cent, compared to the same period in 2014. During that time period, the municipality issued 440 new residential housing unit permits as compared to 170 at the same time in 2014. These positive building permit numbers have increased the year-to-date construction value to 20.7 per cent higher than the same time last year with the majority of the percentage increase in industrial and commercial construction.

Local infrastructure improvements

Nearly \$100 million has recently been, or will be, invested in local projects in the next two years. Approximately \$2 million was invested in the 400 m. extension of Lake Rd., located in the South Bowmanville Industrial Park.

The project was complete in December 2014 and the new extension greatly improves the transportation network and public safety, as well as creating increased opportunity for development. The road extension increases accessibility to more than 100 acres of serviced industrial land.

Since the summer of 2014 CBOT has seen increased interest in these properties from several users needing property to accommodate more than 500,000 sq. ft.

The extension of the Courtrice sewer trunk is a \$30 million project that will extend from Energy Dr. to Courtrice Rd., and from Courtrice Rd. to Bloor St. within a few years. This is a Region of Durham project that will improve

servicing to the Courtice area (and to Oshawa and north Whitby in the future). This work will provide much needed servicing to the employment lands in Courtice and additional residential capacity.

New Development Charge By-law

On May 11, 2015 Clarington Council approved changes to the Municipality’s Development Charge By-law – effective July 1, 2015. These changes provide new exemptions to help encourage growth and development in Clarington. “We have worked diligently, consulting with the development community to come up with a fee system that is fair, maintains services and also encourages growth and development,” said Nancy Taylor, director of finance.

To learn more about this, contact CBOT.

Existing small to mid-size industrial companies can double their footprint without paying any Clarington development charges. For new industrial builds, businesses only pay half the fee levied. “As development moves east, Clarington is well positioned for additional growth with more than 125 acres of serviced industrial land along the 401 corridor with an amazing price point ranging from \$60,000 to \$150,000 per acre. These new development charge exemptions will add to the advantage of developing these lands,” says Hall.

Mega projects and opportunities

Port Granby project

On July 30, 2015, the federal government announced the award of an \$86,847,474 contract under the Port Hope Area Initiative to AMEC – CB&I Joint Venture to build the Port Granby Long-Term Waste Management Facility in the Municipality of Clarington. The Port Granby project will relocate the historic low-level radioactive waste and marginally contaminated soils from an existing waste management facility on the shoreline of Lake Ontario to the new, state-of-the-art facility about a kilometre north of the current site.

The contract includes facility construction, waste excavation, construction of a roadway to permit transportation of the excavated material without using municipal roads and restoration of the existing and new facility sites. The Port Granby project is part of the Port Hope Area Initiative, a \$1.28 billion federally funded project.

The local economy will realize significant economic opportunities with the creation of hundreds of jobs over the project’s five to six-year duration. Requirements for contract-related work range from heavy equipment, trucking and excavation, to property maintenance, security, instrumentation, environmental monitoring and many other skilled trades. Spin-off opportunities such as accommodation, food, printing and signage will also result from the project.

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Opening of Lake Road extension

The implementation phase of the Port Granby project began in 2012, and Clarington firms have already realized significant economic benefits from the construction of a state-of-the-art wastewater treatment plant and roadway and site preparation activities.

Highway 407 East Phase 2 project

In January of 2015, Infrastructure Ontario and the Ministry of Transportation selected Blackbird Infrastructure Group as the preferred proponent to design, build, finance and maintain the Highway 407 East Phase 2 project.

The project will include extending Highway 407 approx-

imately 22 km from Harmony Rd. in Oshawa to Highway 35/115 in Clarington. It will also connect Highways 401 and 407 with a 10 km East Durham Link that will serve as a north-south freeway. Concrete is expected to be poured in 2016. This is a \$1.2 billion contract, and completion is expected by 2020.

Ontario Power Generation (OPG) Darlington Nuclear Refurbishment

At the Darlington site, construction continues on 18 new or upgraded facilities and infrastructure projects that need to be in place to support Darlington's refurbishment.

As of December 2014, OPG's investments and actual costs for Darlington's refurbishment was \$1.6 billion and included the new Darlington Energy Complex, the Mock-up and Training Facility and progression of other work and projects. Currently, there are approximately 1,000 people working on the refurbishment project at the site between OPG and contract staff.

OPG expects to have 3,000 contractors through its doors in 2015.



Darlington Energy Complex

The background of the entire page is a vibrant green aurora borealis (Northern Lights) against a dark night sky. In the upper right corner, there is a dark silhouette of the province of Alberta, with a bright starburst light positioned within its northern boundary. The title 'A Bright Future.' is written in a large, white, serif font across the middle of the page.

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ALBERTA, CANADA

North American Passive House Conference 2015 in Vancouver encourages higher energy efficiency awareness and sustainable construction

Canadian Design and Construction Report staff writer

Nearly 400 building industry professionals including architects, contractors and government representatives gathered in Vancouver for the North American Passive House Network (NAPHN15) conference and trade show Sept. 30 through Oct. 3. The four-day event included workshops, presentations, panel discussions and project tours.

Passive House is the world's most stringent energy efficiency building standard, and this was the third year the conference has brought together Passive House experts in North America to share knowledge, experience and ideas.

In addition to the introductory and advanced presentations and workshops, the conference provided a forum for policy makers and regulators to discuss energy efficiency initiatives, learn how other jurisdictions are advancing building energy efficiency and provide tools to do the same.

Rob Bernhardt, president of the Canadian Passive House Institute West (CanPHI West) and one of the organizers of the first Passive House conference in Canada in 2013, commented on the progress made in energy efficient building over the past two years.



Guido Wimmers, winner of Harold Orr Award for contribution to Passive House in Canada



Bedford Road House, Nelson, BC - winner of NAPHN15 Design Award (by Cover Architectural Collaborative)

"We're now seeing local and provincial governments looking to Passive House as a means to achieve climate change and greenhouse gas emission targets. The City of Vancouver is leading the way with a mandate for net zero new buildings by 2020. The province of BC is considering initiatives to advance building energy efficiency and New York City has identified Passive House as the approach it intends to take to improve their buildings. Numerous other jurisdictions have adopted or are considering policy alternatives to substantially improve building energy efficiency."

The conference showcased many larger Passive House buildings from around the world, including a school in Austria, a Latvian recreational centre, a mid-sized MURB in Vancouver, Ottawa social housing and a New York high rise. Increasingly, examples of large and complex Passive House buildings can be found in North America.

The conference saw the launch of the first NAPHN Design Awards. Bronwyn Barry and Ken Levenson, directors at the North American Passive House Network presented Cover Architectural Collaborative with the award for its multifamily Passive House residence in Nelson, BC. Dr. Guido Wimmers of the University of Northern BC received the Harold Orr Award for his Canadian Passive House contribution.

On Saturday, there was a bicycle tour of Vancouver Passive House projects, led by Mayor Gregor Robertson, who spoke about the city's plans to advance energy efficient building standards in Vancouver's bid to become Canada's greenest city. A bus also took 40 passengers on a tour of Whistler Passive House projects, including the first Canadian Passive House and a manufacturing plant prefabricating Passive House wall assemblies.

CanPHI West, the hosts of NAPHN15, has started planning the next event for 2017. For more information and Passive House courses visit www.canphi.ca.

The next North American Passive House conference will take place in New York in 2016. Visit www.naphnetwork.org for details. For information on Passive House courses in Canada visit www.canphi.ca.

EuroLine Windows Inc.

leads in Passive House construction with European-style tilt and turn windows, doors

Orchards at Orenco in Portland, OR is the largest multi-family Passive House building in North America

Canadian Design and Construction Report special feature

B.C. based EuroLine Windows Inc. supports Passive House (PH) construction with its European-style tilt and turn windows and doors. The company is one of only two North American manufacturers with products meeting the stringent PH standards.

EuroLine director Michele Funk says her company meets PH demands for superior insulation, solar heat gain, and reduced thermal bridging. "Our 4700-series ThermoPlus™ windows and doors are made of GENE0® profiles, which are a Passive House Institute certified component."

She says unlike regular vinyl windows, which require steel reinforcement for structural integrity, these profiles have a fibreglass-reinforced hybrid core, meaning that windows can be made larger than previously possible without adding steel thermal bridges. "Combined with the proper choice of IGU (insulated glass units), windows provide high solar heat gain where wanted, and insulate where needed."



Where Passive House is not the end goal, Funk says EuroLine's high-quality, high-performance products appeal to architects and builders in other ways. Styles range from North American casement and awning windows to European tilt and turn windows, patio doors, French doors, tilt and glide doors, entry doors, and folding doors.

"Because everything is custom made, there is a lot of design flexibil-

ity. We have a specialty department that makes shaped windows, like rakes, archtops, roundtops, circles and ovals. We also have a foiling line that adds a durable acrylic laminate to the exterior, interior or both surfaces of the window. These laminates are available in solid colours, metallic finishes, and our EuroWood™ finishes."

Consumers also benefit from EuroLine's high-quality products. Funk says superior thermal performance



The Bernhardt Passive Home is the first Passive House built on Vancouver Island



The North Park 6-unit condo is the first market condominium building in Canada to meet the stringent international Passive House standard

Passive House

translates to comfort and health benefits, in addition to savings. "In houses that have low-performance windows it is almost necessary to move the furniture a few feet into the room, as it feels as though windows are leaking, and it is uncomfortable to sit near them."

"We use Super Spacer® in our IGUs to prevent thermal bridging between glass panes. This helps to keep the interior pane warm, and in most climates completely prevents condensation from forming on the interior of the window."

Condensation, she says, can lead to mould, which is a great health concern especially to children, the elderly, and those with respiratory problems such as asthma and allergies.

EuroLine tilt and turn windows also are easy to use. "The multi-point locking system is operated with the turn of a single handle, which makes operation fast and easy, providing fast egress in case of emergency, including for the elderly and people with re-

stricted mobility, like arthritis sufferers."

Funk says tilt and turn windows also are easier and safer to clean in the turn position and provide secure ventilation in the tilt-position. In the locked position, the multi-point locking hardware makes them extremely intruder resistant, she says.

Understanding that industry regulations and consumer demands are constantly changing, Funk says EuroLine is focused on being a leader in the industry. "We were the first to introduce a five-chamber system to North America, at a time when most other manufacturers still had two or three-chamber systems. With our 4700-series we are the first to now manufacture a six-chamber system."

Funk says EuroLine introduced its 4700-series, specifically created for use in Passive Houses, in 2012, "long before most anyone in the North American building industry even knew what a Passive House was."

"We are continually developing

new systems that fill needs in the market – sometimes even before the market has realized this need. We test new systems rigorously before introducing them, always striving for high quality and high performance."

This, she says, pushes the entire industry towards higher standards.

From its location in Canada, Funk says EuroLine is well-positioned to serve North American markets more effectively than European sources that may be less costly at first-glance.

"Our products are designed and manufactured specifically for the North American market. And there are other considerations besides initial cost....If a glass unit breaks, how long will it take to get a replacement? How much will it cost? Glass coatings are not the same in Europe as they are here, so it is not simply a matter of getting a replacement unit locally, as it will not match the rest of the glass."

For more information, visit www.euroline-windows.com.



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ThermoPlus



Two Regina women develop unique Women's Habitat for Humanity build

200 women raise \$1,000 each to fund construction of two homes, built by women



*Canadian Design and Construction Report special feature
Photos by Peter Scoular Photography*

Under a build model inspired by two local women, 200 women will share the cost this year to construct two homes for Regina-based families. This initiative, though born in Saskatchewan, has been embraced in other communities across the country.

Volunteers Trish Bezborotko, retail sales manager with Harvard Broadcasting Regina, and Yvonne Slobodian, owner of asOne Investments, came up with an idea in 2011. They, along with 98 other women, would contribute \$1,000 each – or \$100,000 in total – to build the homes. The two now co-chair the effort.

"We had set a goal to raise the money within 100 days," says Bezborotko. "Forty-nine days later, the money was in the bank."

She says some of the women who signed up also donated time on site. "All the houses Habitat builds are constructed with journeyman carpenters and skilled tradespeople with the help of volunteers. So while many of us had a blast actually being on site hanging drywall and swinging hammers – many also simply enjoyed being a part of changing a family's life by allowing them the opportunity to step in to homeownership."

After the positive response that first year, in 2012, the goal doubled, resulting in 200 women participating and two families "given the opportunity to escape high rent and less than desirable housing conditions by becoming homeowners themselves."

The initiative launched again this year under the name 200K Women Build.

Meanwhile, Bezborotko says a group of men, inspired by the program, launched their own 200K initiative.



Bezborotko says a build of this nature could take six months or longer. "The homes could likely be built faster with skilled trades but Habitat is all about community and the coming together of volunteers who wish to make a difference. The journeypersons who oversee the build and the volunteers are amazing."

She says the energy on a Habitat build site is unique and on a women's build site in particular where it is driven by a heart for other families. "Women are nesters by nature and I think many of us want to help other families have a place to love and protect and house their families."

She says it has not been difficult to find women to engage in the program. "Not all actually help on the build site but many do and they absolutely love the experience. It's an amazing way for women to do things they've always wanted to but never maybe had the chance to."

“The sites we work on are serious business but we still have fun and enjoy working with each other in a different capacity. The willingness to learn and grow is awesome and we leave the site dirty, tired and fulfilled.”

Some, she says, are there to learn for themselves and some she believes go on to use their experience as a stepping stone for employment in the trades.

With her own husband in the construction industry for the last 20 years, Bezborotko says she learned a lot from watching him and all that he does. “Having said that though and because he is so handy I often don’t get involved in that type of thing in my own household. When I have worked on the sites there is a great feeling of independence and ‘girl power’ that comes from that. It has been amazing.”

Bezborotko says all of the women who have been involved feel fortunate to be able to contribute financially and also on the build site if they so choose. “We are strong women, determined to make a difference in our community.”

Both the 200K Women Build and the 200K Men Build groups are still seeking participants and hope to celebrate reaching the goal in October. For more information, email Trish or Yvonne at tbezborotko@harvardbroadcasting.com or yvonne@asoneinvestments.com.



This year 200 women are joining forces once again to raise \$200,000 to fund and build two homes through Habitat for Humanity. Each woman will contribute \$1000. Funds raised will be used to build two homes, for two partner families, at Haultain Crossing.

Thank you for contributing in 2015.

1740 Broder Street, Regina, Saskatchewan S4N 2H7
PH: 1-306-522-9700 www.habitatregina.ca

Abigail Fulton – BC Construction Association’s vice president

Let’s improve shop classes; encourage construction careers, she says

CDCR special feature

Abigail Fulton combines her law background and passion to advocate, lobby, support and develop the industry as vice president of the BC Construction Association (BCCA).

She grew up on a farm in rural Manitoba, developing an ethic for hard work, an understanding that she could do anything she set her mind to, and, working alongside her brothers and sisters on the farm, the perspective that men and women could work together, in any profession.

During her early law career Fulton worked for a developer and got her first taste of the industry. When she relocated to B.C. and had to wait to be called to the bar, she took a position with BCCA to fill the time. “I’ve been here 18 years now and have loved every minute of it.”

Her responsibilities then included advocating and lobbying for the industry with the government. She still takes on these challenges, especially relating to regulatory change and industry training. However these days, she focuses her passion more on apprenticeships and encouraging people to consider trades careers.

“To fill the labour shortage that is coming we need to have one out of every five young people entering the trades,” she said. “We see an average of one in 85. The average age of apprentices is 27 so these are people who have gone to school, perhaps tried other things and then decided they needed a job.”

She says high school shop classes haven’t been updated in decades because schools have focused their funding on technology and other investments. “Kids need to be deciding in high school whether they are interested in trades. When the setting is a dingy, dark shop room filled with rusty, out-dated equipment, who is going to choose that?”

Fulton indicates that the BCCA has



supported a foundation with an initiative to raise money to improve high school shop classes. To date, this effort has raised more than \$3 million.

The other issue she sees impacting people coming to the trades is gender. She notes that she herself has experienced gender discrimination in her career but overcame it because of her early life experiences. She says there are a lot of good opportunities in construction for women and girls, and dependable good money to be made, but it is still a number game.

“When you look at girls on tools you might see four per cent. We need to see numbers closer to 15 per cent for women to be able to feel comfortable on a job site.”

Fulton says, while owners and general contractors may be open to hiring women – more interested in who has the skills and can do the job above all else – job sites are still not girl-friendly. “To be on site now women have to be ready to face challenges. Women have to have a bit of grit and backbone to work alongside men. If a woman has the skill but lacks that, she may struggle.”

Away from job sites, she says there are women, like herself, succeeding in the industry. For example in associations where their management and organizational skills help keep things moving forward.

The BCCA continues to support programs launched a decade ago aimed at helping various interest

groups, including women, Aboriginals and immigrants, discover construction careers.

“It’s been fairly busy in B.C. and getting busier. There are some big projects on the horizon that are going to significantly impact the demand for skilled labour.” Encouraging women’s entry into the trades could help fill the upcoming labour demands.

Fulton is also hoping her focus on apprenticeships will help. She says trades apprenticeships are more than a program, they represent a culture. “People who go through as an apprentice start work and then want to give back by training others. It’s a great way to learn. It’s a system we need to make sure people are able to navigate because it can be complicated.”

She hopes more young people will consider careers in the trades. She notes the experience can be beneficial, whatever their path in life.

“I would encourage every young person to try a shop class,” she said. “That early applied learning helps develop problem solving skills that can help in many areas of life.”

When it comes to complex construction issues, it helps to have experience on your side.

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Alberta's Evolution Glass: Ashley Munro at the helm

Canadian Design and Construction Report special feature

Ashley Munro has been involved in the glazing industry since she was a young girl. Though she says glazing is still a highly male-dominated and largely unknown profession, she has experienced success and fulfillment as president of Evolution Glass.

Growing up, Munro had experience working for her father who was a glazier and owned his own company. She says she started helping out during summer breaks, and gradually worked her way up through various positions, learning the business along the way. "It started as a convenient summer job – working for my dad – but I quickly found I loved the work, and loved the challenge."

In 2012 she and her husband Richard and their partner Marc Blakney, started Evolution Glass. In the three years it has been in operation, the trio have more than tripled the company's facilities and capacity.

Saying the partners and staff are a strong team, Munro is comfortable in her role within the company, despite the fact that she is one of two women out of a staff of 58. She says the gender discrepancy is never an issue because she has always worked with respectful people and she is not easily intimidated personally. "At the end of the day people are people, regardless of age or gender. I'd love to see more women working with us but the fact is that we don't see women applying."

Munro said her sister worked in the fabrication shop during her summer break and thoroughly enjoyed the hands-on aspect. She anticipates returning next summer.

Part of the numbers issue, she believes, is that glazing doesn't get the recognition of other trades. "Many people don't know what a glazier does, that it is more than working with glass."

She says glazing is a very service-oriented business and despite the country's current recession status, the





company currently has more than 10 openings for skilled glaziers.

Evolution Glass she says has been very involved since its inception in Alberta's apprentice program. This year the company will have 10 apprentices training at various times throughout the year.

Munro says one of the advantages of a career in the trades is job security, even during slower times. "If you can do the job and are willing to work hard, you will absolutely be able to weather slow times and have a career for life."

And within glazing she says, there is more to the career than most people think. "We are constantly learning – about energy efficiency, safety, new installation processes, and every day the job can be something different and involve a different challenge to solve."

She says the glazing industry as well is a tight-knit group. Companies like Evolution Glass work hard to make sure their employees find careers they love so that going to work every day is something to look forward to. "The Provincial Glaziers Association of Alberta (PGAA) is a close group and although members are technically competitors, everyone is supportive, knows one another and works well together."

Her advice to women considering a career in the trades is to not be intimidated or afraid to try something they are interested in, or to do something they love. "The trades have evolved and they will accommodate anyone with skill. Life is about doing what you want and what makes you happy. If that is a trade, then you have a win-win in many ways."



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6751 9 Street NE, Calgary, AB T2E 8R9
 evolutionglass.com 403.250.2353

Taking the lead in North American research, training, professional and product certification

*Canadian Design and Construction
Report special feature*

Passive House Institute U.S. (PHIUS) has become a leader in North American research, training, professional and product certification.

It has developed cost optimized, climate specific passive house metrics, instead of a single, one size fits all number. PHIUS also partners with other organizations including the U.S. Department of Energy (DOE) and RESNET to implement a third party quality assurance/quality control protocol.

PHIUS is rooted in a 2002 effort by German-born architect Katrin Klingenberg, who set out to test whether the European derived passivhaus methodology and standard could be applied successfully in the U.S.

Beginning with her own residence in Urbana, Illinois, Klingenberg later founded e-colab Construction Laboratory, which gained status as a Community Housing Development Organization. This in turn made it eligible to work with the City of Urbana to build several single-family affordable housing projects.

Klingenberg and builder Mike Kernagis received great interest in training from forward thinking architects and builders around North America, so they developed an English language curriculum and created the Certified Passive House Consultant (CPHC®) professional credential.

Recognizing the need for a national effort, they founded PHIUS under the e-colab umbrella to advance passive building in the U.S. and Canada. PHIUS began offering CPHC training around North America.

PHIUS communications director Michael Knezovich says though PHIUS originally based its training and certified projects on the European standards, the institute quickly became aware of critical differences between Central Europe, where the European standard was developed, and North American climates and mar-



kets. “Some North American climates are simply more extreme, and generally, humidity is a bigger issue. That, combined with a less regulated and less homogenous market, made quality assurance and quality control a bigger concern here than in Europe.”

PHIUS concluded that passive methodologies (super insulation, airtight envelopes, elimination of thermal bridges, energy recovery ventilation, etc.) are universally valuable and applicable, but it also concluded that the notion of a single target performance metric, though an attractive concept, simply didn’t fly. PHIUS also found that the German project certification requirements left way too much room for error and risk, so it set about developing its own standards and certification protocols.

Understanding that the cost of components and renewables and other factors will inevitably change, PHIUS set a commitment to update the formula every three to five years.

In 2015, it implemented its most recent effort, the PHIUS+ 2015 Climate Specific Passive Building Standard, the product of three years of research funded by the U.S. Department of Energy (DOE), and in partnership with the renowned Building Science Corporation.

“It produced climate specific target metrics that represent the sweet spot between aggressive energy conservation and cost effectiveness,” Knezovich said. “It also provides designers a guideline on when to stop investing in the envelope and when it’s more cost effective to invest in renewables. The new standard has been an enormous success, and has removed obstacles to adoption.”

PHIUS also recognized that in the early days, architects and designers were having difficulty finding construction crews willing to take on something new and different. To meet that demand, it has developed the Certified Builder training program, which covers the unique construction management and risks that passive building presents. Since its inception, PHIUS has trained more than 2,000 professionals.

“Meantime, the PHIUS+ program now earns DOE Zero Energy Ready Home and Energy Star 3 status. Project certifications have grown exponentially since it was implemented. In 2012 we had a dozen certified projects. We’re up to 150, with a similar number in process.”

He says since Klingenberg built her house in 2002, there has been a slow but steady acceleration of awareness

Passive building house is the best path to Net Zero and Net Positive. Passive buildings are super energy efficient, healthy, comfortable and resilient



PHIUS is North America's leading provider of passive house training, project certification, quality assurance, research and outreach

- Professional training and certification
- Certified Passive House Consultant (CPHC®)
Training for architects, designers and engineers
- Certified Builder Training for construction professionals
- Quality Assurance Training for raters and energy auditors and QA pros
- PHIUS+ Project Certification
 - Based on PHIUS+ 2015 climate-specific, cost-effective metrics
 - Rigorous design review and consultation
 - Third-party on-site quality assurance



www.phius.org

info@phius.org

and adoption. "A big part of that has been concern about carbon. But another aspect is that passive buildings are simply more comfortable, healthier and more resilient than conventional buildings."

"We also advance awareness through our annual conference. This is the largest and longest running North American passive building conclave and brings together leading passive building practitioners who share lessons learned and successes."

This year's conference, held in September in Chicago, also attracts the leading high performance building components vendors. "The conference is always an exhilarating event. Nothing beats getting a bunch of building science geeks together in the same place. Joe Lstiburek, Marc Rosenbaum — plus developers like Steve Bluestone."

"The buzz this year was multi family — our keynote was Katie Swenson from Enterprise. Enterprise is a major force in affordable housing, and recently included passive house in its low income housing criteria."

The conference's awards component highlighted projects that "both exemplify best practice and that, by successful implementation, advance the market for passive buildings."

Right now he says the biggest growth is in multi family projects — both affordable and market rate. "Cost has been a real and true concern of Passive House. We've solved that, but the notion that passive buildings are substantially more expensive than



conventional ones lingers. Today, in practice, multi family projects are being brought in at conventional market rates. Single family varies, but they're also closing in."

He says the other misconception about Passive House is that people think the sustainability concept dictates esthetics; that they have to look like sleek Euro boxes. The truth is Passive House can be designed in any style. "The Four Square home in Bethesda, MD is a great example of how a passive house can be designed to any esthetic. Orchards at Orenco, which won best overall project in our recent competition, is a game changer. It's a 57-unit affordable housing project. Phase II is in progress, and it promises to come in at conventional costs."

Knezovich says several high and mid-rise projects are in the works.

Project certification has been one of the institute's critical roles to date, he says. "Passive buildings present special risks because of the levels of insulation and airtightness. Our PHIUS+ Certification program with its QA/QC component has greatly accelerated confidence and adoption in the market."

Knezovich says many people don't realize that passive house concepts actually developed in Canada and the United States, before European work on the concept. "The term super insulation was coined at the University of Illinois' Small Homes Council decades ago. Researchers were among North American pioneers who developed the fundamental concepts that we now label Passive House."

He says super insulation, ERV, airtightness, elimination of thermal bridges, management of solar gain all originated in the U.S. and Canada. "In fact, the Saskatchewan Conservation House is widely acknowledged as the very first Passive House."

Research is also a growing part of PHIUS' efforts. He says the PHIUS+ work was critical, and the PHIUS Technical Committee — a group of volunteers who are advanced practitioners — continues to develop technical resources for the community.

For more information on PHIUS, visit www.phius.org.



Dodge upcoming project reports

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ALBERTA

Building Cladding Envelope Upgrade
AHA2015016B

300 Ross Avenue
COCHRANE, AB T4C 1X4 CAN

AB(DIVISION 06)
201500614202 v2

Action stage: Bidding

Bid date: 09/17/2015 @ 02:01 PM MDT

Valuation: F (500K to <750K)

Project delivery system: Design-Bid-Build

Target start date: 11/01/2015

Owner type: State

Project Overview

Project type: Apartments/Condominiums 1-3
Stories.

Report type: Project

Sub project count: 0

First publish date: 08/26/2015

Prior publish date: 08/26/2015

Publisher: Dodge Data & Analytics

Type of Work: Alterations

Status: GC Bids to Owner September 17 at
2:01 PM (MDT)

Status project delivery

system: Design-Bid-Build

Publish date: 09/15/2015

Key Contacts and Bid Documents

Submit bids to: Owner (Public)

Architect: Alberta Social Housing Corporation

Jason Gorsalitz, Technical Advisor

Suite 280, 6715 ? 8 St. CALGARY,

AB T2V 7E7

Phone:403-297-6066

E-mail: jason.gorsalitz@gov.ab.ca

Consultant: Alberta Purchasing Connection

P.O. Box 1333 EDMONTON, AB T5J 2N2

Phone:780-644-5726

E-mail: apc.help@gov.ab.ca,

https://vendor.purchasingconnection.ca

Owner (Public): Alberta Social Housing Corporation

Jason Gorsalitz, Technical Advisor

Suite 280, 6715 ? 8 St. CALGARY,

AB T2V 7E7

Phone:403-297-6066

E-mail: jason.gorsalitz@gov.ab.ca

Notes: DEWB73 - Pre-Bid Meeting September 3 at 1:30 PM (MDT) at Evergreen Manor

300 Ross Avenue - Cochrane Alberta - Source

requests all bid documents be obtained

through their channels only - Documents for

this project will not appear in the Dodge

Global Network - The list of Prospective bidders

is not available from regular sources - if

you are GC bidding on this project please call

-1-888-836-6623

Plans available from: Owner (Public)

Additional features: Building Cladding Envelope Upgrade

ITEM: Roof Repair - Replacement

1530010142

site unspecified

BASHAW, AB CAN

AB(DIVISION 10)

201500621877 v3

Action stage: Bidding

Bid date: 09/18/2015 @ 02:00 PM MDT

Valuation: C (200K to <300K)

Project delivery system: Design-Bid-Build

Owner type: State

Project Overview

Project type: Hospital.

Report type: ITEM Only

Sub project count: 0

First publish date: 09/04/2015

Prior publish date: 09/08/2015

Publisher: Dodge Data & Analytics

Type of Item: ALTERATION.

Item Code: Roofing-All Types.

Item Category: ROOFING.

Status: Bids to Owner September 18 at 2:00

(MDT)

Status project delivery

system: Design-Bid-Build

Publish date: 09/15/2015

Key Contacts and Bid Documents

Submit bids to: Engineer

Consultant: Alberta Purchasing Connection

P.O. Box 1333 EDMONTON, AB T5J 2N2

Phone:780-644-5726

E-mail: apc.help@gov.ab.ca,

https://vendor.purchasingconnection.ca

Engineer: WSP Group

Phil Fan, Project Associate

5940 MacLeod Trail SW Calgary, AB T2H

2G4

Phone:403-390-2096 Fax:403-255-7996

E-mail: Phil.Fan@WSPGroup.com Company

Name : Halsall Associates Ltd. Internet Addr :

http://www.halsall.com/

Owner (Public): Alberta Health Services

Natalie Viczko, Contracting Coord.

14310 - 111 Avenue Suite 101, East Tower

EDMONTON, AB T5M 3Z7

Phone:780-735-0100 Fax:780-735-0409

E-mail: rfp2@albertahealthservices.ca,

http://www.albertahealthservices.ca/207.asp

Notes: CRCN03 - 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: *Consultant

Items: Bashaw Roof Repair and Replacement

Bridge Culvert Replacement (Alts) 15375

Various locations

EDMONTON, AB CAN

AB(DIVISION 11)

201500618345 v3

Action stage: Bidding

Bid date: 09/17/2015 @ 02:01 PM MDT

Valuation: F (500K to <750K)

Project delivery system: Design-Bid-Build

Target start date: 11/01/2015

Owner type: Local Government

Project Overview

Project type: Bridge, Storm Sewer.

Report type: Project

Sub project count: 0

First publish date: 08/31/2015

Prior publish date: 09/14/2015

Publisher: Dodge Data & Analytics

Type of Work: Alterations

Status: Bids to Owner September 17 at 2:01

PM (MDT)

Status project delivery

system: Design-Bid-Build

Publish date: 09/15/2015

Key Contacts and Bid Documents

Submit bids to: Owner (Public)

Consultant: Alberta Purchasing Connection

P.O. Box 1333 EDMONTON, AB T5J 2N2

Phone:780-644-5726

E-mail: apc.help@gov.ab.ca,

https://vendor.purchasingconnection.ca

Engineer: Alberta Transportation

Hieu Tran

4999 - 98 Avenue Twin Atria Building 3rd

floor EDMONTON, AB T6B 2X3

Phone:780-427-7393 Fax:780-422-2822

E-mail: Robert.Quinton@gov.ab.ca,

http://www.transportation.alberta.ca/

Internet Addr : http://www.transportation.alberta.ca/

Owner (Public): Alberta Transportation

Hieu Tran

4999 - 98 Avenue Twin Atria Building 3rd

floor EDMONTON, AB T6B 2X3

Phone:780-427-7393 Fax:780-422-2822

E-mail: Robert.Quinton@gov.ab.ca,

http://www.transportation.alberta.ca/

Internet Addr : http://www.transportation.alberta.ca/

Notes: DEWB43 - The list of Prospective bidders

is not available from regular sources - If

you are GC bidding on this project please call

1-888-836-6623

Bonds: 10% Bid Bond.

Plans available from: Owner (Public)

Additional features: Bridge Culvert Replacement

2:68; B.F.86265 - Carrying Hwy. 2 over

a Watercourse, N. of the Village of Rycroft

794:04; B.F. 70388 - Carrying Hwy. 749 over

a Watercourse, N. of the Town of High Prairie

R.R.194; U.A.R. 212 - B.F. 86072 - Carrying

U.A.R. 212 (R.R.194) over an Irrigation

Canal, S. of the Town of McLennan Peace Region

ITEM: Fire Alarm System Maintenance P156

EDMONTON, AB CAN

AB(DIVISION 11)

201500619186 v3

Action stage: Bidding

Bid date: 09/15/2015 @ 02:00 PM MDT

Valuation: C (200K to <300K)

Project delivery system: Design-Bid-Build

Owner type: Private

Project Overview

Project type: Apartments/Condominiums 1-3

Stories.

Report type: ITEM Only

Sub project count: 0

First publish date: 09/01/2015

Prior publish date: 09/11/2015

Publisher: Dodge Data & Analytics

Type of Item: ALTERATION.

Item Code: Elec Work, Fire Alarm Sys.

Item Category: ELECTRICAL, SECURITY/ALARM SYS.

Status: Bids to Owner September 15 at 2:00

PM (MDT)

Status project delivery

system: Design-Bid-Build

Publish date: 09/15/2015

Key Contacts and Bid Documents

Submit bids to: Owner (Private)

Consultant: Alberta Purchasing Connection

P.O. Box 1333 EDMONTON, AB T5J 2N2

Phone:780-644-5726

E-mail: apc.help@gov.ab.ca,

https://vendor.purchasingconnection.ca

Engineer: Capital Region Housing Corporation

Lee-Anne Evans

10232 - 112 Street NW EDMONTON, AB

TSK 1M4

Phone:780-420-6161 Fax:780-426-6854

E-mail: leeanne.evans@crhc.ab.ca,

http://www.crhc.ab.ca/

Email ID : leeanne.evans@crhc.ab.ca Internet

Addr : http://www.crhc.ab.ca/

Owner (Private): Capital Region Housing Corporation

Lee-Anne Evans

10232 - 112 Street NW EDMONTON, AB

TSK 1M4

Phone:780-420-6161 Fax:780-426-6854

E-mail: leeanne.evans@crhc.ab.ca,

http://www.crhc.ab.ca/

Email ID : leeanne.evans@crhc.ab.ca Internet

Addr : http://www.crhc.ab.ca/

Notes: DEWB82 - Source requests all bid documents

be obtained through their channels

only - Documents for this project will not appear

in the Dodge Global Network

Plans available from: Owner (Private)

Items: A mix of walk up and highrise apartment

buildings - Building Emergency Systems

Dodge upcoming project reports

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Phone: 780-644-5726
E-mail: apc.help@gov.ab.ca,
<https://vendor.purchasingconnection.ca>
Engineer: City of Calgary - Parks & Recreation Dept
Jabie Bridge
PO Box 2100 Stn M CALGARY,
AB T2P 2M5
Phone: 403-268-1370 Fax: 403-268-5523
E-mail: jaibe.bridge@calgary.ca
Company Name: City of Calgary - Parks & Recreation
Dept Email ID: jaibe.bridge@calgary.ca
General Contractor: PCL Construction Management Inc.
2882 11th street NE CALGARY,
AB T2E 757
Phone: 403-250-4800 Fax: 403-250-2330
E-mail: CalgaryInquiries@pcl.com, <http://constmgt.pcl.com/>
Email ID: kloystryk@pcl.com
Owner (Public): City of Calgary - Parks & Recreation Dept
Jabie Bridge
PO Box 2100 Stn M CALGARY,
AB T2P 2M5
Phone: 403-268-1370 Fax: 403-268-5523
E-mail: jaibe.bridge@calgary.ca
Company Name: City of Calgary - Parks & Recreation
Dept Email ID: jaibe.bridge@calgary.ca
Notes: CRCN03
Plans available from: Owner (Public)
Additional features: Site preparation, removals, earthworks, granular sub-base, asphalt concrete, milling, culverts, storm ponds, storm sewers, drainage, pipe jacking, surface concrete, fencing, railing, street lighting, retaining walls, bridge structure, landscaping, traffic acc & detours

ITEM: Electrical Installation - Maintenance
COL15204
LETHBRIDGE, AB CAN
AB(DIVISION 02)
201500589704 v4
Action stage: Start
Bid date: 08/13/2015 @ 04:00 PM MDT
Valuation: \$1,218,278
Project delivery system: Design-Bid-Build
Target start date: 10/01/2015
Owner type: Local Government
Project Overview
Project type: Capitol/ Courthouse/City Hall.
Report type: ITEM Only
Sub project count: 0
First publish date: 07/28/2015
Prior publish date: 08/11/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Elec Work.
Item Category: ELECTRICAL.
Status: Contract Awarded - Work to begin within 30 days - Bid August 13
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Consultant: Alberta Purchasing Connection

P.O. Box 1333 EDMONTON, AB T5J 2N2
Phone: 780-644-5726
E-mail: apc.help@gov.ab.ca,
<https://vendor.purchasingconnection.ca>
Engineer: City of Lethbridge
Donna Schill, Purchasing Superviso
450 4 Ave N LETHBRIDGE, AB T1J 6K2
Phone: 403-320-3960 Fax: 403-328-0501
E-mail: donna.schill@lethbridge.ca,
<http://www.lethbridge.ca>
Email ID: donna.schill@lethbridge.ca
Internet Addr: <http://www.lethbridge.ca>
General Contractor: Dorren Electric 1985 Ltd
226 - 22 Street North Lethbridge, AB T1H 3R7
Phone: 403-328-9246 Fax: 403-328-9783
Owner (Public): City of Lethbridge
Donna Schill, Purchasing Superviso
450 4 Ave N LETHBRIDGE, AB T1J 6K2
Phone: 403-320-3960 Fax: 403-328-0501
E-mail: donna.schill@lethbridge.ca,
<http://www.lethbridge.ca>
Email ID: donna.schill@lethbridge.ca
Internet Addr: <http://www.lethbridge.ca>
Notes: DEWB82
Plans available from: Consultant
Items: Electrical Installation & Maintenance

ATLANTIC

SJ Regional Hospital Isolation Room Renovations BY5H13
400 University Ave
SAINT JOHN, NB E2L 4L4 CAN
NB(SAINT JOHN)
201500617252 v2
Action stage: GC Bidding
Bid date: 09/17/2015 @ 02:00 PM ADT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 10/01/2015
Owner type: State
Project Overview
Project type: Hospital.
Report type: Project
Sub project count: 0
First publish date: 08/28/2015
Prior publish date: 08/28/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC Bids to Owner September 17 at 2:00 PM (ADT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Steen-Knorr Architecture Inc
Douglas Steen, Architect
40 Coburg Street Saint John, NB E2L 3J5
Phone: 506-634-8860 Fax: 506-634-0916
E-mail: admin@steenknorrarchitecture.ca
Owner (Public): Supply & Services-Central Tendering Branch
Tabitha Lee, Administration
20 McGloin Street Room 205, Marysville
Place FREDERICTON, NB E3B 5H1
Phone: 506-453-6128 Fax: 506-444-4400
E-mail: Tabitha.Lee@gnb.ca,

<http://www2.gnb.ca/content/gnb/en/departments/gove>
Notes: DEWB73 Site Visit September 8 at 10:00 AM (ADT) at the lobby at main entrance - Level 1 of Hospital - Contact for pre tender site visit: Mark McNeil at 506-650-5395
- Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public) - US\$ 50 deposit. Non - Refundable
Additional features: Level 4 - Medical Intensive Care Unit Isolation Room Renovations - Saint John, NB
ITEM: Security / Electrical Upgrade(Fredericton High School) BY5247
300 Priestman St
FREDERICTON, NB E3B 6J8 CAN
NB(YORK)
201500617274 v2
Action stage: Bidding
Bid date: 09/17/2015 @ 02:00 PM AST
Valuation: C (200K to <300K)
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Middle/Senior High School.
Report type: ITEM Only
Sub project count: 0
First publish date: 08/28/2015
Prior publish date: 08/28/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Elec Work. Security Sys.
Item Category: ELECTRICAL. SECURITY/ALARM SYS.
Status: Bids to Owner September 17 at 2:00 PM (AST)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: exp Services Inc.
Mitch Gallant
1133 Regent Street Fredericton,
NB E3B 4Y2
Phone: 506-452-9000 Fax: 506-459-3954
E-mail: mitch.gallant@exp.com,
<http://www.exp.com/en/home>
Company Name: EXP - Expecting Possibilities (Formerly ADI) Email ID: mitch.gallant@exp.com
Internet Addr: <http://www.exp.com/en/home>
Owner (Public): Supply & Services-Central Tendering Branch
Tabitha Lee, Administration
20 McGloin Street Room 205, Marysville
Place FREDERICTON, NB E3B 5H1
Phone: 506-453-2706 Fax: 506-444-4400
E-mail: tabitha.lee@gnb.ca,
<http://www2.gnb.ca/content/gnb/en/departments/gove>

Notes: DEWB73 Contact for pre tender site visit: Phillip Cliff at 506-444-5981 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public) - US\$ 50 deposit. Non - Refundable
Items: Security / Electrical Upgrade - Fredericton High School - NB

Landscaping - Ground Maintenance
PR289372
Various locations
PE CAN
PE(KINGS)
201400443279 v11
Action stage: Bid Results
Bid date: 03/19/2014 @ 02:00 PM ADT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 12/01/2014
Owner type: Private
Project Overview
Project type: Landscaping.
Report type: Project
Sub project count: 0
First publish date: 02/24/2014
Prior publish date: 07/02/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owner's decision to proceed - Bid March 19
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pr)
Consultant: MERX
Customer Support
38 Antares Drive Ottawa, ON K2E 7V2
Phone: 613-727-4900 Fax: 888-235-5800
E-mail: merx@merx.com,
<http://www.merx.com>
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
Engineer: SNC-Lavalin O&M Inc
Scott Gilchrist
1660 Hollis Street Halifax, NS B3J 1V7
Phone: 902-423-4054
E-mail: sgilchrist@snclavalinprofac.com
Company Name: SNC-Lavalin ProFac Inc
Email ID: sgilchrist@snclavalinprofac.com
Owner's Agent (Private): SNC-Lavalin O&M Inc
Scott Gilchrist
1660 Hollis Street Halifax, NS B3J 1V7
Phone: 902-423-4054
E-mail: sgilchrist@snclavalinprofac.com
Company Name: SNC-Lavalin ProFac Inc
Email ID: sgilchrist@snclavalinprofac.com
Notes: DEWB73 Registration to MERX

Dodge upcoming project reports

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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 - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Consultant
Additional features: Landscaping & Grounds Maintenance Services in the province of Prince Edward Island

Miltonvale Wellfield Development - Phase I 297756

site not specified
CHARLOTTETOWN, PE CAN
PE(QUEENS)

201400541428 v14
Action stage: Bid Results
Bid date: 06/20/2014 @ 02:00 PM
Valuation: F (500K to <750K)

Project delivery system: Design-Bid-Build
Target start date: 01/01/2015

Target complete date: 12/01/2014
Owner type: Local Government

Project Overview
Project type: Paving, Site Development, Storm Sewer, Water Line.

Report type: Project
Sub project count: 0

First publish date: 05/30/2014
Prior publish date: 07/02/2015
Publisher: Dodge Data & Analytics

Type of Work: Alterations
Status: Bids in and under review - Further action pending Owner's decision to proceed - Bid June 20

Status project delivery system: Design-Bid-Build

Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)

Consultant: MERX
Customer Support
38 Antares Drive Ottawa, ON K2E 7V2
Phone:613-727-4900 Fax:888-235-5800
E-mail: merx@merx.com,
<http://www.merx.com>

Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.

Engineer: Coles Associates Ltd
Reception
197 Malpeque Road CHARLOTTETOWN, PE C1A 7L3

Phone:902-368-2300 Fax:902-566-3768
E-mail: hcoles@caltech.ca, <http://www.colesassociates.com/index.htm>

Engineer: Crandall Engineering Ltd
Reception
400 - 1077 St George Blvd MONCTON, NB E1E 4C9

Phone:506-857-2777 Fax:506-857-2753
E-mail: info@crandallengineering.ca,
<http://www.crandallnb.com/>

Owner (Public): City of Charlottetown
Belinda Rogers

199 Queen St PO Box 98 CHARLOTTE-TOWN, PE C1A 7K2

Phone:902-566-5548 Fax:902-629-4156
E-mail: brogers@charlottetown.ca,
<http://www.city.charlottetown.pe.ca>
Internet Addr : <http://www.city.charlottetown.pe.ca>

Notes: DEWB73 The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623

Bonds: 10% Bid Bond, 50% Performance Bond, 50% Payment Bond.

Plans available from: Consultant
Additional features: Clearing and grubbing, and removal of other site items as required to complete work and as indicated - Excavation and backfilling, sand bedding, sandstone, gravel base, asphalt paving, etc. as specified and where indicated - construction of gravelled surface service roads to all 5 well sites.

Provision for ditches and culverts - Provision for trenches and conduits for electrical and communication wiring between control building and wells - Construction of a permanent stream crossing complete with riprap slope protection (refer to timing restrictions to construct crossing structure) - Provision for pitless adaptors at wellheads. No pumps or wiring required in this Phase - Provision for wellhead concrete chambers - Construction of new wellfield piping to connect 5 production wells, 3 east side and 2 on west side of stream, consisting of approximately 2 Km of PVC pipe complete with valves, appurtenances, and other components. Contractor to supply water for pressure testing of watermain - Construction of a Control Building with limited electrical, mechanical systems in this phase - Provision for site work, storage yard, piping under and through building and other related site services at Control Building - Provision for on site septic system - Chain link fencing and gates at Control Building and wellheads - Extension of 3 Phase electrical power service between Rt. #2 and Control Building - Testing and commissioning for full and complete operation of all systems supplied on this project - Traffic control and traffic management during construction;

Confederation Trail Access Upgrades
PEIGOV-TIR-CONFEDERA
MOUNT HERBERT TO HAZELBROOK
CHARLOTTETOWN, PE CAN
PE(QUEENS)

201400405707 v12
Action stage: Bid Results
Bid date: 01/28/2014 @ 02:00 PM AST
Valuation: D (300K to <400K)

Project delivery system: Design-Bid-Build
Target start date: 01/01/2015
Owner type: State

Project Overview
Project type: Park/Playground. Site Development. Landscaping, Storm Sewer.

Report type: Project
Sub project count: 0

First publish date: 01/09/2014
Prior publish date: 06/30/2015

Publisher: Dodge Data & Analytics
Type of Work: Alterations

Status: Bids in and under review - Further action pending Owner's decision to proceed - Bid January 28

Status project delivery system: Design-Bid-Build

Publish date: 09/15/2015
Key Contacts and Bid Documents

Submit bids to: Owner (Public)
Engineer: Transportation and Public Works
Peggy Murphy

11 Kent Street - Jones Bldg 2nd Floor - P.O. Box 2000 CHARLOTTETOWN, PE C1A 7N8

Phone:902-368-5160 Fax:902-368-5171
<http://www.gov.pe.ca/>

Company Name : Transportation and Public Works
Owner (Public): Transportation and Public Works

Peggy Murphy
11 Kent Street - Jones Bldg 2nd Floor - P.O. Box 2000 CHARLOTTETOWN, PE C1A 7N8

Phone:902-368-5160 Fax:902-368-5171
<http://www.gov.pe.ca/>

Company Name : Transportation and Public Works
Notes: DEWB73

Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Notes: DEWB73
Plans available from: Owner (Public)
Additional features: This project commences where the Confederation Trail intersects the Mill Road and proceeds in an easterly direction for 3.2 km. The work includes: Clearing and Grubbing, Mowing/cutting /mulching stumps and brush; prepping base for material; Installing Culverts Supplied by Dept. supply and placement of select borrow (in select areas), environmental controls and all labour, material and equipment necessary to complete the work

Item Category: HVAC/DUCTWORK, PLUMBING/FIRE PROTECTION, PLUMBING/FIRE PROTECTION.

Status: Bids to Owner September 17 at 2:00 PM (PDT)

Status project delivery system: Design-Bid-Build

Publish date: 09/15/2015
Key Contacts and Bid Documents

Submit bids to: Owner (Public)
Engineer: Northern Health Authority
Sheena Smith, Co[ord Planning

715 - 300 Victoria Street Prince George, BC V2L 5B8

Phone:250-645-6349 Fax:250-565-2753
E-mail: sheena.smith@northernhealth.ca

Email ID : sheena.smith@northernhealth.ca
Owner (Public): Northern Health Authority
Sheena Smith, Co[ord Planning

715 - 300 Victoria Street Prince George, BC V2L 5B8

Phone:250-645-6349 Fax:250-565-2753
E-mail: sheena.smith@northernhealth.ca

Email ID : sheena.smith@northernhealth.ca
Notes: DEWB73 Mandatory Site Visit August 31 at front entrance of Bulkley Valley Hospital - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623

Plans available from: Owner (Public)
Items: Bulkley Valley Hospital - Domestic Hot Water Upgrade

Plans available from: Owner (Public)
Items: Bulkley Valley Hospital - Domestic Hot Water Upgrade

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Items: Bulkley Valley Hospital - Domestic Hot Water Upgrade

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Plans available from: Owner (Public)
Items: Bulkley Valley Hospital - Domestic Hot Water Upgrade

Plans available from: Owner (Public)
Items: Bulkley Valley Hospital - Domestic Hot Water Upgrade

Dodge upcoming project reports

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Phone:604-927-5442 Fax:604-927-3035
E-mail: bid@coquitlam.ca, http://www.coquitlam.ca
Owner (Public): City of Coquitlam Planning Department
Deana Trudeau, Purchasing Mgr
3000 Guildford Way (City Hall Annex) COQUITLAM, BC V3B 7N2
Phone:604-927-5442 Fax:604-927-3035
E-mail: bid@coquitlam.ca, http://www.coquitlam.ca
Notes: DEWB82
Plans available from: Owner (Public)
Additional features: Construction Services for Mackin Park Tennis Courts

Burke Mountain Creek Culvert Installation 150801
Burke Mountain Creek
COQUITLAM, BC CAN
BC(GREATER VANCOUVER)
201500625035 v2
Action stage: Bid Results
Bid date: 09/11/2015 @ 02:00 PM EDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 10/01/2015
Owner type: Local Government
Project Overview
Project type: Site Development. Storm Sewer.
Report type: Project & ITEM
Sub project count: 0
First publish date: 09/09/2015
Prior publish date: 09/09/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Item Code: Fill. Grading-Rough & Finished. Grading-Rough & Fin; Engrg Pjt.
Item Category: DEMOL/BLDG.MOVING. EXCAVATING/DRILLING. EXCAVATING/DRILLING.
Status: Bids in and under review - Award expected in 30-60 days - Bid September 11
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Engineer
Engineer: WSP Canada Inc.
Reception
200 - 1985 West Broadway Vancouver, BC V6J 4Y3
Phone:604-736-5421 Fax:604-736-1519
Owner (Public): City of Coquitlam Purchasing Department
3000 Guildford Way COQUITLAM, BC V3B 7N2
Phone:604-927-3530 Fax:604-927-3535
E-mail: bid@coquitlam.ca, http://www.coquitlam.ca
Company Name : City of Coquitlam Internet Addr : http://www.coquitlam.ca
Notes: DEWB86
Plans available from: Owner (Public)
Additional features: ? Site Preparation? Pre-Grading? Channel Regrading and Reconstruction? Culvert installations at Princeton Ave and David Ave Burke Mountain Creek Cross-

ings? Culvert backfill and Road Subgrade Fill? Lock Block Retaining Walls? Sediment Control? Slope Protection

Britannia Mine Remediation RFPCCSP2015-01
Britannia Beach to Jane Basin
VICTORIA, BC CAN
BC(CAPITAL)
201400632186 v11
Action stage: Bid Results
Bid date: 09/11/2014 @ 02:00 PM PDT
Valuation: H (1M to <3M)
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Paving. Highway Signs/Guardrails. Site Development. Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 09/05/2014
Prior publish date: 09/09/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids September 11
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Ministry of Agriculture and Lands
Katherine O'Leary
780 Blanshard Street P.O. Box 9373 Stn Prov. Gov't Victoria, BC V8W 9M3
Phone:250-387-6121 Fax:250-356-7830
E-mail: Katherine.OLeary@gov.bc.ca
Company Name : Ministry of Agriculture and Lands Email ID :
Katherine.OLeary@gov.bc.ca
Owner (Public): Ministry of Agriculture and Lands
Gregg Stewart, Manager
780 Blanshard Street P.O. Box 9373 Stn Prov. Gov't Victoria, BC V8W 9M3
Phone:250-387-1528 Fax:250-356-7830
E-mail: Gregg.Stewart@gov.bc.ca
Notes: DEWB50 The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623 - Mandatory Site Visit: August 15.
Plans available from: Owner (Public)
Additional features: maintenance and upgrades of the 11km backcountry road from Britannia Beach to Jane Basin- installation, upgrades and maintenance of surfacewater drainage systems- installation of safety signage- blocking mine entries to prevent access- and other ad hoc general infrastructure construction and maintenance works.

CFB Esquimalt UPS Systems - Room Upgrade 284620
Dockyard 199, 1600 Esquimalt Rd
VICTORIA, BC V9A 7N2 CAN

BC(CAPITAL)
201300694398 v15
Action stage: Bid Results
Bid date: 01/16/2014 @ 02:00 PM PST
Valuation: \$584,588
Project delivery system: Design-Bid-Build
Target start date: 03/01/2014
Owner type: Military
Project Overview
Project type: Military Facility.
Report type: Project
Sub project count: 0
First publish date: 12/16/2013
Prior publish date: 07/23/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - contract award possible within 30 days - GC Bid January 16
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)
Architect: Applied Engineering Solutions Ltd.
300 - 1815 Blanshard St Victoria, BC V8T 5A4
Phone:250-381-6121 Fax:250-381-6811
http://www.appliedengineering.ca/
Consultant: MERX
Customer Support
38 Antares Drive Ottawa, ON K2E 7V2
Phone:613-727-4900 Fax:888-235-5800
E-mail: merx@merx.com,
http://www.merx.com
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
Owner (Public): Defence Construction Canada Site
Michael Morris, Contract authority
PO Box 17000 Station Forces CFB Esquimalt Bldg 575 Rm 215 VICTORIA, BC V9A 7N2
Phone:250-508-4457 Fax:250-363-5867
E-mail: Michael.Morris@dcc-cdc.gc.ca
Email ID : Michael.Morris@dcc-cdc.gc.ca
Owner's Agent (Public): Vancouver Island Construction Association
1075 Alston Street Victoria, BC V9A 3S6
Phone:250-388-6471 Fax:250-388-5183
E-mail: vica@vica.ca
Notes: DEWB43 DEFENCE CONSTRUCTION CANADA (DCC) - #ES142945 - 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 the local Construction Association - Please note that the tender results for this project are available from the Bid Opening Office and from the DCC Site at telephone (250) 363-5026 - This project also appeared under DR 201300694384 - That report has been removed from our database - All further information on this project will appear under this report number
Plans available from: Consultant

Addenda receive date: EC-/2/16-D
Additional features: Additional Cooling equipment for UPS room - Revised main distribution breaker and feeder - upgrade to existing room to create additional space revise lighting and additional walls

MANITOBA

ITEM: House Demolition - Remediation ET022160946A
**Langford Community Pasture, (SW 24-13-15 W1M)
NEEPAWA, MB CAN
MB(DIVISION 15)
201500628807 v2
Action stage: Bidding
Bid date: 09/23/2015 @ 02:00 PM CDT
Valuation: B (100K to <200K)
Project delivery system: Design-Bid-Build
Owner type: Federal
Project Overview
Project type: Hazardous Waste Disposal. Unclassified.
Report type: ITEM Only
Sub project count: 0
First publish date: 09/14/2015
Prior publish date: 09/14/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Asbestos Abatement. Demolition of G/H Structures.
Item Category: ASBESTOS REMOVAL. DEMOL/BLDG.MOVING.
Status: Bids to Owner September 23 at 2:00 PM (CDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: EGE Engineering Ltd.
511 Pepperloaf Cres WINNIPEG, MB R3R 1E6
Phone:204-226-7378 Fax:204-837-6473
Owner (Public): Public Works & Government Services Canada
Crystal Sarna, Supply Specialist
Room 100 - 167 Lombard Ave (PO Box 1408) WINNIPEG, MB R3C 2Z1
Phone:204-983-4247 Fax:204-983-7796
E-mail: crystal.sarna@pwgsc-tpsgc.gc.ca,
http://www.tpsgc-pwgsc.gc.ca
Notes: CRCN03 - 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: Demolition of the former pasture manager residence including the removal of all associated hazardous building materials and the excavation of an estimated 50 cubic metres of impacted soil. The project also includes the restoration of the area to original site conditions
Corrugated Steel Culverts H050023153
WINNIPEG, MB CAN
MB(DIVISION 11)

Dodge upcoming project reports

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201500622716 v2
Action stage: Bid Results
Bid date: 09/08/2015 @ 12:00 PM CDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Storm Sewer.
Report type: Project & ITEM
Sub project count: 0
First publish date: 09/04/2015
Prior publish date: 09/04/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Item Code: Culvert Pipe, Fabrication-Structural Steel, Steel-Reinforcing, Steel-Struct,Fab and/or Erect.
Item Category: SEWER/WATER PIPE.
STRUCTURAL METAL. MISC/ORN METAL. STRUCTURAL METAL.
Status: Bids in and under review - Award expected in 30-60 days - Bid September 8
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Manitoba Infrastructure & Transportation
Contracts Services, Tenders
1700 Portage Avenue WINNIPEG, MB R3J 0E1
Phone:204-945-3776
E-mail: mit.co.purchasing@gov.mb.ca, http://tgs.gov.mb.ca/ctsold/tenders.aspx
Owner (Public): Manitoba Infrastructure & Transportation
Contracts Services, Tenders
1700 Portage Avenue WINNIPEG, MB R3J 0E1
Phone:204-945-3776
E-mail: mit.co.purchasing@gov.mb.ca, http://tgs.gov.mb.ca/ctsold/tenders.aspx
Notes: DEWB86
Plans available from: Owner (Public)
Additional features: DETOUR REMOVAL AND DETOUR CONSTRUCTION PTH 5, VARIOUS LOCATIONS

MTS Iceplex (Addition)
3969 Portage Ave
WINNIPEG, MB R3K 1W4 CAN
MB(DIVISION 11)
201500619506 v2
Action stage: Start
Bid date: Valuation: \$7,500,000
Project delivery system: Design-Bid-Build
Target start date: 09/01/2015
Target complete date: 10/01/2016
Owner type: Private
Project Overview
Project type: Indoor Arena.
Report type: Project
Sub project count: 0
First publish date: 09/01/2015
Prior publish date: 09/01/2015
Publisher: Dodge Data & Analytics
Type of Work: Additions

Status: Local approvals in Place - September construction start anticipated - Completion for 2016/17 Hockey Season
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: General Contractor
Architect: Sink Combs & Dethlefs, Inc. Lindsey Peckinpugh, AIA, LEED AP
4255 N Honore St CHICAGO IL 60613-4572 (USA)
Phone:312-327-5158 Fax:312-335-1433
E-mail: lpeckinpugh@sinkcombs.com, http://www.sinkcombs.com/
General Contractor: PCL Constructors Incorporated
Corey Mahoney, Project manager
1540 Gamble place Winnipeg, MB R3T 1N6
Phone:204-949-8900 Fax:204-287-2375
E-mail: WinnipegInquiries@pcl.com, http://www.pcl.com/Pages/default.aspx
Internet Addr : http://www.pcl.com/Pages/default.aspx
Owner (Private): True North Sports & Entertainment Limited
345 Graham Winnipeg, MB R3C 5S6
Phone:204-987-7825 Fax:204-926-5555
E-mail: info@truenorth.mb.ca, http://www.mtscentre.ca/
Notes: CRCN03
Plans available from: General Contractor
Structural Details
Structural information: 1 Building/ 2 Stories above grade / 2 Stories below grade / 1,950 Total square meterftft / Building Frame: Structural Steel
Additional features: Two stroyee 21000 square foot addition to accommodate Team Dressing Facilities - office space - operational staff space - storage space

ITEM: Temporary Roof Shoring (Water Treatment Plant) L4015
108 - 26th Street North
BRANDON, MB R7B 0B5 CAN
MB(DIVISION 07)
201500541588 v4
Action stage: Start
Bid date: 06/09/2015 @ 02:00 PM CST
Valuation: \$258,693
Project delivery system: Design-Bid-Build
Target start date: 07/01/2015
Owner type: Local Government
Project Overview
Project type: Water Treatment Plant.
Report type: ITEM Only
Sub project count: 0
First publish date: 06/01/2015
Prior publish date: 07/07/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Roofing-All Types.
Item Category: ROOFING.
Status: Contract awarded - Bid June 9
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015

Key Contacts and Bid Documents
Submit bids to: General Contractor
Engineer: AECOM (formerlyUMA Engineering Ltd)
99 Commerce Drive Winnipeg, MB R3P 0Y7
Phone:204-284-0580 Fax:204-475-3636
http://www.aecom.com/
General Contractor: Minty's Moving Ltd
P O Box 270 Onanole, MB R0J 1N0
Phone:204-848-2552 Fax:204-848-2275
E-mail: info@mintysmoving.ca
Owner (Public): City of Brandon - Airport Services
Procurement Manager, Treasury Department
Site 520 box 36 RR 5 Brandon, MB R7A 5Y5
Phone:204-726-8546 Fax:204-726-8546
E-mail: purchorder@brandon.ca, http://www.brandon.ca
Project Name : City of Brandon (Purchasing Dept)
Notes: CRCN02 -
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
Plans available from: Owner (Public)
Items: Temporary Roof Shoring

Cartier Regional Water Co-Operative Water Treatment Plant MWSB 1155
unspecified location
HEADINGLY, MB CAN
MB(DIVISION 11)
201400585620 v15
Action stage: Construction
Bid date: 08/01/2014 @ 11:00 AM CDT
Valuation: \$35,165,581
Project delivery system: Design-Bid-Build
Target start date: 12/01/2014
Target complete date: 04/01/2016
Owner type: Private
Project Overview
Project type: Water Treatment Plant.
Report type: Project
Sub project count: 0
First publish date: 07/17/2014
Prior publish date: 08/13/2015
Publisher: Dodge Data & Analytics
Type of Work: New Project
Status: Contract award not available from regular sources - Bids August 1 2014
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)
Architect: Stantec Architecture
Saibal Basu, P.Eng
905 Waverley Street Winnipeg, MB R3T 5P4
Phone:204-489-5900 Fax:204-478-8981
E-mail: saibal.basu@stantec.com, http://www.stantec.com
Email ID : saibal.basu@stantec.com Internet Addr : http://www.stantec.com
Electrical Engineer: Stantec Architecture
Saibal Basu, P.Eng
905 Waverley Street Winnipeg, MB R3T 5P4
Phone:204-489-5900 Fax:204-478-8981

E-mail: saibal.basu@stantec.com, http://www.stantec.com
Email ID : saibal.basu@stantec.com Internet Addr : http://www.stantec.com
General Contractor: Penn-Co Construction Ltd
Ernie Penner, Principal
PO Box 60 Blumenort, MB R0A 0C0
Phone:204-326-1341 Fax:204-326-4967
E-mail: info@mb.penn-co.com, http://www.penn-co.com
Mechanical Engineer: Stantec Architecture
Saibal Basu, P.Eng
905 Waverley Street Winnipeg, MB R3T 5P4
Phone:204-489-5900 Fax:204-478-8981
E-mail: saibal.basu@stantec.com, http://www.stantec.com
Email ID : saibal.basu@stantec.com Internet Addr : http://www.stantec.com
Owner (Private): Cartier Regional Water Co-op
Bob Poirier, cao
1060 Highway 26 ST. FRANCOIS XAVIER, MB R4L 1A5
Phone:204-864-2092 Fax:204-864-2390
E-mail: cao@rm-stfrancois.mb.ca Email ID : cao@rm-stfrancois.mb.ca
Owner's Agent (Public): Manitoba Water Services Board
Robin Lytle, Contract Authority
2022 Currie Blvd Box 22080 Brandon, MB R7A 6Y9
Phone:204-726-6096
E-mail: robin.lytle@gov.mb.ca, http://www.gov.mb.ca/ia/mwsb/mwsp.html
Email ID : robin.lytle@gov.mb.ca Internet Addr : http://www.gov.mb.ca/ia/mwsb/mwsp.html
Structural Engineer: Stantec Architecture
Saibal Basu, P.Eng
905 Waverley Street Winnipeg, MB R3T 5P4
Phone:204-489-5900 Fax:204-478-8981
E-mail: saibal.basu@stantec.com, http://www.stantec.com
Email ID : saibal.basu@stantec.com Internet Addr : http://www.stantec.com
Notes: DEWB43
Plans available from: Owner's Agent (Pu)
Structural Details
Structural information: 1 Building/ 1 Story above grade / 0 Story below grade / 1,750 Total square meter / Building Frame: Pre-Engineered Metal
Additional features: Construction of Cartier Regional Water Treatment Plant WTP in the RM of Headingley consisting of but not limited to the following works - 4370 cubic meter below ground water storage reservoir - 1750 square meter pre-engineered WTP building - pre-selected membrane equipment - process mechanical - building HVAC - plumbing - electrical and instrumentation - raw water settling ponds and pumphouse - upgrade of existing intake pumphouse - watermain connection to Headingley Correctional Centre - underground pipelines for raw water - settled raw water - sewage

Dodge upcoming project reports

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Northern Canada

ITEM: Electrical Maintenance - Repair (IQC)
MC196498
BAKER LAKE, NU CAN
NU(NUNAVUT)
201500629155 v1
Action stage: Bidding
Bid date: 09/25/2015 @ 03:00 PM CDT
Valuation: C (200K to <300K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Target complete date: 03/01/2016
Owner type: State
Project Overview
Project type: Capitol/ Courthouse/City Hall.
Report type: ITEM Only
Sub project count: 0
First publish date: 09/15/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Elec Work.
Item Category: ELECTRICAL.
Status: Bids to Owner September 25 at 3:00 PM (CDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Nunavut
Matthew Amarualik, Buyer
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg IQALUIT
NU X0A 0H0
Phone:867-975-5363 Fax:867-975-5450
E-mail: mamarualik@gov.nu.ca, <http://www.nunavuttenders.ca/>
Owner (Public): Government of Nunavut
Matthew Amarualik, Buyer
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg IQALUIT
NU X0A 0H0
Phone:867-975-5363 Fax:867-975-5450
E-mail: mamarualik@gov.nu.ca, <http://www.nunavuttenders.ca/>
Notes: DEWB73
Bonds: \$25,000 Bid Bond.
Plans available from: Owner (Public)
Items: As and When Required Services electrical Maintenance and Repair Baker Lake, NU

ITEM: Lighting Replacements SC450572
**RCMP - three locations
NT CAN
NT(INUVIK)
201500628882 v2
Action stage: Bidding
Bid date: 09/23/2015 @ 03:00 PM MDT
Valuation: B (100K to <200K)
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Fire/Police Station.
Report type: ITEM Only
Sub project count: 0
First publish date: 09/14/2015
Prior publish date: 09/14/2015

Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Lighting Fixtures.Int & Ext.
Item Category: ELECTRICAL.
Status: Bids to Owner September 23 at 3:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Northwest Territories
Procurement Shared Services
Inuvik Regional Office 3rd Floor Perry Building Inuvik, NT X0E 0T0
Phone:867-777-7146 Fax:867-777-7109 Company Name : Government of Northwest Territories
Owner (Public): Department of Public Works & Services
Contracts Administrator PSS, Procurement Shared S
Inuvik Regional Office 3rd Floor Perry Building Inuvik, NT X0E 0T0
Phone:867-777-7146 Fax:867-777-7109
E-mail: psstendersinuvik@gov.nt.ca Company Name : Department of Public Works & Services
Notes: CRCN03 - 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: Lighting Replacements - RCMP - Aklavik, Fort McPherson and Fort Good Hope

ITEM: Roof Shingle Replacement PM017489
site not specified
YELLOWKNIFE, NT CAN
NT(FORT SMITH)
201500629336 v1
Action stage: Bidding
Bid date: 09/16/2015 @ 03:00 PM MDT
Valuation: B (100K to <200K)
First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Apartments/Condominiums 1-3 Stories.
Report type: ITEM Only
Sub project count: 0
First publish date: 09/15/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Roofing-All Types. Shingles-All-Roofing-Install.
Item Category: ROOFING. ROOFING.
Status: Bids to Owner September 16 at 3:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: North Slave Housing Corporation
Robert Voudrach

9th Floor, Northwest Bldg 5201 - 50th Avenue Yellowknife, NT X1A 2P6
Phone:867-873-7877
E-mail: MILT-PITTMAN@gov.nt.ca
Owner (Public): North Slave Housing Corporation
Susie Hanna
9th Floor, Northwest Bldg 5201 - 50th Avenue Yellowknife, NT X1A 2P6
Phone:867-873-7830 Fax:867-920-2459
E-mail: MILT-PITTMAN@gov.nt.ca Company Name : North Slave Housing Corporation
Plans available from: Owner (Public)
Items: Roof Shingle Replacement

1 Client Repair - Client 4 PM017480
INUVIK, NT CAN
NT(INUVIK)
201500621954 v2
Action stage: GC Bidding
Bid date: 09/17/2015 @ 03:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 11/01/2015
Owner type: State
Project Overview
Project type: Apartments/Condominiums 1-3 Stories.
Report type: Project
Sub project count: 0
First publish date: 09/04/2015
Prior publish date: 09/04/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC Bids to Owner September 17 at 3:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Government of Northwest Territories
Procurement Shared Services
Inuvik Regional Office 3rd Floor Perry Building Inuvik, NT X0E 0T0
Phone:867-777-7146 Fax:867-777-7109 Company Name : Government of Northwest Territories
Owner (Public): Government of Northwest Territories
Procurement Shared Services
Inuvik Regional Office 3rd Floor Perry Building Inuvik, NT X0E 0T0
Phone:867-777-7146 Fax:867-777-7109 Company Name : Government of Northwest Territories
Notes: DEWB86 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public)
Additional features: 1 Client Repair - client # 4

Air Terminal Building Groundside Access
Road SC795271

Site unspecified
FORT RESOLUTION, NT CAN
NT(FORT SMITH)
201500625657 v3
Action stage: GC Bidding
Bid date: 09/17/2015 @ 03:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 10/01/2015
Owner type: State
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 09/10/2015
Prior publish date: 09/11/2015
Publisher: Dodge Data & Analytics
Type of Work: New Project
Status: GC Bids to Owner September 17 at 3:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: 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/List-Proc>
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/List-Proc>
Email ID : psstenders@gov.nt.ca Internet Addr : <http://www.contractregistry.nt.ca/Public/ListProc>
Notes: DEWB43 - The list of Prospective bidders is not available from regular sources - If you are GC bidding on this project please call 1-888-836-6623
Plans available from: Owner (Public)
Additional features: construction of a New Groundside Air Terminal Building (ATB) Access

ONTARIO

City Hall Improvements T0915
500 George Street North
PETERBOROUGH, ON K9H 3R9 CAN
ON(PETERBOROUGH)
201500619950 v3
Action stage: GC Bidding-Invitation
Bid date: 09/17/2015 @ 03:00 PM EDT
Valuation: F (500K to <750K)

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Project delivery system: Design-Bid-Build
Target start date: 10/01/2015
Owner type: Local Government
Project Overview
Project type: Capitol/ Courthouse/City Hall.
Report type: Project
Sub project count: 0
First publish date: 09/02/2015
Prior publish date: 09/03/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Pre-Qualified GC Bids to Owner September 17 at 3:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: +VG Architects - The Ventin Group Ltd
David Ecclestone, Architect
72 Stafford Street Suite 200, 2nd Floor
Toronto, ON M6J 2R9
Phone:416-588-6370 Ext:248 Fax:416-588-6327
E-mail: declestone@ventingroup.com, http://www.ventingroup.com
Consulting Engineer: Durham Energy Specialists
Leanne Skribe, President
5 Carlow Court Whitby, ON L1N 9T7
Phone:905-430-7151 Fax:905-430-7154
E-mail: info@durhamenergy.com, http://www.durhamenergy.com
Owner (Public): City of Peterborough
Corporate Services, Purchasing
500 George Street North PETERBOROUGH, ON K9H 3R9
Phone:705-742-7771 Ext:1860 Fax:705-743-7825
E-mail: tenders@peterborough.ca, http://www.peterborough.ca
Owner's Agent (Public): City of Peterborough
Mac Gillivray, PropertyEnergyMngr
500 George Street North PETERBOROUGH, ON K9H 3R9
Phone:705-742-7777 Ext:1860 Fax:705-748-8839
E-mail: mmacgillivray@peterborough.ca, http://www.peterborough.ca
http://www.peterborough.ca Email ID : mmacgillivray@peterborough.ca Internet Addr : Structural Engineer: Truax Engineering
Andy Truax, President
54 Driftwood Place Kitchener, ON N2N-1W3
Phone:519-570-9035 Fax:519-570-1403
E-mail: atruax@truaxengineering.com
Notes: DEWB73 A mandatory site meeting September 1 at 9:00 AM (EDT) at City Hall, in the City Board Room, 500 George Street North, Peterborough - Ontario
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: City Hall North Wing Cornice and Eavestrough Replacement and East Wall Foundation Repairs

Wallace Street Road Reconstruction T15-092
**Wallace Street
VAUGHAN, ON CAN
ON(YORK)
201500468217 v6
Action stage: Construction
Bid date: NDS
Valuation: \$124,238
Project delivery system: Design-Bid-Build
Target start date: 04/01/2015
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 03/18/2015
Prior publish date: 09/08/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Reporting GC - Construction schedule undetermined - Bid March 31
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Vaughan
Jack Graziosi - Director, Engineering Services
2141 Major Mackenzie Drive VAUGHAN, ON L6A 1T1
Phone:905-832-8525 Fax:905-832-6145
E-mail: ralph.ehlers@stantec.com, http://www.vaughan.ca
Internet Addr : http://www.vaughan.ca
General Contractor: Pave-1 Construction Ltd.
John Corbo, Owner
1110 Finch Ave West TORONTO, ON M3J 3M2
Phone:416-993-2116
E-mail: john@pave-1.com, http://www.pave-1.com/
Internet Addr : http://www.pave-1.com/
Owner (Public): City of Vaughan
Rajna Rakanovic
2141 Major Mackenzie Drive VAUGHAN, ON L6A 1T1
Phone:905-832-8555 Ext:8395 Fax:905-832-6145
E-mail: rajna.rakanovic@vaughan.ca, http://www.vaughan.ca
Email ID : rajna.rakanovic@vaughan.ca Internet Addr : http://www.vaughan.ca
Notes: CRCN03
Plans available from: Owner (Public) - US\$ 50 deposit. +HST/ non-refundable
Additional features: reconstruction of approximately 130m of road on Wallace Street, south of Highway 7

Beaver River Trail Rehabilitation
201542QREC
Mary Street along river bank -, from Marsh Street
THORN BURY, ON CAN
ON(GREY)
201500623157 v2
Action stage: Bidding
Bid date: 09/17/2015 @ 12:00 AM EDT

Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 09/01/2015
Target complete date: 11/01/2015
Owner type: Local Government
Project Overview
Project type: Park/Playground. Site Development.
Report type: Project
Sub project count: 0
First publish date: 09/08/2015
Prior publish date: 09/08/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner September 17 (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Town of the Blue Mountains
Finance Department
32 Mill Street, 1st Floor (PO Box 310)
THORN BURY, ON N0H 2P0
Phone:519-599-3131 Ext:227 Fax:519-599-7723
E-mail: purchasing@thebluemountains.ca, http://www.thebluemountains.ca
Internet Addr : http://www.thebluemountains.ca
Owner (Public): Town of the Blue Mountains
Finance Department
32 Mill Street, 1st Floor (PO Box 310)
THORN BURY, ON N0H 2P0
Phone:519-599-3131 Ext:227 Fax:519-599-7723
E-mail: purchasing@thebluemountains.ca, http://www.thebluemountains.ca
Internet Addr : http://www.thebluemountains.ca
Notes: DEWB82 Pre-bid meeting September 8 at 9:00 AM (EDT) at Mary Street access just east of the Marsh Street Bridge in Clarksburg
Plans available from: Owner (Public)
Additional features: ? Supply, placement and compaction of approximately 466 m3 of Granular A; ? Cutting of approximately 35 to 40 trees ranging from 8" to 20" caliper trees into 6' lengths and leaving 12" stumps, all trees marked by Town Staff prior to works commencing; ? Re-establish approximately 230m of trail to a 3m width from Mary Street to the former the tailrace crossing; ? Clearing & grubbing of three 750 m2 areas to a maintainable and obstruction free landscaped condition; ? Widen existing 1.5m trail to a 3m width to Mary Street along river bank. approx. 260m in length from Marsh Street

St. Marie of the Incarnation Catholic Elem Sch (Add - Reno) CP314
105 Colborne street
BRADFORD, ON L3Z 1C4 CAN
ON(SIMCOE)
201500425790 v10
Action stage: Construction
Bid date: 02/19/2015 @ 03:00 PM EST
Valuation: J (5M to <10M)

Project delivery system: Design-Bid-Build
Target start date: 03/01/2015
Target complete date: 08/01/2015
Owner type: State
Project Overview
Project type: Primary School.
Report type: Project
Sub project count: 0
First publish date: 02/03/2015
Prior publish date: 09/10/2015
Publisher: Dodge Data & Analytics
Type of Work: Additions, Alterations
Status: Bids in and under review - Contract Award possible within 30-60 days - Pre-qualified GC bids February 19
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Robertson Simmons Architects Inc. (former RHL)
Suzanne Graham
1179A King Street West Suite 300 Toronto, ON M5A 4J6
Phone:416-203-7677 Fax:416-203-7679
E-mail: sgraham@rsarchitects.ca, http://www.rsarchitects.ca
Internet Addr : sgraham@rsarchitects.ca Internet Addr : http://www.rsarchitects.ca Company Name : Robertson Simmons Architects Inc. (former RHL) Email ID
Civil Engineer: Pearson McCuaig Engineering Ltd
Gary Pearson, Principal
48 Alliance Blvd Unit B7 Barrie, ON L4M 5K3
Phone:705-719-4785 Fax:705-719-4786
http://www.pearsonmccuaig.com
Electrical Engineer: DEI & Associates Inc
Kevin Ward
40 Durward Place WATERLOO, ON N2L 4E4
Phone:519-725-3555 Fax:519-725-2515
E-mail: dei@deiasociates.ca Email ID : dei@deiasociates.ca
General Contractor: Percon Construction Inc
Brody Carrick, Project Manager
20 Airview Road TORONTO, ON M9W 4P2
Phone:416-744-9967 Ext:226 Fax:416-744-8863
E-mail: brody@perconconstruction.com, http://www.perconconstruction.com
Email ID : brody@perconconstruction.com
Internet Addr : http://www.perconconstruction.com
Landscape Architect: Fleisher Ridout Partnership Inc
Bradley Fleisher, Landscape Architect
1 Atlantic Avenue Suite 207 Toronto, ON M6K 3E7
Phone:416-533-4990
E-mail: fleisher@frpinc.ca, http://www.frpinc.ca/
Mechanical Engineer: DEI & Associates Inc
Joe Bryson
40 Durward Place WATERLOO, ON N2L 4E4

Dodge upcoming project reports

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Phone:519-725-3555 Fax:519-725-2515
E-mail: dei@deiassociates.ca Email ID : dei@deiassociates.ca
Owner (Public): Simcoe Muskoka Catholic District School Board
Darlene Charlebois, Capital Projects
46 Alliance Blvd BARRIE, ON L4M 5K3
Phone:705-722-3555 Ext:260 Fax:705-722-6534
E-mail: communicate@smcdsb.on.ca, http://www.smcdsb.on.ca
Painting: J M Painting & Decorating
Johh Meher, Principle
42 Nicholson Cr BARRIE, ON N4L 8N7
Phone:705-721-8258
E-mail: jmpainting2@sympatico.ca, http://www.jmpainting.ca/
Structural Engineer: Stephenson Engineering Ltd
Mr.Joseph Gaskia
2550 VICTORIA PARK SUITE 602 Toronto, ON M2J 5A9
Phone:416-635-9970 Fax:416-635-9985
E-mail: jgaskia@stephenson, http://www.stephenson-eng.com/
Company Name : Stephenson Engineering Ltd
Email ID : jgaskia@stephenson Internet Addr : http://www.stephenson-eng.com/
Notes: CRCN07 - A mandatory pre-bid site meeting for all pre-qualified general contract bidders February 4 at 2:30 PM (EST) at 105 Colborne street - Bradford, West Gwillimbury, Ontario
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
Plans available from: Owner (Public)
Structural Details
*Structural information: *1 Building/ *2 Stories above grade /
Additional features: St. Marie of the Incarnation Addition & Renovation

Crack Sealing Program 201509
NIAGARA FALLS, ON CAN
ON(NIAGARA)
201500615968 v3
Action stage: Bid Results
Bid date: 09/08/2015 @ 01:45 PM EDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 11/01/2015
Owner type: Local Government
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 08/27/2015
Prior publish date: 09/03/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Award expected in 30-60 days - Bid September 8
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: City of Niagara Falls

Dave Butyniec, Manager Supply Serv
3200 Stanley Ave. NIAGARA FALLS, ON L2E 6X5
Phone:905-356-7521 Fax:905-356-9083
E-mail: dbutyniec@niagarafalls.ca, http://www.city.niagarafalls.on.ca
Company Name : City of Niagara Falls Email ID : dbutyniec@niagarafalls.ca Internet Addr : http://www.city.niagarafalls.on.ca
Owner (Public): City of Niagara Falls
Dave Butyniec, Manager Supply Serv
3200 Stanley Ave. NIAGARA FALLS, ON L2E 6X5
Phone:905-356-7521 Fax:905-356-9083
E-mail: dbutyniec@niagarafalls.ca, http://www.city.niagarafalls.on.ca
Company Name : City of Niagara Falls Email ID : dbutyniec@niagarafalls.ca Internet Addr : http://www.city.niagarafalls.on.ca
Notes: DEWB86
Plans available from: Owner (Public)
Additional features: Crack Sealing Program

QUÉBEC

Pierre E. Trudeau Airport Multi-storied Parking Rhab PR301233
(A) Devis de Structure
(B) Devis Technique
800 Place Leigh Capreol
DORVAL, QC H4Y 0A5 CAN
QC(ABITIBI-OUEST)
201400588484 v14
Action stage: Bid Results
Bid date: 08/12/2014 @ 03:00 PM EDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 09/01/2014
Owner type: Private
Project Overview
Project type: Airline Terminal. Parking Garage.
Report type: Project
Sub project count: 2
First publish date: 07/21/2014
Prior publish date: 06/26/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC Bids in and under review - Further action pending owner's decision to proceed - Bid August 12
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Private)
Architect: Nicolet Chartrand Knoll -NCK- Alain Deom, Ingenieur
1200 avenue McGill College Bureau 1200 Montreal, QC H3B 4G7
Phone:514-878-3021
E-mail: deom@nck.ca, http://www.nck.ca
Consultant: MERX
Customer Support
38 Antares Drive Ottawa, ON K2E 7V2
Phone:613-727-4900 Fax:888-235-5800
E-mail: merx@merx.com, http://www.merx.com
Bidders must be registered with MERX to

order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
Owner (Private): Aeroport de Montreal-Pierre Elliott Trudeau
Philippe Lacombe, Administration
800 place Leigh-Capreol Montreal, QC H4Y 0A5
Phone:514-633-4620
E-mail: philippe.lacombe@admtl.com, http://www.admtl.com/Affaires/Fournisseurs/AppelsO
Email ID : philippe.lacombe@admtl.com
Owner's Agent (Private): Aeroport de Montreal-Pierre Elliott Trudeau
Paula P Fernandes, Administration
800 place Leigh-Capreol Montreal, QC H4Y 0A5
Phone:514-633-2998
E-mail: paula.fernandes@admtl.com, http://www.admtl.com/Affaires/Fournisseurs/AppelsO
Notes: DEWB73 Mandatory site visit July 22 at 9:30 AM (EDT) in room TransCanada - 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 - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Bonds: 10% Bid Bond.
Plans available from: Consultant
Additional features: Rehabilitation of multi-storied parking and pedestrian route to the terminal / parking garage and P5 International Airport Pierre-Elliott-Trudeau of Montreal

Montreal Garrison Condensate Pipes Replacement 298568
6769 Notre-Dame Street, Building 220 MONTREAL, QC H1N 3R9 CAN
QC(COMMUNAUTE-URBAINE-DE-MONTREAL)
201400553207 v13
Action stage: Bid Results
Bid date: 07/03/2014 @ 02:00 PM EDT
Valuation: \$545,000
Project delivery system: Design-Bid-Build
Target start date: 12/01/2014
Owner type: Military
Project Overview
Project type: Heating/Cooling Plant.
Report type: Project
Sub project count: 0
First publish date: 06/12/2014
Prior publish date: 06/30/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Contract Award not yet declared - Further action pending owner's decision to proceed - Bid July 3
Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)

Architect: SNC-Lavalin
5500 boul des Galeries Bureau 200 Quebec, QC G2K 2E2
Phone:418-621-5500 Fax:418-621-0117
http://www.snclavalin.com
Consultant: MERX
Customer Support
38 Antares Drive Ottawa, ON K2E 7V2
Phone:613-727-4900 Fax:888-235-5800
E-mail: merx@merx.com, http://www.merx.com
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
Owner (Public): Defence Construction Canada
Jonathan Duclos, Administration
5199 Sherbrook Street-East Olympique Village-Pyramide W Montreal, QC HIT 3X2
Phone:514-496-6974 Fax:514-283-8347
E-mail: Jonathan.Duclos@dcc-cdc.gc.ca
Email ID : Jonathan.Duclos@dcc-cdc.gc.ca
Owner's Agent (Public): Defence Construction Canada
Quebec Regional Office
2030, Pie IX Boulevard Quebec Regional Office-# 224 Montreal, QC H1V 2C8
Company Name : Defence Construction Canada
Notes: DEWB73 Site visit on June 17 at 10:00 AM (EDT) at Montreal Garrison, 6769, Notre-Dame Street, Building 220, Montreal, (QC) H1N 3R9 - DEFENCE CONSTRUCTION CANADA (DCC) ? #ML39959 - Please note that the tender results for this project are available from the Bid Opening Office at 514-283-8071
Plans available from: Consultant
Additional features: Replacement of condensate pipes and insulation on steam and condensate pipes, Montreal Garrison, (QC)The work includes, but is not necessarily limited to, the supply of labour, material, supervision and equipment necessary for the replacement of condensate pipes and insulation on the steam and condensate pipes as well as related work on the thermal system

Montreal -Trudeau Airport Lot 32 - Expansion PR288614
975 boul. Romeo-Vachon N
DORVAL, QC H4Y 1H1 CAN
QC(COMMUNAUTE-URBAINE-DE-L'OUTAOUAIS)
201400434005 v14
Action stage: Bid Results
Bid date: 03/13/2014 @ 03:00 PM EST
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 11/01/2014
Owner type: Private
Project Overview
Project type: Airline Terminal.
Report type: Project
Sub project count: 0
First publish date: 02/13/2014
Prior publish date: 06/26/2015
Publisher: Dodge Data & Analytics

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Type of Work: Alterations
 Status: Bid result not yet declared - Further action pending owner's decision to proceed - Bid March 13
 Status project delivery system: Design-Bid-Build
 Publish date: 09/15/2015
 Key Contacts and Bid Documents
 Submit bids to: Owner (Private)
 Architect: Groupe IBI - CHBA - Cardinal, Hardy,Beinhaker senc
 100 rue Peel 4ieme etage Montreal, QC H3C 0L8
 Phone:514-316-1010
 E-mail: cha@cardinal-hardy.ca,
<http://www.cardinal-hardy.ca/>
 Consultant: MERX
 Customer Support
 38 Antares Drive Ottawa, ON K2E 7V2
 Phone:613-727-4900 Fax:888-235-5800
 E-mail: merx@merx.com,
<http://www.merx.com>
 Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
 Electrical Engineer: Pageau, Morel et Associes inc.
 Reception
 210 boul. Cremazie Ouest bureau 110 Montreal, QC H2H 2L5
 Phone:514-382-5150 Fax:514-384-9872
 E-mail: pmamti@pageaumorel.com,
<http://www.pageaumorel.com>
 Mechanical Engineer: BPR Groupe-Conseil
 Reception
 4655 boul Wilfrid-Hamel Quebec, QC G1P 2J7
 Phone:418-871-8151 Fax:418-871-9625
 E-mail: info@groupe-bpr.com,
<http://www.groupe-bpr.com/fr/index.aspx>
 Owner (Private): Aeroport de Montreal-Pierre Elliott Trudeau
 Philippe Lacombe, Administration
 800 place Leigh-Capreol Montreal, QC H4Y 0A5
 Phone:514-633-4620
 E-mail: philippe.lacombe@admtl.com,
<http://www.admtl.com/Affaires/Fournisseurs/AppelsO>
 Email ID : philippe.lacombe@admtl.com
 Structural Engineer: SNC-Lavalin Inc.
 455 Rene-Levesque Blvd. West Montreal, QC H2Z 1Z3
 Phone:514-393-1000 Fax:514-393-9540
 E-mail: info@snclavalin.com,
<http://www.snclavalin.com/>
 Notes: DEWB73 Mandatory Pre -bid Meeting February 17 at 1:30 PM (EST) - A PIN number generated by MERX is required in order to submit your bid electronically. This PIN must be requested by the person with the authority to bind your organization
<https://www.merx.com> - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
 Bonds: 10% Bid Bond. 50% Performance

Bond. 50% Payment Bond.
 Plans available from: Consultant
 Addenda film date: 03/07/2014
 Addenda receive date: AR/-2/07-M
 Additional features: Regulation - Lot 32 - Expansion of the international pier at the Montreal -Trudeau Airport
 RPR Hydro Office
 600 Rue Saint Louis
 SAINT-JEAN-SUR-RICHELIEU, QC J3B 8X6 CAN
 QC(LE HAUT-RICHELIEU)
 201400649548 v11
 Action stage: Bid Results
 Bid date: 10/02/2014 @ 02:00 PM EDT
 Valuation: H (1M to <3M)
 Project delivery system: Design-Bid-Build
 Target start date: 11/01/2014
 Owner type: Private
 Project Overview
 Project type: Office.
 Report type: Project
 Sub project count: 0
 First publish date: 09/23/2014
 Prior publish date: 06/26/2015
 Publisher: Dodge Data & Analytics
 Type of Work: Additions, Interiors
 Status: Bids (or proposals) in and under review - Further action pending Owner's decision to proceed - Bids to Architect by October 2
 Status project delivery system: Design-Bid-Build
 Publish date: 09/15/2015
 Key Contacts and Bid Documents
 Submit bids to: Architect
 Architect: SophieTetreault Architectes
 Sophie Tetreault, Architecte
 182 Richelieu St Jean Richelieu, QC J3B 6X4
 Phone:450-347-3916 Fax:514-347-6112
 E-mail: btarch@bellnet.ca
 Civil Engineer: Genexco
 1400 Chemin du Fer a cheva suites 101 et 102 SAINTE JULIE, QC J3E 0C5
 Phone:514-316-3443
 E-mail: info@genexco.ca, <http://www.genexco.ca/>
 Email ID : info@genexco.ca Internet Addr : <http://www.genexco.ca/>
 Electrical Engineer: El Mec Consultants Inc.
 360 avenue Victoria bureau 302 Westmount, QC H3Z 2N4
 Phone:450-585-8414 Fax:450-585-3271
 Mechanical Engineer: El Mec Consultants Inc.
 360 avenue Victoria bureau 302 Westmount, QC H3Z 2N4
 Phone:450-585-8414 Fax:450-585-3271
 Owner (Private): RPR Hydro
 M. Charles Prevost, Administration
 600 St-Louis SAINT-JEAN-SUR-RICHELIEU, QC J3B 8X6
 Phone:450-359-4116 Ext:209 Fax:450-359-0158
 E-mail: info@rprhydro.com,
<http://www.rprhydro.com/>
 Internet Addr : <http://www.rprhydro.com/>

Structural Engineer: AP Consultant
 40 rue Genevieve ST-JEAN-SUR-RICHELIEU, QC J2W 1J5
 Phone:450-895-3635 Fax:450-895-3665
 Notes: DEWB73 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
 Structural Details
 Structural information: 1 Building/ 2 Stories above grade // Building Frame: Structural Steel
 Additional features: addition - concrete foundation - steel frame construction - mechanical - electrical - HVAC - plumbing
 Membrane Dome 9F027140107A
 Site not specified
 MONTREAL, QC CAN
 QC(COMMUNAUTE-URBAINE-DE-MONTREAL)
 201400589767 v11
 Action stage: Bid Results
 Bid date: 08/05/2014 @ 02:00 PM EDT
 Valuation: F (500K to <750K)
 Project delivery system: Design-Bid-Build
 Target start date: 09/01/2014
 Owner type: Federal
 Project Overview
 Project type: Warehouse.
 Report type: Project
 Sub project count: 0
 First publish date: 07/22/2014
 Prior publish date: 06/30/2015
 Publisher: Dodge Data & Analytics
 Type of Work: New Project
 Status: Bids in and Under review - Further action pending on Owner decision to proceed - Bid August 5
 Status project delivery system: Design-Bid-Build
 Publish date: 09/15/2015
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Architect: Public Works and Government Services Canada
 Fabiola Lahens
 Place Bonaventure-Portail SE 800 rue de la Gauchetiere-West MONTREAL, QC H5A 1L6
 Phone:514-496-3864
 E-mail: fabiola.lahens@tpsgc-pwgsc.gc.ca
 Company Name : Public Works and Government Services Canada Email ID : fabiola.lahens@tpsgc-pwgsc.gc.ca
 Owner (Public): Public Works and Government Services Canada
 Fabiola Lahens
 Place Bonaventure-Portail SE 800 rue de la Gauchetiere-West MONTREAL, QC H5A 1L6
 Phone:514-496-3864
 E-mail: fabiola.lahens@tpsgc-pwgsc.gc.ca
 Company Name : Public Works and Government Services Canada Email ID : fabiola.la-

hens@tpsgc-pwgsc.gc.ca
 Notes: DEWB73
 Plans available from: Owner (Public)
 Structural Details
 Structural information: 1 Building/
 Additional features: This statement of work describes the requirements for the turnkey provision and installation of an oval diaphragm dome with dimensions of 35' width x 40' length x 17' height at the centre. This dome will serve as a warehouse for various items of equipment.1

SASKATCHEWAN

RFP/AE: Indian Teacher Education Program (Reno) UOFSRFP15-3044
 *28 Campus Drive
 SASKATOON, SK * S7N 0X1 CAN
 SK(DIVISION 11)
 201500627257 v2
 Action stage: Negotiating, Request for Proposals
 Bid date: 09/25/2015 @ 02:00 PM CST
 Valuation: \$3,000,000
 Project delivery system: Design-Bid-Build
 Target start date: 05/01/2016
 Owner type: State
 Special conditions: LEED Intended Gold
 Project Overview
 Project type: College/University.
 Report type: Project
 Sub project count: 0
 First publish date: 09/11/2015
 Prior publish date: 09/11/2015
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Owner requests Proposals from Architectural and Engineering services by September 25 at 2:00 PM (CST)
 Special conditions: LEED Intended Gold
 Status project delivery system: Design-Bid-Build
 Publish date: 09/15/2015
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Owner (Public): University of Saskatchewan - Purchasing Services
 Darcy Friesen, Procurement
 E150 - 105 Administration Pl. SASKATOON, SK S7N 5A2
 Phone:306-966-2252 Fax:306-966-8342
 E-mail: darcy.friesen@usask.ca,
http://www.usask.ca/fsd/departments_contacts/depar
 Email ID : darcy.friesen@usask.ca Internet Addr : http://www.usask.ca/fsd/departments_contacts/depar
 Project Manager: University of Saskatchewan - Purchasing Services
 Colin Hartl, Campus Planner
 E150 - 105 Administration Pl. SASKATOON, SK S7N 5A2
 Phone:306-966-4080 Fax:306-966-8342
 E-mail: colin.hartl@usask.ca,
http://www.usask.ca/fsd/departments_contacts/depar

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Email ID : colin.hartl@usask.ca Internet Addr : http://www.usask.ca/fsd/departments_contacts/depar

Notes: CRCN02 - A Mandatory pre-proposal meeting and site tour will be held on September 15, 2015 at 2:00 P.M. local Saskatchewan time. Proponents are requested to gather next to the Campus Daycare doors, located on the east side of the Education building (28 Campus Drive), Saskatoon SK

*Plans available from: *Owner (Public)
Additional features: rchitectural and Engineering Services for Stage I of the Indian Teacher Education ITEP Renovations Project - Functional and aesthetic aspects of the existing ITEP space as well as the expansion of the ITEP space into underutilized area of the third floor .

Swift Current I-Plex Phase One Renovations CSC15R006

200 Chaplin St E
SWIFT CURRENT, SK S9H 5A8 CAN
SK(DIVISION 08)
201500561926 v6

Action stage: Start
Bid date: 07/09/2015 @ 02:00 PM CST
Valuation: \$500,000

Project delivery system: Design-Bid-Build
Target start date: 08/01/2015

Owner type: Local Government
Project Overview
Project type: Indoor Arena.

Report type: Project
Sub project count: 0
First publish date: 06/23/2015

Prior publish date: 08/25/2015
Publisher: Dodge Data & Analytics

Type of Work: Alterations
Status: GC selected - Construction possible within 30 to 60 days - Bid July 9

Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015

Key Contacts and Bid Documents
Submit bids to: Architect
Architect: P3 Architecture
Wyatt Eckert, Architect

2292 Dewdney Ave REGINA, SK S4R 1H3
Phone:306-757-1669 Fax:306-352-0004
E-mail: weckert@p3arch.com,
<http://www.p3arch.com>

Email ID : weckert@p3arch.com Internet Addr : <http://www.p3arch.com>
Electrical Engineer: Alfa Engineering
2909 Saskatchewan Dr. Regina, SK S4T 1H4
Phone:306-352-7989 Fax:306-359-1808
E-mail: alfa@alfaengltd.com, <http://www.alfaengltd.com/>

General Contractor: Frontier Builders
Danny Markovinoich, General Manager
37 5th Avenue NW Swift Current, SK S9H 4T4

Phone:306-773-2974 Fax:306-773-4045
E-mail: danny.markovinoich@sasktel.net,
<http://leevilleconstruction.com>

Mechanical Engineer: HDA Engineering
1580 Angus Street Regina, SK S4T 1Z1

Phone:306-525-9815 Fax:306-525-6369
E-mail: hda@hdaeng.com, <http://hdaeng.com/>
Owner (Public): City of Swift Current
Jerry Hildebrandt, Purchasing Manager
177 - 1st Avenue NE P.O. Box 340 Swift Current, SK S9H 3W1

Phone:306-778-2713 Fax:306-773-9386
E-mail: j.hildebrandt@swiftcurrent.ca,
<http://www.city.swift-current.sk.ca/>
Structural Engineer: JC Kenyon Engineering
J.C Kenyon, Principal

2424 College Avenue REGINA, SK S4P 1C8
Phone:306-585-6126 Fax:306-585-6156
E-mail: mailadmin@jckenyon.com,
<http://www.jckenyon.com/>

Notes: CRCN03
Plans available from: Architect
Additional features: selective demolition-590sm renovation - new kitchen and new elevator to the Swift Current I-Plex

2014 Sanitary Trunk Sewer Improvement 000124

MOOSE JAW, SK CAN
SK(DIVISION 10)
201400659184 v11

Action stage: Bid Results
Bid date: 10/27/2014 @ 02:00 PM CST
Valuation: G (750K to <1M)

Project delivery system: Design-Bid-Build
Target start date: 11/01/2014
Owner type: Local Government

Project Overview
Project type: Sanitary Sewer.
Report type: Project
Sub project count: 0

First publish date: 10/01/2014
Prior publish date: 07/31/2015
Publisher: Dodge Data & Analytics

Type of Work: Alterations
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids October 27

Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents

Submit bids to: Owner (Public)
Engineer: City of Moose Jaw
Sandy Campbell, Project Manager
228 Main Street North MOOSE JAW, SK S6H 3J8

Phone:306-694-4436 Fax:306-694-4480
E-mail: scampbell@moosejaw.ca,
<http://www.moosejaw.ca/>

Email ID : Scampbell@city.moose-jaw.sk.ca
Owner (Public): City of Moose Jaw
Sandy Campbell, Project Manager
228 Main Street North MOOSE JAW, SK S6H 3J8

Phone:306-694-4436 Fax:306-694-4480
E-mail: scampbell@moosejaw.ca,
<http://www.moosejaw.ca/>

Email ID : Scampbell@city.moose-jaw.sk.ca
Notes: DEWB30 - The list of Prospective bidders is not available from regular sources - If you are GC bidding on this project please call 1-888-836-6623

Plans available from: Owner (Public)
Additional features: The City of Moose Jaw intends to rehabilitate partially and fully deteriorated segments of existing sanitary trunk sewer through necessary cleaning and installation of resin-impregnated flexible liner. When resin is cured, the finished Cured-in-Place Pipe (CIPP) will be continuous and tight fitting

2014 Sanitary Trunk Sewer Improvement 309567

4 Locations
MOOSE JAW, SK CAN
SK(DIVISION 07)
201400676379 v10

Action stage: Bid Results
Bid date: 10/27/2014 @ 02:00 PM CST
Valuation: G (750K to <1M)

Project delivery system: Design-Bid-Build
Target start date: 11/01/2014
Owner type: Local Government

Project Overview
Project type: Sanitary Sewer.
Report type: Project
Sub project count: 0

First publish date: 10/20/2014
Prior publish date: 07/31/2015
Publisher: Dodge Data & Analytics

Type of Work: Alterations
Status: Bids in and under review - Award expected in 30-60 days - Bid October 27

Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015
Key Contacts and Bid Documents

Submit bids to: Owner (Public)
Consultant: MERX
Customer Support
38 Antares Drive Ottawa, ON K2E 7V2
Phone:613-727-4900 Fax:888-235-5800

E-mail: merx@merx.com,
<http://www.merx.com>
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.

Engineer: City of Moose Jaw
Engineering Department, Engineering Dept.
228 Main Street North, 3rd Fl. MOOSE JAW, SK S6H 3J8
Phone:306-694-4448 Fax:306-691-0292

<http://www.moosejaw.ca/>
Owner (Public): City of Moose Jaw
Engineering Department, Engineering Dept.
228 Main Street North, 3rd Fl. MOOSE JAW, SK S6H 3J8
Phone:306-694-4448 Fax:306-691-0292

<http://www.moosejaw.ca/>
Notes: DEWB30 The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623

Plans available from: Consultant
Additional features: The location and details of Four (4) Projects related to rehabilitation of existingsanitary trunk main sections are listed below and are ranked in order of their prior-

ity.Please see map attached for site and pipe location.

Valley Road Relocation RM183-2015-01
STOCKHOLM, SK CAN
SK(DIVISION 06)
201500603625 v3

Action stage: Bid Results
Bid date: 08/25/2015 @ 10:00 AM CST
Valuation: F (500K to <750K)

Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Paving. Site Development. Storm Sewer.

Report type: Project
Sub project count: 0
First publish date: 08/12/2015

Prior publish date: 08/21/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations

Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids August 25

Status project delivery system: Design-Bid-Build
Publish date: 09/15/2015

Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: R M of Fertile Belt No 183
Box 190 STOCKHOLM, SK S0A 3Y0
Phone:306-793-2061

Owner (Public): R M of Fertile Belt No 183
Box 190 STOCKHOLM, SK S0A 3Y0
Phone:306-793-2061

Notes: DEWB82
Plans available from: Owner (Public)
Additional features: The work will include the relocation of approximately 2.1 kilometers of road. The rehabilitation work will include topsoil stripping, removal of trees and hedges, removal of fencing, construction of new road embankment, culvert installation, placement of traffic gravel, replacement of topsoil and replacement of fencing

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