

Canadian

Design & Construction

VOLUME 6, ISSUE 2, JUNE-JULY 2015

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.

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

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Chicago Construction News

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The Construction Marketing Ideas blog and website

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

Editor's viewpoint



I first learned of Passive House sustainability concepts when Sonia Zouari, an architect with CSV Architects in Ottawa, suggested the Construction Specifications Canada (CSC) Ottawa Chapter invite Gunter Lang from Austria last fall to give a presentation as part of a Passive House program. My initial reaction: What is this, and would it be wise to risk several thousand dollars of a non-profit association's funds on the project? (I was then the CSC Ottawa chapter chair.)

Without much time to respond, I suggested, if we could arrange a modest "kill fee" to reduce our losses if we couldn't sell enough tickets, we could take the risk, and gave the go-ahead.

The failure risk turned out to be unfounded. The CSC chapter sold out the event – and a related Connections Cafe earlier this year. The Passive House concept, indeed, has started capturing the industry's attention as the North American building market catches up with European initiatives – and in this issue, we report on some interesting progress in B.C.

Meanwhile, the CSC relationships brought me to Winnipeg in May for the association's national conference, where I learned about the city's port-building initiative. Another double-take – how can there be a port in Winnipeg? – but indeed the project is quite real, and truly substantial.

There are other worthy stories and features in this issue, including British consultant Ian Denny's look at how to truly apply word-of-mouth marketing concepts, along with reports on pre-cast/prestressed concrete, modular and offsite construction, the Canadian (and Alberta) painting industry associations, and Ontario General Contractors Association (OGCA)'s Ontario Builder Awards, among others.

As always, I welcome your comments and suggestions for future issues. You can reach me at buckshon@cadcr.com.

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CENTREPORT CANADA – WINNIPEG

Canada's only Free Trade Zone (FTZ) creates intermodal rail port for central Canada



Centreport Canada Inc. CEO Diane Gray

Canadian Design and Construction Report staff writer

You might, at first thought, do a double take when someone tells you that Winnipeg is building a massive port.

After all, while the central Canadian city has four rivers, the Red, Assiniboine, La Salle and Seine, most observers would not credit these waterways as major trade or shipping channels.

However, Diane Gray, president and chief executive officer of Centreport Canada Inc., says Winnipeg has excellent rail links – it is the only major city in Canada with three major interconnecting lines – as well as a solid airport without excessive congestion or access restrictions. The rail lines link Winnipeg to east, west, and US gulf ports, as well as Churchill, Manitoba.

Could all of these elements be connected with new road/highway connections, bonded warehouses, and services infrastructure to create a land port?

Centreport has taken shape as a result and early indications are the project is succeeding.

The new (and currently Canada's only) Foreign Trade Zone (FTZ) and tri-modal inland port "gives a bottom line advantage to rail-intensive businesses – as much as \$10 per tonne" in shipping costs. "You are saving tens of thousands of dollar for every train shipping," she told a gathering at the Construction Specifications Canada (CSC) conference in Winnipeg.

The inland port, sitting on 20,000 dedicated acres, partially within Winnipeg's urban boundaries and partially outside, has special zoning and land-use restrictions to ensure its transportation and business efficiency.

"Developers have a good sense of when the infrastructure is going in," she said. "We have a form-based zoning bylaw. They (developers) know what are allowed uses. We are eliminating conditional uses or variances."

"You need to develop according to the rules . . . if you follow the rules, you are in."

Since the project started in 2008 – 09 with special Manitoba legislation, it has attracted 39 new companies and more than 200 acres of new development, Gray said. Planners anticipate an additional 71 companies will set up shop in the FTZ over the next five years, and about 500 acres of industrial absorption within the next decade.

Design is under way on a rail park, integrating rail lines and manufacturing/warehouse facilities to reduce shipping costs and facilitate assembly based on materials arriving from different locations.

As well, infrastructure has been constructed or will be soon to ensure the overall project can absorb the increased business activity. "Under construction is a \$45 million water treatment facility," Gray said. The \$212.4 million CentrePort Canada Way, "the single largest construction project in Manitoba's history," has connected the FTZ to the highway system.

Different developers can acquire and build within the zoned areas, encouraging competition and market-based decision-making, and this will be especially important once the rail park has been completed.

“Ten different developers own or have options on quarter sections of land,” she said. “The choice is good for shippers and business.” If you are considering Centreport, you won't be directed to a specific site “and you can also negotiate your price – there are flexible rate options.”

She said although the original concept was for the project to be purely for transportation and business, Centreport realized that there are advantages to including a residential component so workers won't need to travel great distances, and this area – adjacent to existing Winnipeg residential communities – would also accommodate relevant local retail services and a “multi-use secondary education training facility.”

Another area, adjacent to Winnipeg's airport, will facilitate air cargo shipments.

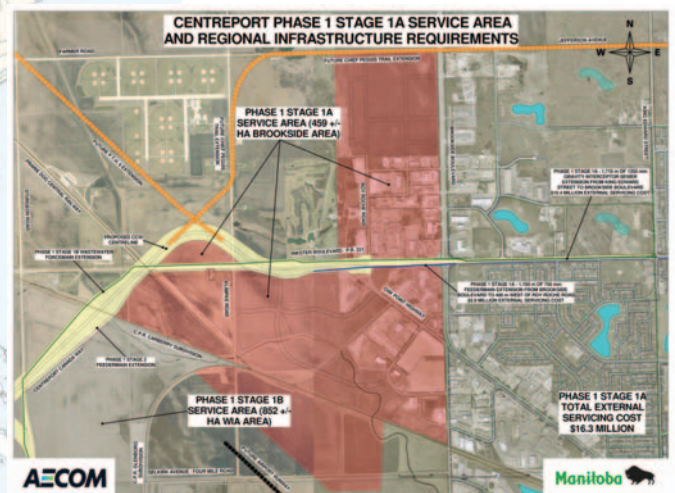
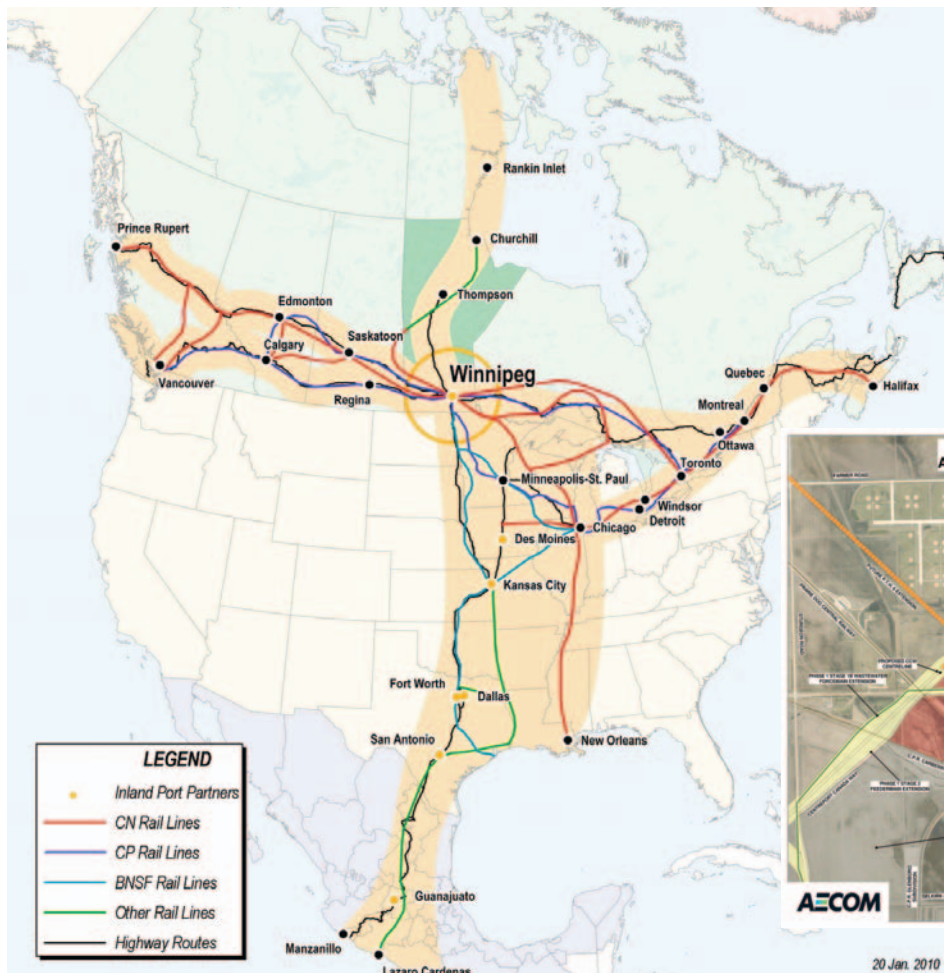


CentrePort has been designed with sustainability in mind, she said, but without excessive regulation. “You could put up a LEED building at any level, if not, there are other options to

achieve the sustainability threshold.” Overall, the project offers intriguing opportunities for developers, along with contractors and others servicing the building/infrastructure industry.

“CentrePort Canada offers businesses a selection of high-quality industrial land and space for sale or lease,” the FTZ's website says. “Currently there are more than 2,400 acres of land ready for new development and more than 530,000 sq. ft. of industrial space available in existing warehouse facilities.”

For more information, see www.centreport.canada.



20 Jan. 2010

Word of Mouth in construction

Ignore it at your peril



*By Ian Denny
Special to the Canadian Design and Construction Report*

That may seem like a dramatic introduction, intended to urge you into some sort of action. And quite frankly it is, because most of us are guilty of ignoring word of mouth.

You see I did too. I had always known word of mouth was important to my business. In fact, one day I went through a year's invoicing, casually noting the origin of each piece of work.

It surprised me how much had come from word of mouth. But like you probably do, at the time I shrugged my shoulders and simply wished for more of it, not believing you could do anything about it.

After all, word of mouth just happens. Or not. Surely you can do nothing about it anyway?

Then one day, I owed a friend a favour. Her company had done a great job for me, and as she was also a friend, I thought I should tell my clients and recommend her services.

So I wrote an email outlining exactly what she did and how it had really impressed me. I casually mentioned that I was meeting her for a coffee in a few days, and if they'd like to meet her to discuss, I could pass on their number and ask her to call.

I sent that to 65 clients. I thought maybe one or two would respond. But 28 responded asking me to pass on her number.

Interestingly, she fed back that she had tried to meet

several of the same people. I was puzzled. Why? So I looked at her brochure. It said pretty much the same things I had said in my email.

Removing the bias had strengthened the message. People say wonderful things about themselves: In their brochures; their tenders; their case studies; on their websites etc.

But when a real client says pretty much the same thing, the message becomes compelling rather than viewed with healthy skepticism and suspicion.

The facts about word of mouth you can't ignore

Nielsen, in their 2013 'Global Trust In Advertising' survey, polled 29,000 people from 58 countries. Out on its own, with 84 per cent, was word of mouth as the number one trusted influence on their purchasing.

Interestingly, in second place with 70 per cent, was online product reviews which is another form of word of mouth. All the usual suspects like magazine advertising, social media, TV etc were much further down the list.

So if word of mouth is by far the biggest influence, why do we shrug our shoulders, invest fortunes on inferior and less trusted forms of advertising and marketing, and leave it all to blind faith?

In fact if you fire up your accounts application, look at the "marketing" cost centre reports, how much did you spend on word of mouth compared to everything else in that category last year?

I would bet your spending is rather skewed against the most trusted form of advertising.

Word of mouth is gaining credence fast as a separate discipline in its own right. And yes, you can engage an expert to accelerate it, but the good news is that there are a number of things you can do yourself.

Your social proof – Case studies

If you read my earlier example, you will spot that pretty much the same thing, spoken from a different perspective changes the results – dramatically.

That's what I noticed in UK construction. Case studies, which are the equivalent of bottled word of mouth if done right, are nearly always produced from completely the wrong perspective.

To make the point, I Googled contractors in my home town. For the number one result, I clicked on their case studies. Names changed to protect the innocent (or rather guilty!), but here's what I found:

Acme were appointed main contractor within this large scale manufacturing facility...

And:

Acme Construction was appointed to project manage the removal of 1960's vehicle loading tables and replace with...

Because pretty much everyone does the same thing – write from their own perspective, the peril in the title of this article applies to your competitors who are NOT reading this.

The peril may apply to you too if you don't act and change the perspective.

That's because you can very easily stand out from the rest by simply interviewing your client and asking them about what you did and how well you did it.

It becomes instantly engaging.

Let's try those openings again, this time quoting the client we interviewed, so note the quotation marks and how different it sounds:

"I was delighted we appointed Acme as our main contractor for this large scale manufacturing facility..."

And:

"Acme Construction did a fantastic job of project managing the removal of 1960's vehicle loading tables and replacing them with..."

Turn it into a story – The battle between logic and emotion

For some reason, many in business think we leave the home as a human, and when we arrive at our place of work we suddenly become a Vulcan.

Especially when it comes to a 'big decision' involving, for example, our choice of sub-contractors for a large construction project.

This is where it's useful to consider Star Trek and in particular the main character Spock.

Why did we relate to Spock over the last 50 or so years? Even those who didn't follow Star Trek knew the story – he was wrestling in a constant battle between logic and emotion. But was it really a Vulcan problem?

Or did we all relate to it because as humans we go through the same? The point here is that we like to think logic is at the centre of every business decision.

But when people are wired up to monitor their brain activity before being presented with an advertising message, the synapses in the part of the brain dealing with emotion fire off first. Logic kicks in too, but afterwards.

So let's combine both together. Produce our case studies through the eyes and words of our clients. And make it a story with a touch of emotion as well as business logic.

US psychologist tells us which emotions to focus on

Abraham Maslow was a U.S. psychologist studying human motivations. So if you want to fire those positive emotional synapses in your case studies, let's look at the areas his 1943 paper on the topic reveals as central.

We are programmed first to survive; then seek shelter; belong to a group of people; be respected by others; and have our self-esteem validated.

For example, by choosing you, did your client receive praise from their colleagues and management? That triggers the respect and self-esteem emotion.

And when your potential client reads a case study featuring somebody like them receiving respect and added self-esteem, guess what? Yes, they want it too.

They want to belong to a group of successful people, and you are part of their solution to achieve it.

"I got a huge pat on the back for a job well done from our financial director..."

You can do this yourself by preparing a list of questions for your client which may prompt a quote like the above example.

Or, it can sometimes be easier to use an expert word of mouth copywriter (me) to conduct the interview for you.

How to use your case studies to secure more business

Case studies are just one part of a holistic word of mouth marketing plan. But they are central to it.

If your clients were available 24/7 to accompany you to every meeting and tell people how wonderful you are, there wouldn't be a problem.

But you don't want to constantly pester your clients to be a reference point testifying about you.

That's why case studies should become central to your bids.

In your bids, proposals and tenders, you will stand out and certainly win more projects than you did before.

How do I know? Well you don't even need to trust me. Type "commercial contractor Toronto" or your own city into Google.

Visit the first 10 sites of your competitors.

Look at their case studies. How many take the internal, logical perspective? And how many take the client perspective with all of those emotional triggers built-in? How many just use images and don't even give the client perspective?

Be careful

There is an understandably huge temptation to boast about the wonderful job you did and all the technical details of the construction project. And then add a token quote from your client.

Avoid it. Elsewhere in your proposals, bids and tenders you can outline the detail of your expertise. By all means use project photos.

But in your case studies, make it 80 per cent from the clients' perspective using the words they gave you in the interview. Ten per cent should be profiling the client. And maybe 10 per cent about the project you were engaged to execute.

Ian Denny specializes in word of mouth marketing, working with clients globally. The magic of the Internet and Skype means he can boost your word of mouth from his hometown of Liverpool, UK. [Find out more on his website here.](#)



Ian Denny

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CSC Conference in Winnipeg

Specifiers from across Canada gather for education and networking

Canadian Design and Construction Report Staff writer

Several hundred specifications writers, technical representatives, architects and engineers gathered in Winnipeg for the annual Construction Specifications Canada (CSC) conference from May 27 to 31.

The annual event – held in a different Canadian city each year – provides a meeting-point for industry leaders relating to construction documentation and specifications.

Specifiers, although sometimes relegated to second-class status within architectural and engineering practices, have significant responsibility and influence – and this is reflected by building product manufacturers, who exhibit and sponsor the event.

CSC's objectives are:

- To foster the interests of those engaged in or who are affected by the compilation or use of any forms of specifications or related documentation for the construction industry;
- To publish literature pertaining to the construction industry;
- To engage in activities to improve procedures and techniques related to the construction industry.

CSC provides a certification program and recognizes long-term contributions to the specifications community with rewards and other honors.

The convention included networking sessions, a trade show (with a special enhanced Connections Cafe evening), and plenty of social time, as the Winnipeg chapter celebrated its fiftieth anniversary.

There are chapters in most major Canadian cities.

The 2015-2016 CSC National executive includes:

President: Keith Robinson, DIALOG, Edmonton



At the CSC conference, David Watson (left) with Ottawa delegates Tom Dunbar and Mike Thornber.

First vice-president: Peter S. Emmett: WHW Architects Inc., Halifax

Second vice-president: Peter Hiebert, C/S Construction Specialities inc., Calgary

Third vice-president: David Boyle, W.R. Meadows of Canada, Brantford

Fourth vice-president: Paul Gerber, DIALOG, Toronto
Immediate past-president: Mike Garlinski, Ceratec, Winnipeg

Secretary-treasurer: Sandro Ubaldino, NORR Limited Architects and Engineers, Toronto

Registrar: Brian Colgan, WHV Architects Inc., Halifax

Executive director (staff): Nick Franjic, Toronto

For more information, see www.csc-dcc.ca



Steven Ioanniders, CTR



Roger Ali from A/D Fire Protection Systems in Toronto



Dean McDonell



Mike Thornber, Innovative Technology Inc., Ottawa

BRITISH COLUMBIA

Crane climbing incident results in arrests at controversial North Vancouver project



Five people have been arrested after being caught climbing Onni's construction crane on a North Vancouver construction site, a local newspaper has reported.

"Alcohol was involved," Cpl. Geoff Harder, North Vancouver RCMP spokesman told the North Shore News. "All five were arrested and released on promise to appear for a court date in August – for mischief."

Harder said three of the five people arrested were employed as contractors on the worksite, where Onni is converting a former Safeway into a mixed-use development, with condos and a Whole Foods store.

The project had been controversial, originally turned down by North Vancouver council. However, the developers redesigned it, resulting in rezoning approval for two towers with 344 condos, 40,000 sq. ft. of office space, a childcare facility, and a small number of social housing units, as well as the grocery store.

WorkSafeBC has also started its own investigation into the crane-climbing incident, and Onni is co-operating, Harder said.

BC Hydro negotiates labour stability on \$8.8 billion Site C dam project

BC Hydro has agreed to give union labour an edge when it chooses the contractors to build the \$8.8-billion Site C dam, the Globe and Mail has reported. This is a partial retreat from the provincial crown corporation's original "open shop" approach.

The umbrella group representing unionized B.C. buildings trades had earlier threatened to redirect skilled workers to other construction projects, if Hydro failed to agree to a project-wide labour agreement.

BC Hydro has already awarded one contract to a non-union firm for clearing a portion of the dam site. The new deal will give a higher priority to contractors who intend to recruit some of their workers from the building trade unions.

ALBERTA

Housing starts rise despite oil price crash

Despite the oil price crash, Alberta led all provinces with the largest annual increase in investment in new housing construction in March, according to Statistics Canada.

The federal agency recently reported that total investment in the province increased 15 per cent from a year ago to \$937 million.

"Alberta's real estate market is certainly not collapsing the way some exaggerated reports would have you believe," Todd Hirsch, chief economist at ATB Financial, told the Calgary Sun. "In May, home builders began work on 34,102 new residential units. That's up slightly from April, but still down from the average of just over 41,000 per month over the last year. The figures are seasonally adjusted at an annualized rate. In other words, it is the total number of new homes that would be built in a year if the current pace of construction were maintained for 12 months."

The seasonally adjusted annualized

rate (SAAR) of construction in Calgary, based on activity in May, was 12,504 new homes, up from 8,929 in April, while the six-month trend was 11,991 units, down from April, says CMHC market analyst Richard Cho.

Edmonton Arena spurring billion dollar development

Edmonton's Arena District has become the fastest growing centre of its type in North America – a development project worth more than \$1.67 billion, according to an Edmonton Journal report.



"The Katz Group spent \$100 million buying land and designing the arena district," the newspaper quoted executive vice-president Bob Black as saying.

"With its partners, WAM, the Katz Group is building a \$300-plus million 27-storey office tower and a \$500 million 60-plus storey office and condo tower," the report said. "The partnership is also building a \$75 million Katz Group headquarters and casino next to the arena, a \$150 million four-level below grade parkade and at-grade plaza, a \$350 million hotel and condo tower and this new \$200 million 50-odd storey condo tower."

SASKATCHEWAN

Bird Construction consortium wins contract to build 18 schools

Bird Construction Inc. has announced that it is part of a consortium selected as the preferred proponent to

design, build, finance and maintain 18 pre-kindergarten to Grade 8 schools on nine joint-use sites in Saskatchewan.

Bird has the majority interest in and is the managing partner of the construction joint venture designing and building the schools. It will also take a minority equity interest in the concession responsible for the project's financing and maintenance through Bird Capital, a wholly owned subsidiary.

The schools are in Regina, Saskatoon, Martensville and Warman. The project includes the construction on each site of one public and Catholic school as well as centrally shared space, including a multi-purpose room, community resource centre and a child care centre, to form a single cohesive joint-use educational facility.

The consortium plans to reach financial close in Aug. 2015 and will enter into an early works agreement with the province in advance of contract finalization.

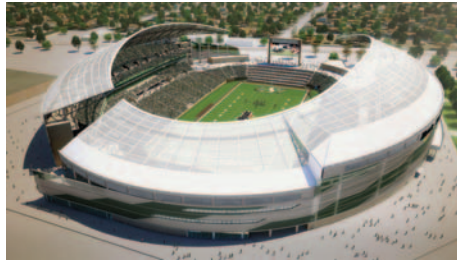
"As a company that was founded in 1920 in Moose Jaw, Saskatchewan, more than 95 years ago, we are excited about the announcement of our selection for this significant project in the province that provided the foundation for our success," said Ian Boyd, Bird's president and CEO. "Together with our partners in the consortium, particularly our construction partner, Wright Construction, a long standing builder in the province, we look forward to the opportunity to work closely with local industry, the Province of Saskatchewan and the various stakeholders to deliver these community focused schools."

Roughriders' Mosaic stadium nearly half complete

Regina's new football stadium was about 44 per cent complete on the project's first year groundbreaking anniversary.

"This is a tremendous source of pride for our community and we are very pleased with the progress the PCL construction team has made over the last year," said Regina's mayor Michael Fougere. "There is a lot of ac-

tivity in each area of the site and it has been incredible to witness how the stadium has taken shape."



"We are right where we wanted to be a year out from the ground breaking," said Sean Hamelin, representing the contractor PCL. "We continue to receive great feedback from all our sidewalk superintendents and appreciate their enthusiasm for the project."

The city said in the news release that construction on the stadium's west side will continue through the summer and will soon mirror what has already been done on the east side. Meanwhile, work has begun on the administration area for the stadium, on the site's north end.

As well, later in 2015, the structural steel work for the spectator roof will start to be installed on the southeast corner.

MANITOBA

Extra funds approved for \$6.7 million Dakota Field House

The Winnipeg public service is recommending the city increase its contribution for the construction of a community sporting complex in south St. Vital by almost \$2 million, the Winnipeg Free press reports.

The additional funds will increase the allocation for the Dakota Field House to \$6.7 million from \$4.8 million.

Tom Thiessen, president of the non-profit Dakota Community Centre Inc., said the money is required because of increases that have crept into the project during the last two years, the Free Press reports.

"We're really looking forward to this," Thiessen is quoted as saying. "We're confident we can build a really

good building for the budget we have in front of us."

Dakota CC plans a \$17.9-million, 50,000-sq. ft. addition with the equivalent of six volleyball or three basketball courts and additional features including a mezzanine-level running track, locker and change rooms, and showers.



St. Vital coun. Brian Mayes said council approved the cost increase in mid-2014. Now, the newspaper quotes him as saying city hall is now being asked to approve the business plan and loan guarantee, along with a construction loan guarantee to Dakota for the project.

"The grant and loan guarantee was contingent on a satisfactory business plan from the community centre and now we have that," Mayes was quoted as saying.

ONTARIO

Eglinton Crosstown LRT: Canadian contractors join forces to win nation's largest PPP project

A consortium including some of Canada's largest contractors has won the Eglinton Crosstown LRT project, described as the largest public-private partnership (PPP) project in Canada's history.

The Crosstown represents a \$5.3 billion (2010) transit improvement investment – the largest in the history of the region, Infrastructure Ontario (IO) said in a news release.

The project's scale has been controversial in Ontario's design and construction community industry, as association and business leaders expressed concern about "bundling" and the possibility only large, multi-national

foreign companies would be able to bid and win the work.

These fears have been allayed because major Canadian contractors including Aecon, ACS Infrastructure Canada, EllisDon, and SNC-Lavalin joined forces as equal 25 per cent partners to form Crosslinx Transit Solutions (CTS), beating out another consortium, Crosstown Transit Partners, built on a largely foreign consortium including Fengate Capital Management Ltd., OHL Concesiones S.A., STRABAG Inc., Bechtel Development Company, Inc. and Obayashi Canada Holdings, Ltd.

The new consortium has already set up a website at <http://www.crosslinx-transitsolutions.ca> and has invited suppliers and sub-contractors to express interest in participating in the project.

Infrastructure Ontario (IO) has been giving weight to "local knowledge" in evaluating competitive bids, and this presumably helped the Canadian-led consortium in the two-way race for the massive project.

CTS will be responsible for the design, build, finance, operation, and maintenance and lifecycle activities of the 19 km. line for a 30-year term. It includes 25 stations, an integrated system of track work, rolling stock, as well as signaling and communications infrastructure.

Financial close on the project is expected by summer 2015, with construction anticipated to start in the first quarter of 2016.

Separately, in November 2013, and as part of a 50/50 joint venture with

ACS Dragados Canada, Aecon was awarded a \$177 million tunneling contract by Metrolinx for the construction of a section of the Eglinton Crosstown LRT.

Ottawa: City challenges Ontario Municipal Board ruling reducing municipal control of building heights



The City of Ottawa has decided to challenge in court an Ontario Municipal Board (OMB) decision to overturn the city's control of building heights through the Official Plan and local neighbourhood plans.

The story started when city planners objected to a proposal by owners of 267 O'Connor St. to build two 27-storey dual condo towers with a bridge connecting them, replacing a six-storey medical building.

The plan by Mastercraft Starwood "will draw attention to itself not as a striking piece of architecture that might be considered a piece of art, but rather as an anomaly within the central character area," planner Douglas James wrote in a scathing 2014 review.

The owners objected, and the OMB

agreed, that the city could not use the Official Plan and related Community Development Plans to specify heights.

The argument is these should be regulated by zoning bylaws, instead.

"Official plans should be flexible documents setting out general policy and are not intended to be prescriptive in their application," OMB member Richard Makuch wrote in his decision on April 29.

"This is not good planning," he wrote. "(It) will not result in better urban form but rather it will place undue hardship on applicants by forcing them to amend their plans or obtain relief by applying for an official plan amendment in order to meet a somewhat arbitrary standard that cannot respond to individual circumstances and context."

This OMB decision reflects the development industry's views, says John Herbert, executive director of the Greater Ottawa Home Builders' Association (GOHBA). "While the city can set height restrictions in zoning bylaws, it should not use the broad strokes of the Official Plan to set these restrictions."

Not surprisingly, in deciding to spend money on lawyers and seek leave to appeal the OMB decision to the divisional court, the city disagrees.

Windsor-Detroit Bridge Authority issues first request for construction tenders

The Windsor-Detroit Bridge Authority (WDBA) announced in early June

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that it has issued a request for tender for the construction of a perimeter access road, the relocation of utilities and the placement of fill on the site of the Canadian inspection plaza site for the new Gordie Howe International Bridge.

The work will prepare the Canadian inspection plaza site for construction by a private-sector partner to be chosen later.

"Over the past 10 months, the WDBA board of directors has put in place a team of executives, professionals and advisors with the domain expertise required to enable us to launch today's first construction tender," says bridge authority chair Mark McQueen. "The Canadian inspection plaza is the key first component of the larger procurement process."

"Our team is doing all it can to ensure the new publicly-owned bridge between Windsor, Ontario and Detroit, Michigan is open as soon as possible," he said. "The completion of these

early works activities will help ensure that the project remains on track."

"The WDBA team has been working closely with the City of Windsor, utility companies and regulatory authorities to bring this tender package to the market," says bridge authority CEO Michael Cautillo. "We are pleased to take this significant step toward fulfilling our mandate of delivering the Gordie Howe International Bridge."

Officials say the WDBA is committed to a fair, open and transparent process for the selection of contractors.

The request for tenders is posted on MERX and can be viewed at www.merx.com.

QUEBEC

Retirement home boom anticipated

Canada will soon experience a boom in constructing seniors' retirement homes, says Luc Maurice, a Que-

bec developer spending \$1 billion on new projects.

Radio station CJAD reported that Maurice believes there is a need for at least \$3 billion a year in investment across the country to build and upgrade retirement homes.

Porta Potties to be replaced by running-water toilets on larger construction sites

It took 12 years, but the Quebec Labour Federation (FTQ) has finally won its request for a change requiring real toilets with running water and heating on construction sites.

Under new rules, workers on sites with more than 25 workers will no longer be forced to use chemical porta-potties. Quebec has been the last North American jurisdiction to adopt the rule.

FTQ director general Yves Ouellet told the CBC the union first requested the rule change in 2003.



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"Everywhere we say to people: 'You have to wash your hands to stop the spread of contagious diseases.' It's bizarre because in construction, nobody cared," he was quoted as saying.

"For us, it's not a question of money, it's a question of respect. It means we'll be treated like humans," Ouellet said.

He said the new washrooms will be in heated trailers equipped with water tanks and sinks.

The change will be introduced gradually. Sites with more than 100 workers will replace the porta-potties over the next six months. Gradually, the new rules will be expanded to sites with 50 and then 25 workers.

NEW BRUNSWICK

Moncton receives funds boost for downtown entertainment centre

The provincial government has announced it is ready to contribute \$21 million to Moncton's planned \$107 million downtown entertainment centre, on the assumption that the federal government will make a similar contribution.

(In pre-election mode, the Conservative government has indicated that it will be opening the taps on infrastructure spending projects across the country.)

The proposed downtown centre includes a concert venue, NHL-sized rink and meeting space. There also will be outdoor areas to host community, cultural and entertainment events.

NOVA SCOTIA

Province invests \$220 million in highway, bridge repairs

The provincial government has announced it is spending \$220 million on highway funding for 2015-16, and a large proportion of the funds will be spent on bridge repairs.

"We're busy all year, summer time especially because that's when the majority of your work starts getting done," said Will Crocker, bridge main-

tenance engineer with the Nova Scotia Department of Transportation and Infrastructure Renewal, told Global News.

Officials say each bridge in the province is unique and can require different repairs.

"It can be cracking. It can be rusting of steel members, it can be deterioration of timber, sometimes potholes on bridge decks. It's all related to the bridge," Crocker told Global News.

"We're busy getting structural designs done. We're already getting designs done for next year and the year after just so that we're ahead of the game hopefully, so we can get projects tendered and awarded early in the season to allow construction to complete during the best weather," he said.

PRINCE EDWARD ISLAND

Summerside approves 64-unit apartment complex



Summerside Council has approved a height variation and subdivision application for Conrok Development Inc. to build a four-storey, 64-unit apartment complex.

"It would be a steel structure inside with concrete floors," Conrok's Mark Gallant is quoted as saying in Daily Business Buzz. "We are looking at a very durable, very energy-efficient building for the long term."

Moncton-based Spitfire Designs has designed the structure. The subdivision of the 24-acre land parcel to create a 1.8 acre lot is the first phase in what is expected to be a four-phase construction project.

"We will begin marketing and provide more information going forward,

with signage going up on the property in the next few weeks," said Gallant, who didn't provide the project's cost or indicate when construction would commence.

NEWFOUNDLAND

Corner Brook lays out the red carpet for new home builders

Corner Brook has announced that it will waive both development fees and the first year's property taxes for new homes in the city. The incentives are expected to result in several thousand dollars in savings for each home.

For contracting companies like Discovery Ridge, the incentives bode well for business, CBC news reports.

"I think that makes a big difference, and that up front cost is the stuff that's out of your own pocket, that's not (included) in your mortgage," CBC quoted project manager Trina Burden as saying.

"Average permits last year were about \$850, some were more, some were less. It's based on the square footage of the home. The average tax is somewhere in the vicinity of \$2,000," Mayor Charles Pender said.

With additional savings on the removal of landscaping fees, the average savings for a new home compared to last year will be about \$5,000, he said.

Pomerleau awarded \$21 million contract to build Harbour Grace arena

The Newfoundland and Labrador government has recently announced it is investing \$15 million in a new Harbour Grace arena project, with the town to pay for the remainder of the costs.

The construction contract with Pomerleau was signed on May 27, ending years of uncertainty about the project, which was first announced nearly four years ago.

ASSOCIATION NEWS

Green Business Certification Inc. and Canada Green Building Council join together to advance the WELL Building Standard

Green Business Certification Inc. (GBCI) and the Canada Green Building Council (CaGBC) have announced a new agreement to promote and advance the WELL Building Standard (WELL) in Canada.

The WELL Building Standard is a performance-based system for measuring, certifying and monitoring features that impact human health and wellbeing, through air, water, nourishment, light, fitness, comfort and mind. It complements other green building rating systems such as LEED.

"As GBCI and CaGBC come together to advance WELL in Canada, we take an important next step in the development of better, healthy buildings across the globe," said GBCI president Mahesh Ramanujam. "Just as LEED has transformed the building sector to address environmental accountability, WELL will further that vision by focusing deeply on the people in the buildings and providing developers and owners with a new way to account for health and human occupancy challenges."

Grounded in a body of medical research that explores the connection between the buildings where we spend more than 90 per cent of our time and the health and wellness of the people in them, WELL measures attributes of the built environment by looking at seven concepts and more than 100 features that address behavior, design and operations.

"The Canada Green Building Council is excited to be working with GBCI, our long-standing partner, to bring the WELL standard to Canada," said

CaGBC president and CEO Thomas Mueller. "We have made a commitment to improving the environmental performance of buildings and homes, and now we also want to ensure that buildings provide a healthy and productive environment for occupants. The WELL standard is a timely addition to CaGBC's programs, as health and wellness in the workplace is increasingly recognized as an important element in attracting and retaining employees."

WELL certification allows building owners and employers to know their space is performing as intended to support human health and wellness. WELL can be applied across all building types and is currently optimized for commercial and institutional projects. WELL is administered by the International WELL Building Institute™ (IWBI) and is third-party certified by GBCI.

The new agreement between GBCI and the CaGBC will bolster the adoption of WELL in Canada by aligning the business and administrative processes used to implement WELL in the U.S. with the demands of the Canadian market. The CaGBC has a long-standing relationship with both USGBC and GBCI, the certification body for USGBC's LEED green building program, partnering to deliver LEED in Canada. To date, there are more than 5,300 LEED projects in Canada, amounting to more than 79 million gross square meters of space, making Canada the top producer of LEED projects outside of the U.S.

"GBCI and CaGBC joining forces will help grow the healthy building movement by bringing health and wellness into Canada's indoor environments through the WELL Building Standard," said IWBI founder Paul Scialla. "With this agreement, we see tremendous opportunity for the wellness, sustainability, and real estate

communities in Canada to come together to support human health through the built environment."

As GBCI aims to introduce WELL in markets spanning the globe, CaGBC will provide additional capacity and support in one of the most important and promising arenas for high-performance building development. To learn more about the WELL Building Standard, visit <http://WELLcertified.com>.

Crane and Rigging Conference to focus on Canadian standards and competency issues

The Crane and Rigging Conference (CRC) Canada has been scheduled for Nov. 9 and 10 in Edmonton.

The Canadian Hoisting and Rigging Safety Council (CHRSC), based in Ottawa, works with crane industry stakeholders across Canada to facilitate harmonization of regulations between jurisdictions and is co-ordinating the conference.

"The council looks forward to providing crane and rigging stakeholders with an update of its efforts to facilitate harmonization of standards, international reciprocity for mobile crane and tower crane operator credentials, and development of national demonstration of skills tests," said CHRSC chair Tim Bennett.

Bennett, also a vice-president with NCSG Crane and Heavy Haul Services, said the council "has supported CRC Canada since it launched five years ago as a forum for crane and rigging professionals from a variety of industries to discuss safety, productivity, and personnel issues."

Sessions will focus on people, processes and productivity issues.

For more information see www.craneandriggingconference.com.

Entrepreneur develops first Canadian prefabricated wood panelized system achieving European PH standards



Canadian Design and Construction Report special feature

BC Passive House Plant has been recognized with the Environmental Performance Award in Wood WORKS! B.C.'s 2015 Wood Design Awards.

BC Passive House is Canada's first prefabricating plant to produce a wood panelized system that meets European Passive House (PH) standards. These standards define the total annual amount of energy that can be used for heating and cooling and for primary energy usage. The award release notes "the project won for demonstrating how wood products can play a significant role in improving the environmental performance of a structure."

The plant results from a partnership between Matheo Durfeld and his wife Heather, owners of Durfeld Constructors, and Eric Karsh and Robert Malczyk, two highly-respected engineers in innovative timber construction. Durfeld says the partnership provided both the financial resources to create the plant and the ability to be innovative in responding to a changing market.

Despite the recognition the award confirms and the attention he has been getting in recent years, Durfeld is a humble man who credits fate as much as anything for his current success. "There are two kinds of people; those who plan and chart a deliberate course and then there are people like me who find life happens and one thing leads to another."

Here Durfeld refers to his introduction to Passive House construction, which came somewhat by chance when a group of Austrians approached the company to construct the Austrian Olympic Passivhaus. The project, a collaboration between five private Austrian companies, forming the Austrian Passive House Group, intended to use the first "Green Olympics" to showcase their building products and demonstrate the Passive House standard to the world.

Durfeld says the group was attracted by his reputation as a custom log home builder, a natural fit since much of Austria's passive house construction is wood-based. Though Canadian-born, Durfeld himself is of Austrian heritage; another fated connection.

He says he and his wife travelled to Europe to visit facilities creating PH to understand the process and then acted as general contractor for the project, putting together the prefabricated structure crafted in Austria and delivered here. The Austria Haus became Canada's first registered Passive House.

"Though I understood the concept and believed in what was possible, my own 'aha' moment came on a cold day, just after the house was closed in when I walked inside and felt the warmth and comfort generated throughout the building by a small, 1,500 watt heater."

That moment of intellectual buy-in and the next several months of touring people through, explaining the concept and process, made him something of an expert.



Wanting to make the Passive House real and more common, Durfeld and his wife bought a lot and constructed the first Canadian residential passive house as their own home. After third-party verification proved the PH standards had been met and achieved with mainly Canadian products, sales to other interested home owners began.

“There were three take-aways from our early projects: That prefabricated wood created an amazing efficiency; that this kind of construction is suitable for use across Canada; and that the best things are not invented but copied.” Durfeld says building science from both Canada and Europe contributes to the success of PH construction.

Durfeld began to grow his business with a small start-up operation in the interior of BC, later constructing the award-winning Passive House Plant as demand grew. “Some people come to us for PH standards, some come just looking for a low energy home and others come simply for the concept of prefab and getting a project constructed and closed in from the elements faster.”

Noting he has always been a custom builder, Durfeld says that has not changed. Despite the pre-fabrication element, each project the Passive House Plant creates is de-

signed to meet the individual homeowner’s specifications and interest.

While prefabrication presents opportunities on site, Durfeld says the process is somewhat more rigid because decisions have to be made and finalized before work begins. Part of the process then is working with engineers and architects to ensure all details are finalized, because they cannot be changed or adjusted along the way.

The closed, structurally insulated panels also present a change for building officials who must be able to buy into the science and be prepared to approve a project based on engineering reports that the work has been properly done. “Some of our work involves educating and speaking with building inspectors to make sure they understand and acknowledge the process.”

Durfeld says as this understanding grows, he sees PH as the wave of the future. “The science behind PH creates not only an energy efficient home but a home that is more soundproof and more comfortable. There is a great supply of fresh air, the living spaces are more equally conditioned; it is what a home should be.”

For more information, visit www.bcpassivehouse.ca.



SIGA Cover: High-performance tapes and membranes improve envelope efficiency



Canadian Design and Construction Report special feature

SIGA Cover manufactures high performance tapes and membranes to improve envelope efficiency. The products are used in many homes and commercial buildings, including those created by the BC Passive House Plant.

Patrick McMahon, regional manager for the Swiss, family-owned company, says SIGA has been in business for more than 45 years and Durfeld Constructors, owners of the BC Passive House Plant, is among the longest users of SIGA products in North America.

"There has been a high level of awareness in many European countries for decades, due to higher energy costs and tighter code requirements, that the building envelope is key to performance. Durfeld is ahead of the curve in North America for that understanding."

McMahon says SIGA produces products for both sides of the building envelope and are used to construct many of the custom homes Durfeld creates.

"We offer exterior tape and membranes that are, in

many cases, a higher performing alternative to many products people know. We also provide a variety of interior products which are well suited to cold climates."

He says the variety of products SIGA carries allows for true customization and a unique solution for every building project based on goals and budget. "We carry products for air sealing, for moisture and vapour control. We have tapes and interior membranes."

McMahon says though some of the company's products have been designed for masonry, wood frame construction is a key focus, making products ideal for residential and light commercial projects, and the kind of ground-breaking construction the Passive House Plant is achieving.

Sold and available throughout Canada and the U.S., McMahon says SIGA products provide options for "mainstream construction where the focus is on building a better building."

For more information on SIGA and its product line, visit <http://www.sigacover.com>.

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Canadian Passive House Institute West guides AEC community to achieve sustainable energy-saving standard

A six-level Passive House building containing 95 rental apartment units starting construction September 2015. Cornerstone Architecture, Vancouver BC



Canadian Design and Construction Report special feature

Incorporated in 2013, the Canadian Passive House Institute West (CanPHI West) offers training and events for builders, architects, engineers and trades people, and advocates for building energy efficiency that meets the international Passive House standard.

This effort continues this fall as CanPHI West hosts the 2015 North American Passive House Network Conference (NAPHN15), Oct. 1 and 2 in Vancouver. The organizers are expecting more than 400 attendees, including designers, builders, suppliers, government officials and policy analysts. The program includes two days of presentations and panel discussions, and a trade show dedicated to suppliers of Passive House products and services. There will also be a day of pre-conference workshops and post-event project tours in Vancouver and Whistler.

CanPHI West president Rob Bernhardt says that more and bigger Passive House projects in North America demonstrate its profile and that interest has grown. "Cornell Tech has begun construction of a 26-storey student residence in New York and other high rise projects are being designed. Multi-family low-rise and mid-rise projects are more common and growing in number."

Bernhardt was pleased to see BC Passive House recognized recently in the Wood *WORKS!* awards. "This award showcases the role of Passive House to the future of construction. Not only is the plant architecturally beautiful but it is also producing prefabricated Passive House buildings for the market."

He says code development is moving in the right direction not only to achieve the energy efficiency inherent in Passive House buildings but for the collateral benefits of this efficiency. "Passive House creates a simpler building

with lower operating costs, improved comfort and superior air quality."

He observes jurisdictions adopting building codes aligned with Passive House. "The European Union has committed to nearly net zero energy building by 2020, which is effectively a Passive House. California has committed to net zero buildings by 2020, B.C. has made a net zero commitment and Vancouver and New York have clearly identified Passive House in their building regulations. The debate in several jurisdictions is how to move towards greater energy efficiency, in several small steps, or in one step."

To help building professionals understand how to achieve Passive House energy efficiency, CanPHI West offers a variety of courses. These range from a one-day introductory course to a new 10-day design and construction program. Bernhardt says these courses are taught in per-



Bernhardt Passive House, Victoria, B.C.



**Lost Lake Passive House (was Austria House)
public recreation centre, Whistler, BC**

son across the country, and the 10 day course is designed to enable designers and builders to undertake a Passive House project.

“The greatest challenge in growing Passive House is not technical or financial, it is a lack of experience and fear of the unknown. The design of a Passive House may be more challenging but the construction is relatively simple.”

He says the key to achieving Passive House is an effec-

tive design including high quality windows and doors, high efficiency heat recovery ventilation and robust air sealing. Passive House is not prescriptive but simply defines the energy budget on which the building must operate, while providing increased comfort and superior indoor air quality. The Passive House designation applies for projects ranging from single-family residential to high-rise and from commercial to institutional.

Bernhardt says certification is relatively affordable because the cost primarily reflects the time of the certifier plus a minor fee to the Passive House Institute.

The Passive House Institute in Germany accredits certifiers who operate as independent professionals.

As with LEED, Bernhardt says there is value in obtaining Passive House certification.

“The certification, having a project reviewed and vetted by an independent body, is important for both quality assurance and marketability. How is a future buyer to know what they are getting without a certificate?”

For more information about the Canadian Passive House Institute West and its courses, visit www.canphi.ca. For more information about the 2015 North American Passive House Network Conference, visit <http://naphn15.canphi.ca>.

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Cover Architectural Collaborative Inc. applies skills and expertise for PH design, construction initiatives

Canadian Design and Construction Report special feature

Nelson, B.C.-based Cover Architectural Collaborative Inc. is applying its diverse range of skills and expertise to projects throughout B.C. and Alberta, including Passive House (PH) design and construction initiatives.

The collaborative's three professionals each have their own expertise and focus. For example, principal Lukas Armstrong, who grew up on a 160-acre, solar-powered ranch, concentrates on bringing energy efficiencies to each of his projects, and he is particularly invested in PH design.

"I own and live in a triplex that has been certified PH. Since there are only six certified units in Canada, you might say I am responsible for 50 per cent of the PH registrations in Canada."

Armstrong says he has always been interested in sustainable design and, after he took a course in Vancouver specifically for PH, he applied it to his own construction project, based on a B.C. government RFP, in conjunction with Fortis. "They were looking for proponents to develop "super-efficient new construction," achieving Energuide 91," he said.

Lukas convinced them to accept the Passive House rating system as well because it offers a more accurate energy modelling framework than Energuide. He then collaborated with Andre Harrmann, CanPhi director and green building consultant, to develop the certified project.

Big believers in both the technology and education, Armstrong and Harrmann are scheduled to present at the North American Passive House Network Conference in Vancouver this October. They will be addressing two inter-related topics: Using predominantly standard Canadian materials and construction systems to achieve Passive House, and the economic benefits of doing so.

While he believes the industry will be easy enough to educate, he says the consumer is always the tougher sell.

"Passive House is gaining traction but it is difficult to get the public to understand they may have to spend 10 per cent more on construction but that the savings is significant and immediate," Armstrong said. "The cost of ownership at the end of the first month will be similar to standard construction because owners are redirecting money they would have given to energy companies towards the mortgage, building equity. There is no need to wait for a payback period."

He says aesthetics also come into play. While many architects may design PH projects as a showcase and to display architectural creativity, he says most owners prefer a home with more standard curb appeal, something that will blend into the landscape rather than stand out. "We're de-



signing a home in Smithers (half way between Prince George and Prince Rupert) with which we hope to demonstrate that Passive House can be more mainstream and fit well within the existing fabric of a community."

Armstrong says having the word "house" in "Passive House" is unfortunate because the implication is then that this is all about residential construction. Armstrong says he is actively looking for key clients interested in building commercial and institutional showcase projects, noting that in Europe PH is evident in supermarkets, schools and offices in addition to multi and single family residences.

"Institutional and commercial owners – those who are invested for the long-term and those who deal with the realities of maintenance – can take advantage of PH certification to significantly reduce their energy and maintenance costs."

With three partners and more than 60 years of combined experience, Cover Architectural Collaborative Inc. has the skills and capacity to serve the residential, commercial and institutional markets, while employing cutting-edge building science and energy efficiency strategies.



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SUNPRO ENTERPRISES

Exterior shutters and awnings save energy costs for Passive House projects



Canadian Design and Construction Report special feature

Sunpro Enterprises supplies key components for Passive House projects: Shutters and awnings, including roll-shutters, patio covers, exterior venetians, rollscreens and patio covers.

Owner Jorg Volmar says the most effective way to keep a building cool is to avoid the sun hitting the glass, something European designers have known and embraced for decades. "Interior blinds and window covers are not as effective because they still allow the sun to warm the glass and blind, creating solar heat gain, and that heat radiates in."

He says exterior covers and shades will absorb, reflect and re-emit up to 95 per cent of the total solar radiance. Some structures with large expanses of sun-facing glass have reported lower air conditioning costs by up to 50 per cent. "Exterior shading devices are not only environmentally friendly but can also pay for themselves in energy cost savings."

Exterior shades and shutters he says, also provide a high degree of privacy and shutters may offer the added benefits of security and storm protection.

"Our exterior venetians are an aluminum profile, similar to an interior venetian but bigger. Guide rails stabilize it against wind and weather."

These motorized units can be raised and the angle of the louvres adjusted for full control over natural light coming into the building and so they can be fully retracted at times when full sun and heat gain may be desired. "Such flexibility is not only cost effective but also much more desired in today's energy and environmentally conscious society."

Volmar says the product is suitable for residential, commercial and institutional applications and comes in a wide range of colour options. "Product like this has been used in applications all over Europe for more than 50 years. We have supplied it locally to many homes in Vancouver, Whistler, and the Sunshine Coast."

For more information on Sunpro products, visit sunproenterprises.com.



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Architrix Design Studio embraces simplicity in designing Passive House projects

Canadian Design and Construction Report special feature

Founded in 2007 in Vancouver, Architrix Design Studio has grown to be a well-established design firm with a network of exceptional builders, suppliers, consultants and municipal planners. The company offers planning and design services for all types of residential construction projects from renovations to new homes to boutique multi-family projects.

Principal Khang Nguyen says the company “started out doing small, simple projects, additions, renovations and the like, and through creating effective and functional spaces through sensible design practice, we have gained an impressive portfolio of projects, large and small.”

He says as the company has grown in its technical focus and experience, its primary interest, and what has moved the company forward, is a practice of functional, sensibly creative, and environmentally conscious projects, including Passive House construction.

“We got involved with Passive House first through seminars and courses provided by CanPHi as we are convinced that the homes we build are an excellent starting point for a more environmentally conscience future.”

He says an opportunity to work with clients to design their Passive House in Whistler, B.C. allowed the team to put into practice theories about high performance envelopes, air tightness, energy sources, solar gains, and other interesting aspects “that one does not typically look into when designing and building a home.”

From this project he says they have been able to implement many theories and techniques of Passive House in a simplified manner to create higher performance homes for other clients.

“The biggest difference in our approach to Passive House design and construction is to pursue elegant simplicity, Nguyen said. “There are complex Passive Houses out there, so not all designers will agree with me, but I truly feel that conservatism requires that unnecessary, overly complex processes be abandoned.”

He says starting with a non-complex form allows for the construction process to be more efficient, which relates to a more air tight building, and also allows the budget to be put into higher efficiency, more durable systems and products. “Spending too much time and money on a complex form will deter most homeowners from higher performance materials and systems.”

He says ‘mis-priorities’ about materials and space is one of the reasons for the perception that Passive House construction is more costly. “To build a compact high performance home could be the same cost, if not less, as building large triple gabled, four-winged monster home.”

Nguyen says Architrix’s team members are experts at understanding and communicating with its clients and builders. Ideas flow freely between clients and the design team and information is clearly produced for the builders



PHOTO CREDIT: KRISTEN MCGAUGHEY PHOTOGRAPHY

which is crucial for more technical homes.

Architrix is primarily involved with single family projects, but also has a growing number of small boutique multi-family projects diversifying its portfolio. “We have a project in Vancouver on a 25 ft. lot where we are retaining and refurbishing an existing character home on the lot, and building a new duplex on the same lot providing a total of three units compared to the original single unit use.”

For more information about Architrix Design Studio, visit architrixstudio.com.



Architrix is a house design company that is focused on creating exceptional custom designed homes. We work closely with our clients to develop thorough and thoughtful plans for new homes, renovations, laneway homes, coach homes and boutique multi-family developments.

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Zehnder America offers Passive House Institute certified energy efficient systems and products

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Switzerland-based Zehnder Group has a long history of energy efficiency dating back to its 1930 development of a tubular radiator that offered better heat conductivity and more cost-effectiveness than competitors. Today Zehnder America offers HRVs, ERVs (energy recovery ventilators), air distribution systems and geothermal heat exchange products, many of which are Passive House Institute certified.



Business development and technology director Barry Stephens says to date Zehnder America has focused on the residential market through residential-sized equipment. “We have done a number of schools, offices and multi-family projects across North America as well.”

Working closely with builders and developers for both development-scale projects, and with modular style home manufacturers, he says the company is focused on building highly energy efficient projects. “We are a member of the Net Zero Energy Coalition, work closely with Passive House consultants (a majority of our models are PHI certified), and other energy efficient projects.”

The Zehnder Comfosystem, a heat and energy recovery ventilation system, for instance, provides a constant supply of fresh air, optionally pre-tempered with a geothermal heat exchanger for very cold climates. The company’s website says the heat recovery ventilation device recovers up to 90 per cent of the energy of the extract air to warm the incoming fresh air, saving on heating costs. Air volume can be adjusted individually for each room to provide optimal comfort levels and customization.

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

Stephens says Zehnder has a different approach to its systems. “There are three critical steps to systems that perform at our level.”

The process, he says, begins with free design and quote services to customers, through a simple web-based process. Zehnder then provides installers with training tools including online videos and workshops, which are offered across North America.

“Finally, we include commissioning or Quality Assurance (QA) with all system sales. This last step is critical in assuring that our systems have been installed and commissioned as designed, and assures the building owner that the system will meet its design specification.”

Stephens says Zehnder America is establishing a network of dealers to provide support and delivery for its systems across Canada. The company currently has representation in Vancouver and another south of Toronto. "We have obtained the UL/UL-C (CSA equivalent) for two models to date of our HRVs and ERVs, and will continue to add to that list. All of that is backed up by a significant warehousing facility in Massachusetts, and technical sales engineers and/or reps across North America."

For more information, visit zehnderamerica.com.



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Precast/prestressed concrete industry associations collaborate to advance the industry's interests

Focus on environmental sustainability, training, and education



Canadian Design and Construction Report staff writer

The precast and prestressed concrete industry is adapting and evolving to meet new industry demands and construction technologies, supported by associations working in uniquely collaborative partnerships.

The industry is served by three key groups: The Canadian Precast Prestressed Concrete Institute (CPCI); the National Precast Concrete Association (NPCA); and the Precast/Prestressed Concrete Institute. The NPCA is the largest of the groups with more than 1,000 members across North America. PCI has about 200 members and CPCI has just over 50 members but carries about 80 per cent of Canada's precast industry volume, says managing director Brian Hall.

Hall says all of the associations work with infrastructure interests in Canada, undertaking research and development to support a commitment to public safety. "We have also set a goal to reduce our impact on the environment."

Hall says this is being targeted through a North American Sustainable Plant Program that launched in 2012. He says all three associations are working to create a culture of sustainability, starting with lifecycle assessment programs.

These programs take place at two levels. "At the manufacturer level we look at lifecycle and identify areas where processes have an impact on the environment. Then we look to mitigate and negate the impact on water use for instance or initiate higher levels for dust control and reduce our energy consumption."

“In the future it will be more important to build more resilient homes that can adapt to and withstand these extremes.”



He says it is important to note that these initiatives have come out of the industry, they have not been mandated, and they are being put into place across North America.

NPCA president Ty Gable says this is just one example of a co-operative effort between all three organizations. “We all realized the importance of this and have banded together to find a common solution.”

Gable says while many trade associations tend to be reactionary, the intent here was to be proactive. “It makes sense to us to work with government to promulgate law, to be included in the laws as they are made and to help develop them.”

Hall says in Canada the associations have been approached by provincial governments, looking to understand the initiative and to be part of the solution.

Another way the associations are working together is in the development of Environmental Product Declarations (EPDs), which include environmental data about products, including lifecycle information, and which are now required for many projects.

“There are many ways to develop EPDs but we believe they need to be verified by a third party in order to be effective,” said Hall. “We are working with ASTM International (formerly the American Society for Testing and Materials) in the U.S. and Canada, and also with the Athena Sustainable Materials Institute, and hope to have EPDs in place by the end of 2015.”

Other co-operation is evident in the NPCA’s Precast University. Gable says this educational program provides company owners who truly embrace environmental protection an opportunity to educate their team. Owners themselves can mandate employees and to attend but the association does not force the requirement. “A truly sustainable environment only exists when everyone in the building knows what and why and how things need to be done.”

Gable says Precast University courses are offered online and in person. Starting with basic concrete technology, the courses are designed to teach students to become experts

at production. In the end, graduates receive certification as a master precaster.

Covering safety and sustainability from a philosophical level right down to practical situations on the plant floor, courses are suitable for office staff, upper management and employees in every stage of production.

Hall says NPCA opens its courses to CPCI members as well, sharing the information and resources to ensure the industry overall is strong.

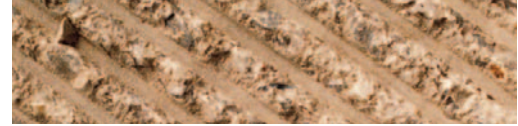
CPCI has also undertaken an educational program designed for architects and engineers. “We do a lot of seminars across Canada including one called Infrastructure for Life in which we demonstrate to owners and designers that first cost may not be the real cost.”

Hall says the program intends to educate professionals in costing out projects, looking at lifecycle and maintenance costs. The industry he says is working to create concrete that is more durable and the industry should be planning to and expect to build structures and infrastructure that can last 100 years.

Beyond infrastructure, the associations are also contributing to research on building envelopes. “We’re working with climatologists in North America doing research on our weather and the way we are seeing more extremes,” said Hall. “In the future it will be more important to build more resilient homes that can adapt to and withstand these extremes.”

He says while other materials may not tolerate extreme weather, concrete is resilient, durable and adaptable to whatever will come.

The associations are also applying social media, communicating key messages through Facebook, Twitter, e-news as well as through more conventional methods including newsletters and their own precast concrete print magazines. For more information on the North American Concrete Industries visit www.npca.com, www.pci.org and www.pcci.ca.



BASF Construction Chemicals contributes to sustainability initiatives

EPD service saves clients' time and supports bidding qualifications

Environmental Product Declaration

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Life Cycle Impact Results
Declared Unit: 1 y² of 6,000 psi (35 MPa) concrete at 28 days, 0.000 psi (0 MPa) at 56 days.

LIFE CYCLE INVENTORY DATA (per m ³)	Product ID 4MFT438
Total Primary Energy consumption (MJ)	1,961
Concrete batching water consumption (m ³)	1.60E-01
Concrete washing water consumption (m ³)	1.82E-02
Total water consumption (m ³)	1.78E-01
Use of renewable primary energy (MJ)	61
Depletion of non-renewable energy resources (MJ)	1,900
Use of renewable material resources (kg)	0.0
Depletion of non-renewable material resources (kg)	2,291
Hazardous waste (kg)	0.0
Non-hazardous waste (kg)	2.4

LIFE CYCLE IMPACT ASSESSMENT (per m³)

Climate change* (kg CO ₂ eq)	270
Ozone depletion** (kg CFC 11 eq)	1.00 E-08
Acidification** (kg SO ₂ eq)	1.8
Eutrophication** (kg N eq)	0.058
Photochemical ozone creation/smog** (kg O ₃ eq)	6.08

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*CML characterization **TRACI characterization

Canadian Design and Construction Report staff writer

As part of the world's largest chemical company, BASF serves the construction industry with many innovations and industry firsts. That work includes several sustainability initiatives including its EPD (Environmental Product Declaration) service.

BASF sustainability manager David Green says the company developed the life cycle assessment based Eco-Efficiency Analysis in 1996 and, since the framework, expertise and experience is already in place, EPDs are a natural next step. He says BASF is able to handle the leg-work for EPDs on behalf of clients. "For a customer to take this on alone they would have to follow specific product category rules (PCR), look at lifecycle details and go through third party verification, all of which can be costly and very time consuming. We educate customers about the process and then take away the frustration of having to complete the process."

He says while it might take a customer four to nine months to complete the process alone, BASF's expertise and streamlined process means an EPD can be produced in three to four weeks. He adds that they have already been successful in helping clients meet pressing bidding deadlines but being proactive is helpful. While LEED projects have been the driving force behind EPDs to this point,





Green says more projects are requiring them and many companies are creating the documents to have a library of resources at the ready for when projects come up.

An EPD created by BASF not only fulfills the ISO standards; it also provides the environmental results that can be used for internal process improvements. "Through the document, opportunities to improve operating efficiencies can be identified including energy use, waste generation and consumptive water use."

Based on Product Category Rules (PCRs) for North America, Green says a BASF EPD can be developed for either side of the border.

Green says BASF is the first admixture company in North America to act as a supplier of EPDs to the industry and he considers it part of the company's role in helping its customers be more successful through solutions beyond the product. He says BASF will continue to evolve the EPD service to include new PCRs for different concrete products. "We started with the ready mix industry, added concrete masonry products and are moving into precast now. We will work to ensure all concrete industry sectors are covered for this requirement."

Heavily involved with associations at the regional, international and global level, he says the company is always looking for new ideas and innovation that might resonate with customers elsewhere. "We're constantly upgrading and updating to stay ahead on our deliverables. We have a close relationship to our customers and constantly work to



support their current and future needs."

Green says BASF works to be a true partner to its customers, spending time in their plants, ensuring they have a full understanding of each customer's business and each customer's unique needs.

For more information, visit <http://www.master-builders-solutions.basf.ca>.

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Euclid Canada Inc. provides speciality concrete products including viscosity modifiers and form liners



Canadian Design and Construction Report special feature

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

Formed in 1910 as the Klein Building Products Company, Euclid's initial product offering included waterproofing and concrete additive products for the local Cleveland, Ohio market. Today, Euclid's national business development manager, Brian Salazar, says the company works with its clients to provide a wide range of products and services to meet changing technologies and increasing demands of the diverse industry.

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

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

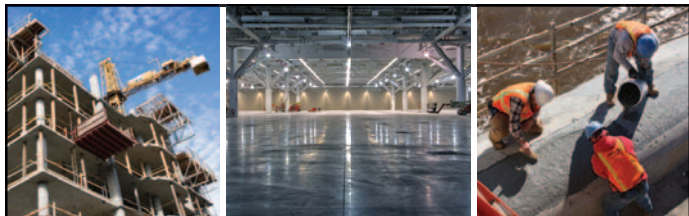
Salazar says Euclid has met another industry demand with its unique form liners. These decorative concrete forms he says can mimic stone or brick work and use a patented keystone feature to break up form lines for a more natural look and can be used on everything from bridge work to walls.

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

Salazar says the company is also working to respond to another industry demand – the need for Environmental Product Declarations (EPDs). "We're working on EPDs and HPDs (Health Product Declarations) for our admixtures and already have a good sustainability program in place including waste and water."

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

For more information, visit www.euclidchemical.com.



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2015 Modular and Offsite Construction Summit linked with international construction industrialization conference

Edmonton gathering attracts 300 to discover offsite construction synergies

Canadian Design and Construction Report staff writer

The 2015 Modular and Offsite Construction (MOC) Summit and first International Conference on the Industrialization of Construction (ICIC) took place May 19-21 at the Shaw Conference Centre in Edmonton.

Dr. Mohamed Al-Hussein, associate professor, Construction Engineering and Management at the University of Alberta, says combining the third MOC Summit and first ICIC conference created synergies between theory and practice by linking industry with academia.

"We wanted to promote modular and offsite construction to the global community and provide a venue for knowledge exchange of modular and offsite construction practices and technologies from across the world," he said.

Al-Hussein said the event also debunked some of the



PHOTO COURTESY NRB OFFSITE CONSTRUCTION

negative stigma associated with modular and offsite construction and addressed other obstacles inhibiting its wider implementation. "It helped establish new research partnerships between industry and academia, and between international parties."

The conference/summit attracted 300 delegates representing 16 countries. Industry sectors represented included modular manufacturers, architects, engineers, suppliers, contractors, developers and real estate professionals, software providers and those in research and development.

"CEOs, COOs, directors, vice presidents and presidents accounted for 35 per cent of those in attendance," Al-Hussein said. "Twenty-three per cent were academics and researchers; 22 per cent were managers, project leads and coordinators; and 13 per cent were estimators, technologists and engineers."

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Other delegates included sales representatives, marketing professionals and government.

Al-Hussein says he was impressed with the tremendous international response, especially for the first year of the international and academic component. He also said he was impressed by the fruitful conversations.

“One innovation for this year’s MOC Summit and ICIC was the addition of a World Café component in the parallel sessions, which gave an opportunity for listeners to engage with speakers in an informal and more personal context following their presentations.”

Academic papers have been compiled, Al-Hussein said, in the event’s formal proceedings, and select papers will be published in a special *Automation in Construction* journal issue.

There were factory tours of Landmark Building Solutions and All Weather Windows and the MOC Charity Golf Invitational at Lewis Estates Golf Course.

The event is scheduled to run again in Edmonton in September 2016.



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Modular moves to new levels of complexity and customization

Canadian Design and Construction Report special feature

Building off-site in a controlled environment means faster schedules, improved safety, sustainable processes and high quality results. Best of all, when you work with a partner such as NRB Inc., you never have to sacrifice artistic vision or modify design or materials to realize these benefits.

"There's nothing assembly line about what we do," says NRB's vice-president of sales and marketing, Laurie Robert. "Our buildings have a level of customization, sophistication and completion that our clients have come to expect when they say 'I want an NRB building.'"

Although technically a building manufacturer, NRB understands construction and all of the co-ordination and collaboration needed for a successful project outcome. The company's skilled trades can complete custom assemblies and finishes with a craftsman's attention to detail and assemble the pieces seamlessly on the job site.

"We're a hybrid," says Robert. "We're a manufacturer with construction smarts. The product is identical to what you'd get if you built it onsite."

NRB has coined the phrase 'build together' to explain this blend of manufacturing and construction approaches. Using the 'build together' methodology, the building is completely assembled at the plant. "We build together so we can have precision fit and finish," says Robert. "We don't spend extra time onsite trying to get things to meet. We already know they will."

Designers, owners and their construction managers are regularly invited to inspect their 'built together' building before it ships, whether it's manufactured at NRB's facility in Grimsby, Ontario, or New Holland,

PHOTO COURTESY NRB OFFSITE CONSTRUCTION



Pennsylvania. "Clients love seeing their buildings fully assembled," says NRB president, Bob McNeil. "They can walk up the stairs, stand at a counter and see all the features and finishes installed before the building leaves the plant."

Build together is a mindset as well as a methodology. "We approach every project as part of the team," says McNeil. "We work with the owner and architect to establish best practices for the off-site construction

approach. Then we do the structural design, build, deliver and assemble the finished building onsite, often working with the general contractor on the site. Projects can be completed 30 to 50 per cent faster than conventional construction. And time is money, no matter who the client is."

To put the benefits of modular design and a construction mindset to work for your next project, contact Laurie Robert at laurierobert@nrb-inc.com.

Award-winning results

NRB's off-site construction projects are regular winners at the annual Modular Building Institute's awards. "We're always pushing ourselves," says McNeil. "We have built things that others didn't think you could build modular."

Dorm addition, Muhlenberg College, Best in Show Award 2014: This dramatic three-storey addition, featuring a grey slate tile roof, copper cupola and brick sourced to match the circa 1820 heritage building, was completed so quickly the school avoided the cost of providing temporary off-campus housing for students.

Robotic pavilion, York University, First Place Award 2014: This funky, multi-function indoor teaching space and outdoor study environment was designed with student input and can be repurposed as a transit shelter.

Addition, Brown Public School, First Place Award 2015: This permanent two-storey steel addition features an energy efficient building envelope, hydronic HVAC system and an attractive design that fits perfectly with the sloped walls and windows of the existing building.

ASSA ABLOY Hospitality provides secure locking for workplace housing and modular facilities

Canadian Design and Construction Report special feature

Beginning with a simple idea to provide more secure hotel access, ASSA ABLOY Hospitality has become a leading global provider of advanced locking and access solutions.

The company's story began in 1974 when lockmaker Tor Sørnes heard reports about his favorite American singer being attacked by an intruder who broke into her hotel room.

The incident inspired him to invent the world's first recordable door lock, VingCard's original concept. The company quickly became the global leader in hospitality industry guestroom security.

Around the same time, Bjørn Lyng, invented and introduced the world's first electronic in-room safe to the hotel and lodging market. The two companies joined forces in 1994 to form Vingcard Elsafe (now known as ASSA ABLOY Hospitality).

Today the company continues to leverage the most advanced technologies to offer security and peace of mind to all types of lodging providers and their guests/residents in a variety of industries, including workforce housing and modular facilities.

"This extensive expertise has made us the world's leading provider of advanced locking and access solutions, including innovative technologies such as Mobile Access, RFID (Radio Frequency Identification) electronic locking systems with compatible software, energy management solutions and more," says Tim Shea, president of ASSA ABLOY Hospitality.

Shea says managing the inflow and outflow of both temporary and permanent staff in modular housing/work camps presents many security issues that must be properly managed. "Traditional mechanical keys are no longer a solution, because they are simply unmanageable. In addition to not providing any real security, they offer no traceability of who has been where and when, it is impossible to track copies of keys that might have been made, and cylinders must often be replaced," he said.

"With all of these factors combined, mechanical keys are simply not the solution when locking systems have to manage thousands of cabins and thousands of employees coming in and out during both the construction and the management of the sites."

ASSA ABLOY's advanced RFID (Radio Frequency Identification) technology brings substantial benefits to site management and maintenance, in part because it can also



write back information on each staff and personnel RFID keycard. Therefore, it is possible to read out the events from each user keycard and obtain a detailed activity tracking of each staff and personnel.

Additionally online installations can retrieve, reprogram and change electronic lock settings, avoiding having to travel to each and every lock to change the site's access parameters.

ASSA ABLOY's innovative solutions are continuously setting new standards in the industry with proven, reliable technology and user-friendly features, as well as a "future-proof" modular design that is simple and affordable to upgrade to the latest RFID reader technology.

Product benefits include: A simple upgrade process requiring minimal installation time and impact on employees; security features including remote room status, intruder alarms, remote card cancellation; streamlined maintenance with remote battery status reporting and remote maintenance alarms; and reducing energy consumption within rooms by up to 40 per cent with a retrofit of an Orion energy management system.

ASSA ABLOY also provides onsite training and local support.

"Our company has evolved over the years, but who we are remains the same," says Shea. "Our purpose is not simply to lock and unlock more doors-it is to unlock the feeling of safety, security and belonging for more people, wherever they go."

For more information, visit www.assaabloy.com.

Cordell International Inc. focuses expertise on modular construction industry with doors, windows and other products

Canadian Design and Construction Report special feature

Cordell International Inc. focuses its expertise and customization on doors, windows, and other products to support the modular construction industry in North America and abroad.



The family-owned, Florida-based business has thrived for more than two decades. Vice-president and co-owner Bradley Cordell says, through their many facilities, Cordell can supply a wide range of products in virtually any material including metal and plastics.

Over the years, Cordell has focused its attention on the modular construction industry. "Whether it is doors and windows, metal furnishings, plastic tables and chairs, or faucets, Cordell International is designed to supply items factory direct, cutting out the middle man and the associated overhead costs."

He says the goal is to provide top notch products at the best prices.

Cordell says the company recognizes there has been a significant move to modular construction around the globe. Modular construction has been adapted for projects ranging from a Chinese hotel constructed of shipping containers to U.S. modular medical centres.

"We provide a variety of door options including steel out-swing, commercial, and container doors that can help cut installation times. We use what we believe are the best materi-



CORDELL INTERNATIONAL INC.

Manufacturers and suppliers of:

- Doors: container, commercial steel and out-swing steel
- Windows: aluminum and vinyl
- Furniture: including bunk beds, tables and chairs, and lockers

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als available for each specific door.”

Cordell says the company ensures the highest-grade virgin materials are used and then strives to offer the lowest prices people will find.

Cordell’s out-swing door has applications for both interior and exterior use and is currently being adapted for use both in the Middle East and Africa.

The company’s container door is a weld-in door that takes a minimal effort to install into metal and can also be installed in other applications such as concrete or wood.

Cordell also offers a commercial door specifically designed for the Canadian market. Measured and tooled in millimetres, Cordell says the difference is minimal but means Canadian clients don’t have to make the minor adjustments that would otherwise be required on site.

Other distinctions include Cordell’s higher fire rating on its doors. “The requirement of many fire ratings is only 1.5 hours. Our commercial door is cer-



tified for three hours but we can offer it at a price lower than another door rated for 1.5 hours.”

All of Cordell’s doors are considered to be security doors for their various usages. Container and commercial doors can also come equipped with a Euro-style double cylinder lock to beef up the security aspect.

Cordell also offers a variety of vinyl and aluminum window products including a low e-glass option. “We manufacture aluminum double-strength glass using a thicker glass than our competitors. The aluminum is suitable for any market and, properly installed, the thicker glass supports energy efficiency and controls the loss of warm or cool air in any weather condition when installed using the correct sealants and finishing.”

He says the vinyl windows Cordell manufactures meet all requirements for any situation or environment. In addition, with OEM orders, all windows can be designed specifically to meet individual client needs, whether it is Low-E, Egress, grids in the windows, or vertical or horizontal styles.

Cordell says his company provides unique custom solutions. “We work with a range of clients, from smaller companies who may order one door a month to larger businesses that require thousands and need something fully customized.”

Part of what allows Cordell to offer this flexibility is its history as a smaller, family-run business. Cordell says because the company offers factory-direct service, it is able to keep margins low and help clients turn larger profits.

As second-generation owners, he says he and his brother still value the personal touch on which their parents built the company, and both are actively involved with clients. “When people call Cordell they are always



going to get a real person and they can always speak to the same person when that is needed.”

In addition to windows and doors, Cordell also manufactures plastic tables and chairs, bunk beds, lockers, faucets, and has access to a wide array of other products and building materials.

He says the company can source any product customers may require that they do not already have, ensuring Cordell can act as a one-stop partner for a wide range of client needs.

Strategic plan addresses regulatory and members' challenges as association grows, enhances services

Canadian Design and Construction Report staff writer

The Canadian Paint and Coatings Association (CPCA) is moving forward with its new strategic plan, helping members transition to new legislative requirements, with a key publication to address member concerns and industry issues.

CPCA president Gary LeRoux says the association's new strategic plan addresses six vital priorities. "First, there is a need to ensure the association gets ahead and stays ahead of the curve on regulations being considered and developed by all levels of government and at important levels of government in the United States as they often influence and dictate the actions of governments in Canada."

He says CPCA will continue its work to maintain the profile and positive working relationship it has with appropriate government departments so there is a seat at the table from the beginning.

LeRoux says the strategic plan also includes an understanding of the need for greater harmonization of stewardship programs across Canada to reduce the regulatory burden and costs for members with respect to payment for post-consumer paint recycling for architectural coatings particularly.

"Third, the plan calls for a greater harmonization of regulations between Canada and the United States to reduce the regulatory burden and costs for members. The U.S.-Canada Joint Regulatory Co-operation Council (RCC) is now the main vehicle that works on bilateral harmonization of regulations on both sides of the border."

He says this route was used in the ongoing work on the GHS (Globally Harmonized System) legislation in 2014. The RCC he says has now tabled its action plan of priorities for the next several years and there will be opportunities for CPCA to advocate for more regulatory alignment. "However, there continues to be actions taken at the state level, not covered by this action plan, which could impact members in Canada, such as California's proposed regulations on aerosols."

While there has been success in recovering post-consumer paint across Canada, the strategic plan recognizes

the ongoing challenges to find markets for recycled paint. LeRoux says this situation may eventually erode the support for post-consumer paint recovery if governments and NGOs begin questioning the success based on the inability to re-use leftover paint by exporting to other markets. "Currently it is estimated that more than 80 per cent of the recovered paint is exported elsewhere. Better ways must be found to get more value from recovered paint and better is defined as responsible and effective use of leftover paint."





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CANADIAN PAINT AND COATINGS ASSOCIATION



The strategic plan's next component involves developing additional programs to increase value for members in areas such as corporate social responsibility, sustainability, human resources and skills development, and research and innovation. LeRoux says potential programs will be evaluated on a cost-benefit basis and their utility for members.

"While the association does not currently have a broad range of 'knowledge products' currently in terms of 'certification' for members, these new programs will constitute value-added programs for the benefit of members," he said.

Finally, LeRoux says growing membership must always be a preoccupation of associations.

"Developing new programs and creating a stronger value proposition will help retain and attract new members. Retention is as important as recruitment."

He says over the past three years there has been positive member growth with more than 20 new members added to the roster. There are still companies in the coatings sector who would benefit from CPCA's programs and services, and whose participation would help advocate on critical issues for the industry as a whole, and this he says, is addressed in the strategic plan's final component.

The association has also developed 'CPCA Insight' which is available through its website and mailed to members. LeRoux says it is the first edition and only publication that the association will print going forward. "It serves as a 'Swiss army knife' of sorts for the association and reports on the work done in the previous year, provides articles and insight on some of the current trends in the industry, highlights the work done by the various committees and showcases the members in the sector with relevant contact information in a guide and directory."

He says the association will continue to finesse this publication to make it as relevant as possible for members and all those who read it.

In other areas, the Globally Harmonized System (GHS) for the classification and labelling of chemicals has cleared the legislative and regulatory hurdles with a two-year transition period for implementation. CPCA has been following the development closely and LeRoux says he believes all of the association's key issues have been addressed. "Provinces and territories still have to provide comprehensive guidance and training for the full implementation within their respective jurisdiction."

He says CPCA has formed a partnership with ICC Compliance Centre who are running training programs for its members to ensure they are fully up to speed on what is needed to transition to the new GHS system.

For more information on CPCA, or to access 'CPCA Insight', visit www.canpaint.com.



Cloverdale Paint thrives with research, development and product innovations



Canadian Design and Construction report special feature

Established initially on a small farm near Cloverdale, B.C. in 1933, Cloverdale Paint has grown to be one of North America's largest regional paint and coatings manufacturers. Still family owned and operated, the company is continuing its growth and innovation to better serve the market.

Throughout its history, Cloverdale has progressively opened new branches and added increasing research and development components to its operations. Tim Vogel, chief executive officer, says both efforts continue today. "We opened a new store in southern Alberta last year and added a new distribution centre in Calgary. Here in Surrey, we will be moving into a new head office and expanding our research and development lab into the current head office space."

Innovation and product development has always been at the heart of Cloverdale and Vogel says this remains one of the company's core values. In the 1970s the company developed the first colour matching and formulation computer in Western Canada. The company also developed new product lines including air dry and bake enamels for the OEM (original equipment manufacturer) market, coatings for the oil and gas industry, maintenance coatings for fabricators, machinery and equipment, along with coatings for the B.C. forest industry.



Vogel says new technology and new products will always be required, as one part of the chain develops a new component or new ingredient, or as one end-user uncovers a new requirement and the industry must react. "I am amazed at the changes I have seen, especially over the last 25 years with respect to better quality products, better performing products and the move towards healthier products."

To support its clients with the transition to new products Vogel says Cloverdale performs extensive in-house testing, trying new products on different applications and with different tools. "We can then share guidelines, tips, recommended tools and advice to ensure high success with the products."

Vogel says these innovations arise from an understanding of what the market needs, which in turn is often driven by legislation and consumer awareness and demand. Not waiting to follow though, Vogel says Cloverdale seeks opportunities both to advance its products and the industry.

Cloverdale was one of the founding members of the BC Paint Care Association, which operates paint recycling depots throughout British Columbia. The company also initiated several internal programs to re-utilize water and solvent liquid wastes; to recycle empty steel drums, wooden pallets and corrugated cardboard; and to reuse solid wastes whenever feasible.

Cloverdale currently operates 64 company stores stretching across the country from B.C. through Quebec and its products are also available through more than 100 independent dealers. The company also services spray equipment and pressure washers through locations across Western Canada.

The company is a member of the American Coatings Association (ACA), the Canadian Paint and Coatings Association (CPCA), the Pacific Northwest Society for Coatings Technology (PN-WSCT), and the GVRD – Lower Fraser Valley Air Quality Advisory Committee.

For more information, visit <http://www.cloverdale-paint.com>.

Top 3 Reasons

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- 2 Shape future regulations impacting your business
- 3 Counter negative measures threatening your business and future trade

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www.canpaint.com/membership

Alberta Painting Contractors Association (APCA) leads in inspections and specifications as it celebrates its 20th anniversary

Canadian Design and Construction Report

Now in its twentieth year, the Alberta Painting Contractors Association (APCA) continues to educate and promote awareness among members and the industry, improving quality and accountability on every project.

APCA general manager Kirk Beggs says though the industry's industrial side has slowed because of low oil prices, the industry is still active through commercial and large scale residential projects. "People are more educated about investing in and maintaining properties and in need of quality assurance for work done so that side of the business is very strong."

This interest in quality work and what it means to the life of a building is just one of the drivers behind one of the association's key focuses: inspection services.

Beggs says APCA is the province's original inspection service provider. "Our inspections are taken very seriously. We ensure that the work is done properly and to the project specifications from preparation to final application. We ensure the owner gets the maximum value for their investment."



The Alberta Painting Contractors Association (APCA) represents the major players in the Alberta painting industry with a focus on commercial and industrial projects.

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ALBERTA PAINTING CONTRACTORS ASSOCIATION





Though painting is often a small cost in an overall project, Beggs says it is one of the first things visitors and staff see so many people recognize the value in ensuring work is done properly.

Inspections start before work even begins, making sure the surface is ready and that the proper materials are being used. Stage by stage inspections then verify numbers of coats and the accuracy of application. "We can identify problems early and give the contractor an opportunity to fix the issue. A report to the general contractor and architect will identify the issue as a back-up to ensure it is rectified."

APCA also supports the industry with specifications. Beggs says despite changes in 2012 involving VOCs and products which are not suitable for use, he still regularly sees projects specifying outdated materials. "We work

with architects and specifiers updating their knowledge and providing information about product alternatives."

Within its own membership, APCA promotes a professional painter's code of conduct and ethics. It also works with educational facilities to develop training programs for the industry, including background on how paints are made, instruction on best use and programs intended to teach people how to be inspectors.

"We have mini-trade shows for members with suppliers showcasing new product and in 2016 we expect to bring in more social opportunities to get members out and networking, as well as continuing our focus on our main functions of education, specification writing and quality assurance."

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



**ALBERTA
PAINTING
CONTRACTORS
ASSOCIATION**

The Alberta Painting Contractors Association (APCA) represents the major players in the Alberta painting industry with a focus on commercial and industrial projects.

APCA supports a skilled workforce providing quality service. APCA awards annual scholarships to assist apprentices seeking their journeyman trade designation in painting and decorating. Luncheon meetings are held from September through June to keep members advised of Association activities and to provide a forum for guest speakers with topics of direct relevance to the industry.

INSPECTION AND GUARANTEE PROGRAM

APCA is the approved quality control association for the Inspection Program in Alberta. This Inspection Program was developed by the Master Painters Institute (MPI) in order to guarantee the use of quality products and proper procedures by qualified tradespeople. The paint contract may only be 5% of the total project cost but 85% of the finished product is judged on the first impression made by the painting and decorating.

Mission APCA is committed to upholding and improving the standards of the painting and decorating industry. It represents independent contractors involved in the painting and wall covering industry serving the residential, commercial, industrial and institutional sectors. APCA also administers the Inspection and Guarantee Program and serves as liaison among industry groups.

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B.C. Floor Covering Association (BCFCA) advocates for higher standards, training and quality



CaDCR staff writer

The B.C. Floor Covering Association (BCFCA) represents flooring retailers, installers, manufacturers and distributors. "The BCFCA and its province-wide membership are dedicated to continuously raising the standards of excellence in the carpet, hardwood, resilient, laminate, cork and bamboo floor coverings industry," its website reports.

As an example, the association has restarted its annual Flooring Expo and Installers Convention, held last year in Langley and this year scheduled for Kelowna on Oct. 20.

The event includes a full day of installation training sessions and a product trade show. Before 2014 it had been several years since the previous event took place.

The association supports improved training to reduce flooring failures, because these problems generally relate to either site conditions and/or training.

In May and June alone courses included Intermediate Floor Covering Installation, Conflict Management, Intermediate Sand and Finish, Negotiation Skills, Teambuilding and Succession Planning.

BCFCA also offers Installation Review Quality Assurance Program (QAP) inspections. According to BCFCA's website, the inspection service is designed "to ensure floor coverings are installed according to nationally recognized standards as detailed in the NFCA Floor Covering Reference Manual."

"This Installation Review, Quality Assurance Program

(QAP), is a specifiable, third party inspection service operated by the Master Floor Covering Standards Institute. This service is aimed at larger commercial flooring projects."

Meanwhile, the NFCA (National Floor Covering Association) Floor Covering Reference Manual, a BCFCA focus for several years, contains about 1,000 pages of architectural specifications and reference guides and installation instructions for general contractors, flooring contractors, architects and owners.

New in 2014, the manual is available online free to members and through an online marketplace for non-members. Viewers can download sections for free, and pay a fee for the full specifications.

The manual also explains trade qualification requirements. Installers who complete the registered provincial apprenticeship training programs are deemed to be 'Trade Qualified' under the NFCA Quality Assurance Program (Part A05).

The two training programs are: INSTALL (International Standards and Training Alliance) practices for certification and the inter-provincial Standards Red Seal Program.

The BCFCA's representation from all industry sectors provides good coverage to promote and support the industry. Its inspection services provide a resource for consumers who have concerns and its internal programs and information help ensure retailers, manufacturers and installers have the tools they need.

For more information on BCFCA, visit www.bcfc.com.

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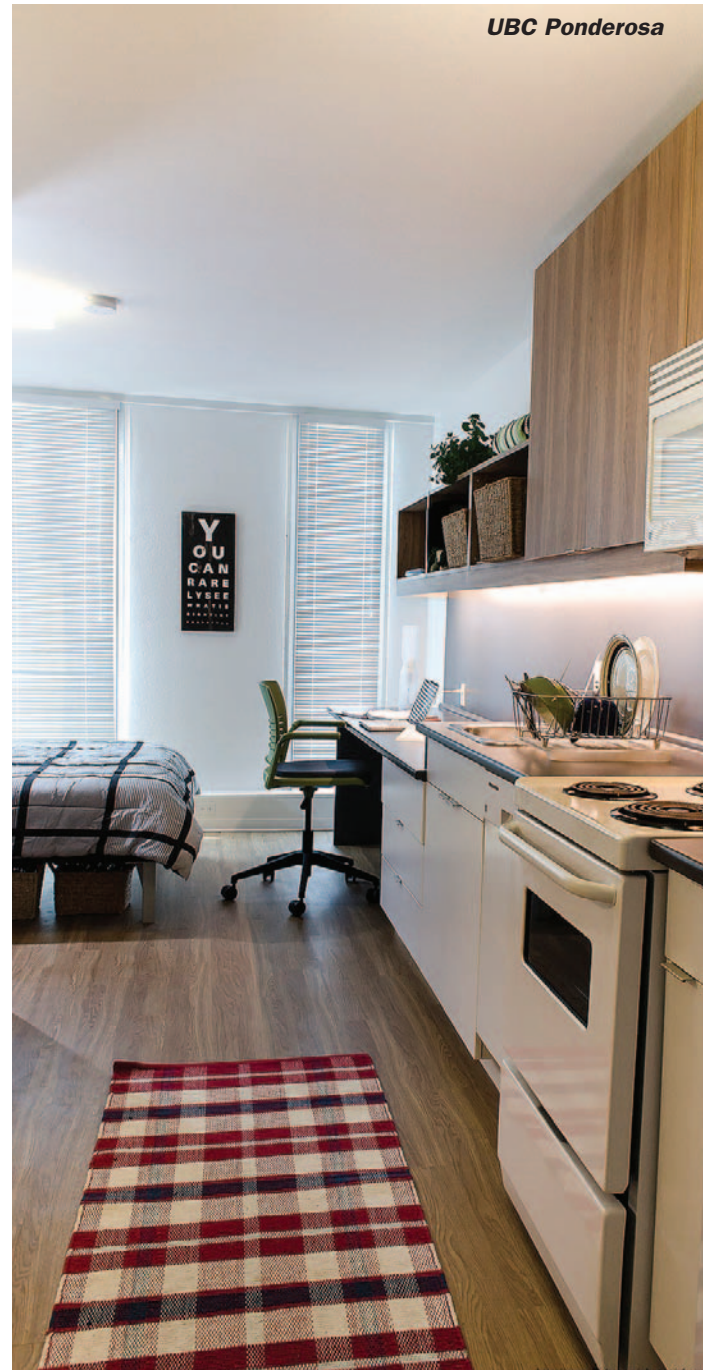
Environmentally responsible, phthalates-free flooring products

Special to Canadian Design and Construction Report

Richmond, B.C. - based Bay Resource Group has been leading the way with environmentally responsible, phthalates-free flooring products for 15 years. Today it supplies residential as well as commercial and institutional markets.

President and CEO Ed Van Oene says Bay Resource has focused on the environment since the beginning. "Dinoflex, another B.C.-based company, has been a leading innovator in the manufacture of recycled rubber products for more than two decades. And we have carried their line since day one."

Dinoflex he says, from its inception, was used primarily in sport applications. In the past 10 years though it has made substantial inroads into retail, architectural offices and high profile corporate venues and can be customized with intricate logos and designs.



Van Oene says Bay Resource evolved by branching into luxury vinyl tile under the Harbinger trademark. The wood and tile-look product line has an extensive range of patterns with glue down, loose lay and click applications.

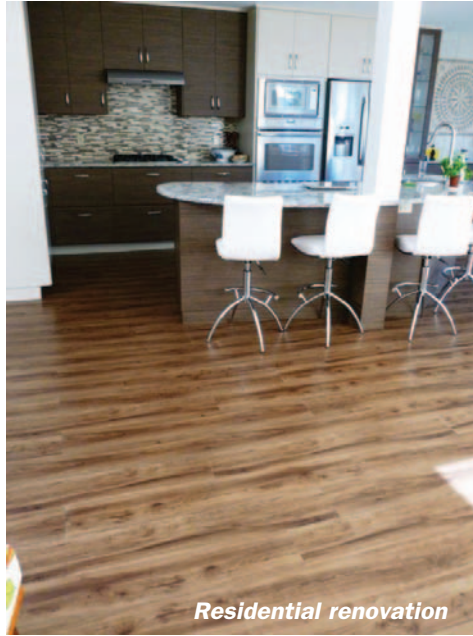
"Both of these product lines supported our initial focus on commercial and institutional work. We provide products

to medical and dental, restaurants, hotels, retail and mass housing such as universities and the Olympic Village," he said, observing that the company also can customize its products in a way many other companies cannot. "We did some work for UBC (University of British Columbia) student housing in which we were able to successfully match new flooring to the cabinet laminate selected by the design team."

About six years ago, Van Oene says the company moved into the residential market where strong demand for affordable, environmentally friendly products created significant growth opportunities.

In fact, Van Oene says every product Bay Resource carries now is LEED Gold compliant. "Phthalates-free is a big catch phrase these days. All of our plastics are bio-based and we have been fully phthalates-free for nine years now."

The biggest challenge in meeting unique residential requirements he says, is ensuring the offering includes the



Residential renovation

diverse styles, patterns and colours the market demands. "We travel to the manufacturing facility regularly to select new films and embossing patterns. We follow trends in the design, hardwood and ceramic industries, as well as the vinyl industry. We have dedicated architect and design representatives to serve the western design industry. The company is structured to be able to react quickly to changing market demands."

For example, the company will launch a new tile format this fall in response to consumer requests for a larger style. Van Oene says Bay Resource Group has spent time patterning and testing and the product is just about ready to go.

In this highly competitive market, Bay Resource Group maintains two separate warehouses fully stocked with inventory, allowing it to meet client orders

faster and more effectively. Bay Resource distributes product throughout western Canada directly and has eastern Canadian distributors as well.

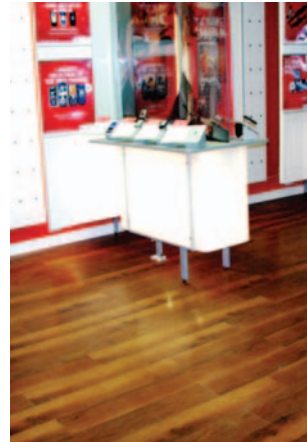
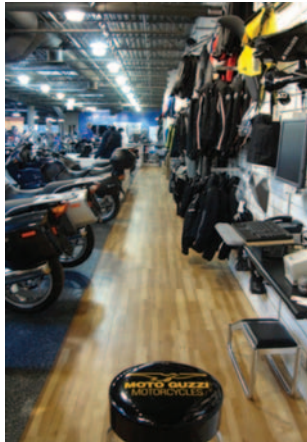
For more information about Bay Resource Group, visit <http://www.bayresourcegroup.ca>.

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Thornhill Mercedes-Benz relocates, expands with energy efficient design



The new 132,000 sq. ft. Thornhill Mercedes-Benz dealership that opened June 22 offers greater display capabilities, improved customer service and an energy-efficient design.

Richard Ziegler Architect designed the building at 228 Steeles Ave. W., while Fieldgate Construction Management Ltd. was the project's general contractor. Steelcon Fabrication Inc. provided steel fabrication and detailing for the relocation and expansion of the corporate dealership that originally opened in 1988.

Two buildings on the 3.2 acre site were demolished in Nov. 2013 to make way for the new structure with three levels, two above-ground and one below. The lower level includes an 18 bay service department and 118 underground inventory parking spots.

Fieldgate senior project manager James Ricchetti says the location and the lower level requirements created significant challenges. "The basement is 20 ft. high. We were removing 100 loads of dirt a day for more than four months to get the site cleared and there was no one (disposal) site that could handle the volume so that meant using different sites and co-ordinating details."

Since the building is tight to all four property lines, he says nothing much else could be done during excavation work given the space and traffic control required.

A news release announcing the project said the new dealership would include "ample space over two floors, incorporating an extensive new and pre-owned vehicle showroom totaling 36,000 sq. ft."

The basement area service bays Ricchetti says were necessary to meet the required showroom and parking spaces. He says LED lighting has been used to make the space bright, sound diffusion technology has been installed and pictures displaying various cars are on display. "When you're down there, it doesn't feel at all like a basement."



A four-ply roof covered with stone will also accommodate parking at the building's rear, with access through a nearby freight elevator.

To handle the unique requirements for material and facility management, including oil and the exhaust generated by the underground cars, Ricchetti says Mercedes brought in its own experienced trades during the project's final months.

The dealership also houses a dedicated AMG Performance Centre and a smart (small car) Centre. An additional 43,000 sq. ft. has been earmarked for the service area, and includes 32 state-of-the-art work bays, six detailing bays as well as a six vehicle drive-through.

The new site also offers significant client parking enhancements compared to the previous location.

The release also noted "the layout of the new facility will follow the Mercedes-Benz proprietary Auto Haus design concept, which promotes "the widespread use of glass to maintain

transparency and create a bright, open concept feeling."

In this, Ricchetti says concessions had to be made. "The original design called for window sizes and thickness that were not cost-effective. We were able to move to four mullions from three and achieved important cost savings."

The new Mercedes-Benz retail corporate identity, which includes black with accents of silver, "reminiscent of the three-pointed star, will replace the

blue colours traditionally seen in Mercedes-Benz stores."

This, Ricchetti says, supports Mercedes interest in a simple building design to better showcase the cars. "The corporate colour design actually changed mid-way through construction, moving away from the old black, white and blue to just black and white."

Energy efficiencies have been built into the design through HVAC systems.

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City View Glass provides aluminum curtain walls and exterior glass for Thornhill Mercedes-Benz

Canadian Design and Construction Report special feature

Kitchener-based City View Glass Inc. has applied its expertise to the successful completion of the new Thornhill Mercedes-Benz dealership.

Established in 2013 and based on two decades worth of industry experience, City View Glass specializes in commercial glass but also lends its proficiency to high-end residential projects.

President Bill Martin says the Thornhill project requirements were fairly straightforward, but extensive. City View Glass provided all of the aluminum curtain wall and glass for the building exterior.

He says the curtain wall was made to custom lengths to span the full 30 ft. height in one piece. "The aluminium framing was then loaded with steel to achieve OBC (Ontario Building Code) required wind loading."

The lower glass on the exterior he says, is a low iron product that allows maximum visibility. Interior work consisted of 19 heavy glass office walls and doors made from floor-to-ceiling glass. Martin says handling the glass and aluminum proved to be the biggest challenge and required a crane and four men to handle the heavy framing.

Noting that the company understands all projects re-



quire teamwork, Martin says employees approach each project with this intent, hoping to achieve best results for the client. "We had to make a couple of adjustments in this case from the original design, such as adding extra vertical mullions to reduce the glass size, which in turn, created cost savings."

Over the past two years City View Glass has completed multiple LA Fitness clubs, several Sobeys and Longo's grocery stores, a Home Depot, Muskoka cottages (custom showers, indoor/outdoor glass railings) and numerous other projects throughout the GTA, Waterloo-Wellington Region and across the province.

He says he is pleased to have been part of the Mercedes-Benz project, one of the company's largest to date. For more information, visit www.cityviewglass.com.

City View Glass is proud to be working with FCML on the Thornhill Mercedes-Benz project.



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Bronnenco Construction overcomes challenges for successful Earls Court Village project in London



Canadian Design and Construction Report special feature

Bronnenco Construction Ltd. has been recognized through the Ontario General Contractors Association (OGCA) Builder Awards for its work on the Earls Court Village project in London.

The awards recognize projects substantially completed between Jan. 1, 2012 and Dec. 15, 2014. Award categories consider project value, type of construction, difficulty, complexity, size and overall project satisfaction.

Sharon Village Care Homes contracted with Bronnenco to be the construction manager for the new, LEED Silver 8,165 sq. m., four-storey long term care facility in the city's northeastern area.

"The sub structure of the building proved most difficult, and despite having only 20 months to complete the project, we were able to meet the owner's (2014) occupancy date," said project manager Justin Nguyen.

The building has a library, chapel, dining spaces, theatre room, hairdressing, therapy rooms and a day program room. It also houses 128 beds for residents, as well as support areas for staff, including offices, medicine and supply rooms, nurse call stations and laundry facilities. Day program space for adults with acquired brain injuries, complete with separate access, is also included.

Nguyen says the new facility provides homes to vulnerable seniors, enriching their lives, regardless of their age or disabilities, with all the comforts and amenities of home.



He said the building's location created challenges. "The building footprint is 1,886 sq. m. and sits on a total site area of 9,901 sq. m. The site is bordered on the south and north by residential houses and to the west by Highbury Ave., which is one of London's main roads."

He says there is a significant change in grade along Highbury Ave., dropping more than seven meters from the high point at the south to the low point at the north. Within the site itself, the major grade difference he said, occurred along a slope running diagonally from the southwest corner to the northeast corner; with the upper elevation up to nine meters above the base.

"Due to extensive topographic changes, the available site area consists of an elongated triangular parcel extending east from Highbury Ave. between the bottom of the slope running along the south side of the site and the slope created along the north."

He said because of this, the staging area and parking were very limited. To accommodate parking for the trade contractors a temporary parking lot had to be created at the top of the hill at Jensen Rd. "There was no parking permitted on site except for one vehicle from each trade contractor firm. Trades were responsible to shuttle manpower and tools to the job site or walk down the hill via the path and temporary stairs created."

In addition "the existing fill, topsoil, peat, marl and soft clay was not suitable to support the proposed building foundations and floor slabs due to the low strength and high organic content in the material," Nguyen said.

To solve this problem and support the building, 308 steel pipe piles, 250 mm in diameter were driven to depths ranging from 4 m to 10 m below the underside of the con-

crete grade beam elevation. Once driven to the required depths, Nguyen says these piles were filled with 30mpa concrete. "The last steel pile was driven 2.5 months after the trade contractor mobilized onto site."

He says additionally, due to the decomposition of fill material and organic matter in the peat and marl deposits, there were methane gas concentrations. "The design of the building foundation included a combination of pile caps and grade beams. The use of this foundation resulted in the area beneath the building being divided into individual cells, which would be isolated from each other and allow for gases to accumulate beneath the structural slab."

Nguyen says it is an honour to win the OGCA award. "It brings satisfaction to Bronnenco knowing that we completed a project that is highly recognized by our peers within the construction industry."



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Congratulations Bronnenco!

3003 PAGE STREET, LONDON, ONTARIO N5V 4J1
519-652-2104 www.johnaartsgroup.com asantos@j-aar.com

Smith-Peat Roofing and Sheet Metal Ltd. applies experience and expertise to Earls Court Village project



Canadian Design and Construction Report special feature

Exeter-based Smith-Peat Roofing and Sheet Metal Ltd. has applied its experience and expertise to the Earls Court Village project in London.

In business since 1972, Smith-Peat has always been focused on the institutional, commercial, industrial and education sectors. This, says president Robert Watson, allows Smith-Peat to become true project partners. "We are able to work with the project team to ensure the best roofing solution and best design to meet conditions including our climate, as well as the client's long-term goals."

The Earls court project required a durable and long-lasting roof – and a green roof needed to be incorporated into the design. That, says Watson, required more advance prep work to accommodate the complex soil and drainage layers.

To meet the durability requirement, Smith-Peat used a two-ply, two-part modified bitumen membrane. Watson says his crew applied a base sheet on top of the steel deck, and then waited until all other trades completed their

work on the roof, before applying the cap sheet. "Once the other trades are done we can identify and repair any issues or deficiencies, and then topping it with the final layer after ensures a reasonably untouched, issue-free final product."

The roofing system also had to meet the challenge of being installed during extreme cold after the schedule had to be pushed back from its original September timeline.

Watson says Smith-Peat's experience allowed the company to meet all of these challenges head on. "There is a lot more detail involved in this kind of work, more so than say an industrial building. There are specific needs to incorporate a condensed site."

He says his company has been working with Bronnenco since the 1970s and as is typical on one of their projects, everything went smoothly. "From the tight communication with the site project manager around trucks and deliveries to how all of the pieces fell together, Bronnenco is a class act and always a pleasure to work with."

Smith-Peat Roofing primarily focuses on projects in the London to Stratford and southwestern Ontario corridor.

Smith-Peat

Roofing and Sheet Metal Ltd.



We are proud to be associated with the
Earls Court Village project

152 THAMES ROAD. W., EXETER, ONT. NOM 1S3
TEL: (519) 235-2802 FAX (519) 235-1532

Dodge upcoming project reports

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ALBERTA

ITEM: Mechanical Renovation (Bishop Grandin High School) 08-2015CM
111 Haddon Road SW
CALGARY, AB T2V 2Y2 CAN
AB(DIVISION 06)
201500491253 v4
Action stage: Start
Bid date: 04/17/2015 @ 11:00 AM MDT
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build
Target start date: 06/01/2015
Target complete date: 08/01/2015
Owner type: State
Project Overview
Project type: Middle/Senior High School.
Report type: ITEM Only
Sub project count: 0
First publish date: 04/09/2015
Prior publish date: 04/15/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Concrete Block Masonry. Mechanical Work.
Item Category: MASONRY/CONCRETE. PLUMBING/FIRE PROTECTION.
Status: Contract Awarded - Work to begin within 30 days - Bid April 17
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
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: MPE Engineering Ltd.
Michael Bauer
Suite 320, 6715 ? 8 Street N.E Calgary
AB, T1Y 5Z6
Phone:403-250-1362 Fax:403-250-1518
E-mail: calgary@mpe.ca,
http://www.mpe.ca/
Company Name : MPE Engineering Ltd.
Internet Addr : http://www.mpe.ca/
General Contractor: Modern Niagara Alberta Inc
105-3510 29 Street NE CALGARY
AB, T1Y 4T3
Phone:403-230-3225
http://website.modernniagara.com/MNalberta/
Internet Addr : http://website.modernniagara.com/MNalberta/
Owner (Public): Calgary Catholic School District #1
Grant MacDonald

(Assistant Director
100 - 5th Avenue SW 10th Floor CALGARY
AB, T2P 4T9
Phone:403-500-2802 Fax:403-500-2927
E-mail: grant.macdonald@cssd.ab.ca,
http://www.cssd.ab.ca/
Email ID : grant.macdonald@cssd.ab.ca
Internet Addr : http://www.cssd.ab.ca/
Owner's Agent (Public): Calgary Catholic School District #1
Susana Cociuba
100 - 5th Avenue SW 10th Floor CALGARY
AB, T2P 4T9
Phone:403-500-2000 Fax:403-500-2927
E-mail: susana.cociuba@cssd.ab.ca,
http://www.cssd.ab.ca/
Company Name : Calgary Catholic School District #1 Email ID : susana.cociuba@cssd.ab.ca Internet Addr : http://www.cssd.ab.ca/
Notes: DEWB17
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
Plans available from: Consultant
Items: .1 After demolition of existing finishes, etc., prepare surfaces for the new finishes. Include all work Mechanical Renovations - Bishop Grandin High School - Where existing walls or other existing construction is removed, patch and fill in existing substrates such as floors, walls and ceilings which are to remain. .3 Patch and make good existing concrete block walls which are saw cut to accommodate new conduit, piping and other mechanical and electrical items, to maintain fire and acoustic ratings of walls. .4 Patch and make good damaged existing concrete block surfaces as required prior to painting.

Winagami Lake Water System Upgrades
15NWWIN402
Winagami Lake Provincial Park
SLAVE LAKE, AB CAN
AB(DIVISION 17)
201400623748 v10
Action stage: Bid Results
Bid date: 10/21/2014 @ 02:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 10/01/2014
Owner type: State
Project Overview
Project type: Park/Playground. Water Line.
Report type: Project
Sub project count: 0
First publish date: 08/27/2014
Prior publish date: 03/12/2015
Publisher: Dodge Data & Analytics

Type of Work: Alterations
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids October 21
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
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 Parks, Conservation, Recreation & Sport
Robert McGhee
9820 - 106 Street 2nd Floor, Oxbridge Place Edmonton
AB, T5K 2J6
Phone:780-427-7308 Fax:780-427-1178
E-mail: tom.vanhemert@gov.ab.ca
Company Name : Alberta Parks, Conservation, Recreation & Sport
Email ID : tom.vanhemert@gov.ab.ca
Owner (Public): Alberta Parks, Conservation, Recreation & Sport
Robert McGhee
9820 - 106 Street 2nd Floor, Oxbridge Place Edmonton
AB, T5K 2J6
Phone:780-427-7308 Fax:780-427-1178
E-mail: tom.vanhemert@gov.ab.ca
Company Name : Alberta Parks, Conservation, Recreation & Sport
Email ID : tom.vanhemert@gov.ab.ca
Notes: DEWB86 - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public)
Additional features: Upgrade Water System at Winagami Lake Provincial Park. Sanitary Main Realignment 20150505

From Main St N, To Broadway Court
Lift Statio
REDCLIFF, AB CAN
AB(DIVISION 01)
201500519785 v2
Action stage: Bidding
Bid date: 05/19/2015 @ 02:00 PM MDT
Valuation: G (750K to <1M)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2005
Owner type: Local Government
Project Overview
Project type: Sanitary Sewer.
Report type: Project
Sub project count: 0
First publish date: 05/07/2015

Prior publish date: 05/07/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bid date extended from May 18 - Bids to Owner May 19 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
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: Town of Redcliff
Khalil Minhas
(Mgr Engineering
1 - 3rd Street NE Box 40 REDCLIFF
AB, T0J 2P0
Phone:403-548-9266 Fax:403-548-6623
E-mail: khalilm@town.redcliff.ab.ca,
http://www.town.redcliff.ab.ca/
Email ID : khalilm@town.redcliff.ab.ca
Owner (Public): Town of Redcliff
Khalil Minhas
(Mgr Engineering
1 - 3rd Street NE Box 40 REDCLIFF
AB, T0J 2P0
Phone:403-548-9266 Fax:403-548-6623
E-mail: khalilm@town.redcliff.ab.ca,
http://www.town.redcliff.ab.ca/
Email ID : khalilm@town.redcliff.ab.ca
Notes: DEWB82 Pre-Bid Meeting May 13 at 10:00 AM (MDT) at the Town of Redcliff engineering office (or SITE).
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: Sanitary Main Realignment from Main St N to Broadway Court Lift Station by open cut or directional drilling with all associated appurtenances. Gravel laneway construction, concrete swale and other incidental items. Sanitary Main Diversion on Main St & 6th Ave SE Supply and Installation of 450mm dia. PVC SDR 35, Manhole, Sub Base and Base Course and Asphalt works. Bypass pumping of sewage during construction and other incidental items

Concrete Panel Bridge Replacement - Other Work 77533
Prairie Creek, Range Road 390, SE 3-39-7-5
CLEARWATER COUNTY, AB CAN
AB(DIVISION 09)
201500514802 v2
Action stage: Bidding
Bid date: 05/19/2015 @ 02:00 PM MDT

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Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 06/01/2015
Owner type: Local Government
Project Overview
Project type: Bridge.
Report type: Project
Sub project count: 0
First publish date: 05/04/2015
Prior publish date: 05/04/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Engineer May 19 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
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: Genivar Consultants LP - WSP Group
Ming Jiao
(Bridge Engineer)
7710 Edgar Industrial Court Red Deer AB, T4P 4E2
Phone: 403-314-2765 Fax: 403-342-7691
E-mail: ming.jiao@genivar.com, http://www.genivar.com/
Email ID : ming.jiao@genivar.com
Owner (Public): Clearwater County
4340 - 47 Avenue Box 550 ROCKY MOUNTAIN HOUSE AB, T4T 1A4
Phone: 403-845-4444 Fax: 403-845-7330
E-mail: admin@county.clearwater.ab.ca, http://www.county.clearwater.ab.ca/
Notes: DEWB82
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: Bridge File 77533, Prairie Creek, Range Road 390, SE 3-39-7-5, 45 m Steel Girder with Precast Concrete Panel Bridge, Bridge Replacement and Other Work

Home Economics Renovation 2212015
3615 Radcliffe Drive SE
CALGARY, AB T2A 6C2 CAN
AB(DIVISION 06)
201500523697 v2
Action stage: GC Bidding
Bid date: 05/19/2015 @ 02:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2015

Owner type: State
Project Overview
Project type: Middle/Senior High School.
Report type: Project
Sub project count: 0
First publish date: 05/12/2015
Prior publish date: 05/12/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bidders on GC - GC bids to Owner May 19 at 2:00 PM (MDT)
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: The Leblond Partnership
Greg Beck
(Project Architect)
200-1000-9th. Ave. S.W. Calgary AB, T2P 2Y6
Phone: 403-262-8511 Fax: 403-237-6329
E-mail: mailbox@leblondpartnership.com
Consultant: Alberta Purchasing Connection
P.O. Box 1333 EDMONTON AB, T5J 2N2
Phone: 780-644-5726
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca
Owner (Public): Calgary Catholic School District #1
Grant MacDonald
(Assistant Director)
100 - 5th Avenue SW 10th Floor CALGARY AB, T2P 4T9
Phone: 403-500-2802 Fax: 403-500-2927
E-mail: grant.macdonald@cssd.ab.ca, http://www.cssd.ab.ca/
Email ID : grant.macdonald@cssd.ab.ca
Internet Addr : http://www.cssd.ab.ca/
Notes: DEWB73 - Pre-Bid Meeting May 12 at 11:00 AM (MDT) Father Lacombe High School (3615 Radcliffe Drive SE - Calgary - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network
Bonds: 10% Bid Bond.
Plans available from: Architect
Additional features: Calgary Catholic School District is inviting bids for Home Economic renovations at Father Lacombe High School
Bidders List
Bidders on GC
Carbon Constructors Inc.
Stephen Gimenez
7725 46 Street SE , Calgary, AB T2C 2Y5 (DIVISION 06)
Phone: 403-203-4900

Fax: 403-203-2229
Email: stephen.g@carbonconstructors.com
Kamex Construction Ltd
111 2060 Pegasus Rd NE , CALGARY, AB T2E 8G8 (DIVISION 06)
Phone: 403-291-1411
Fax: 403-291-1412
Sanket Construction Management Inc.
Dashrath Chaudhari
26 Val Gardena View, SW , CALGARY, AB T3H5Z5 (DIVISION 06)
Phone: 403-389-8180
Fax: 403-770-8771
Vectus Inc.
1723 10A St SW , CALGARY, AB T2T 3J9 (DIVISION 06)
Website: http://www.vectus.ca/
Phone: 403-806-0898
Fax: 403-802-0898
Email: info@vectus.ca

ATLANTIC

Water Treatment System Upgrading
MA9204
Site not specified
RIVERHEAD, NF CAN
NF(DIVISION 01)
201500514813 v5
Action stage: GC Bidding
Bid date: 05/19/2015 @ 02:00 PM ADT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 06/01/2015
Owner type: State
Project Overview
Project type: Water Treatment Plant.
Report type: Project
Sub project count: 0
First publish date: 05/04/2015
Prior publish date: 05/06/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC Bids to Owner's agent May 19 at 2:00 PM (ADT)
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)
Architect: Meridian Engineering Inc
Stephen Locke
10 Thompson St CLARENVILLE NF, A5A 1Y9
Owner (Public): Town of Reverhead
P.O Box 14 ST MARY'S NF, AOB 3A0 (CAN)
Owner's Agent (Public): Department of Municipal & Provincial Affairs
Tendering & Contracts
(Deputy Minister
Confederation Bldg, East Block P O Box

8700 ST JOHNS
NF, A1B 4J6
Phone: 709-729-3786 Fax: 709-729-6729
E-mail: Tenders@gov.nl.ca, http://www.gov.nf.ca
Notes: DEWB82
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
Plans available from: Owner (Public)
Additional features: Water Treatment System Upgrading, Town of Riverhead, NL

Student Union Building Renovation - Expansion 2015026
6136 University Avenue
HALIFAX, NS B3H 4J2 CAN
NS(HALIFAX)
201500491228 v5
Action stage: Bid Results
Bid date: ASAP
Valuation: G (750K to <1M)
Project delivery system: Design-Bid-Build
Target start date: 05/01/2015
Target complete date: 09/01/2015
Owner type: State
Project Overview
Project type: College/University. Social Club.
Report type: Project
Sub project count: 0
First publish date: 04/09/2015
Prior publish date: 05/08/2015
Publisher: Dodge Data & Analytics
Type of Work: Additions, Alterations
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids May 7
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Lydon Lynch Associates Ltd
Reception
1672 Barrington St 4th Fl HALIFAX NB, B3J 2A2
Phone: 902-422-1446 Fax: 902-422-1449
E-mail: office@lydonlyncharchitects.com, http://www.lydonlynch.ca/
Electrical Engineer: M & R (formerly Maricor Group/Morris & Richard)
P.F.Healy
(Engineer
5531 Cornwallis St HALIFAX NB, B3K 1B3
Phone: 902-422-7393 Fax: 902-423-4945
E-mail: d.young@maricore.ca, http://www.mreng.ca
Mechanical Engineer: M & R (formerly Maricor Group/Morris & Richard)
R.J.Rout

Dodge upcoming project reports

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(P)Engineer
5531 Cornwallis St HALIFAX
NB, B3K 1B3
Phone:902-422-7393 Fax:902-423-4945
E-mail: d.young@maricore.ca,
http://www.mreng.ca
Owner (Public): Dalhousie University
Procurement Department
(Department
1360 Barrinton Street Building B -
Room B225 Halifax
NB, B3H RR2
Phone:902-494-2211 Fax:902-494-2319
E-mail: public.relations@dal.ca,
http://www.dal.ca/
Internet Addr : http://www.dal.ca/
Structural Engineer: Campbell-Comeau
Engineering Ltd
Michel Comeau
(Engineer
1657 Bedford Row PO Box 1028
HALIFAX NB, B3J 2X1
Phone:902-429-5454 Fax:902-429-5457
Notes: DEWB82 Site visit on April 10 at
11:00 a.m. (ADT) at the Student Union
Building, 6136 University Avenue, Hali-
fax, NS - Additional Site Visits on
Wednesday, April 15 at 11:00 am (ADT)
& on Monday, April 20 at 11:00 am
(ADT) -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
Addenda film date: 05/08/2015
Addenda receive date: AY/-2/08-M
Additional features: The project involves
the renovation and expansion of the ex-
isting Student Union Building at Dal-
housie University to provide more green
common areas, a new Student Union
Chambers, open plan offices and a new
Grawood. The new sustainably design
will be naturally daylight featuring green
walls and common spaces for dining, so-
cializing and school work. Only specific
portions of the existing building are
being renovated and only these areas re-
quire Hazmat remediation. The majority
of the existing building is not being reno-
vated as part of this Project
Bidders List
Bidders on GC
Pomerleau (Atlantic Canada)
10 Morris Drive Unit 37 , Dartmouth,
NS B3B 1K8 (HALIFAX)
Website: http://www.pomerleau.ca/
Phone: 902-468-3669
Fax: 902-468-3049
Email: info@pomerleau.ca

*RFP/DB: Water Supply Tank - Plant
Upgrading (Design/Build) MA9192
Site undisclosed
HERMITAGE-SANDYVILLE, NF

CAN
NF(DIVISION 04)
201500503534 v3
Action stage: GC Bidding, Pre-Design
Bid date: 05/21/2015 @ 02:00 AM ADT
Valuation: H (1M to <3M)
Project delivery system: Design/Build
Owner type: Local Government
Project Overview
Project type: Water Treatment Plant.
Report type: Project
Sub project count: 0
First publish date: 04/22/2015
Prior publish date: 04/23/2015
Publisher: Dodge Data & Analytics
Type of Work: New Project
Status: Proposal date extended from May
12 - Owner's Agent requests proposals
for Design/Build firms by May 21 at
2:00 PM (NDT)
Status project delivery
system: Design/Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner's Agent (Pu)
Civil Engineer: BEA - Newplan group
Limited
2 Herald Avenue suite 207 CORNER
BROOK
NF, A2H 4B5
Phone:709-634-2700 Fax:709-634-2704
Consulting Engineer: BEA - Newplan
group Limited
2 Herald Avenue suite 207 CORNER
BROOK
NF, A2H 4B5
Phone:709-634-2700 Fax:709-634-2704
Owner's Agent (Public): Department of
Municipal & Provincial Affairs
Stephen Slaney
(Tendering/Contracts
East Block Confederation Bldg, P.O.
Box 8700 ST JOHNS
NF, A1B 4J6
Phone:709-729-3925 Fax:709-729-6729
E-mail: stephenslaney@gov.nl.ca,
http://www.gov.nf.ca
Email ID : Stephenslaney@gov.nl.ca In-
ternet Addr : www.gov.nf.ca
Notes: DEWB30
*Plans available from: *Owner's Agent
(Pu)
Addenda film date: 04/28/2015
Addenda receive date: AY/-2/11-M

Baddeck Academy Building Alterations
and Reno - Phase 3C 09323C
320 Shore Road
BADDECK, NS B0E 1B0 CAN
NS(VICTORIA)
201500518213 v5
Action stage: GC Bidding
Bid date: 05/19/2015 @ 02:00 PM ADT
Valuation: F (500K to <750K)

Project delivery system: Design-Bid-
Build
Target start date: 06/01/2015
Target complete date: 08/01/2015
Owner type: State
Project Overview
Project type: Middle/Senior High
School.
Report type: Project
Sub project count: 0
First publish date: 05/06/2015
Prior publish date: 05/12/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC Bids to Architect May 19 at
2:00 PM (ADT) - Construction start in
June - Substantial Completion by August
21
Status project delivery
system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Architect
Architect: Trifos Design Consultants
Daniel McGean
(Architect
7 Cromarty Street Sydney
NB, B1P 6J7
Phone:902-539-8079 Fax:902-539-1336
E-mail: daniel@trifos.com,
http://www.trifos.com
Internet Addr : http://www.trifos.com
Electrical Engineer: F.C. O'Neill Scriven
& Associates Ltd
Craig Bona
(P. Eng.
341 Townsend Street Sydney
NB, B1P 5G1
Phone:902-562-8090 Fax:902-562-6621
E-mail: davep@onsa.ca
Mechanical Engineer: F.C. O'Neill
Scriven & Associates Ltd
David Parkinson
(P. Eng., VP
341 Townsend Street Sydney
NB, B1P 5G1
Phone:902-562-8090 Fax:902-562-6621
E-mail: davep@onsa.ca
Owner (Public): Cape Breton-Victoria
Regional School Board
999 Gabarus Highway PRIME BROOK
NB, B1L 1E5
E-mail: dbman@staff.ednet.ns.ca,
http://www.cbv.ns.ca/Personnel/siteCon-
tact.php
Internet Addr : http://www.cbv.ns.ca/Per-
sonnel/siteContact.php
Structural Engineer: exp Services Inc.
Stephen Hooper
(Sr. Structural Eng.
301 Alexandra Street - Suite A
SYDNEY
NB, B1S 2E8

Phone:902-562-2394
Notes: DEWB73 - A pre-bid site meeting
May 5 at 3:30 PM (ADT) at Baddeck
Academy. Meeting attendees are asked to
register at the main office of the School -
Deadline for all questions/inquiries must
be made no later than: 12:00 PM MAY
11 - The list of Prospective bidders is not
available from regular sources - if you
are GC bidding on this project please call
-1-888-836-6623
Plans available from: Architect - US\$
200 deposit, refundable
Additional features: The proposed con-
struction/renovation works for Phase 3C
Alterations and Renovations consists
ofdemolition, new architectural works,
new structural works, mechanical and
electrical works, specialtyfittings and fin-
ishes, and all associated work, as indi-
cated by the Tender Drawings and
Specifications.The proposed Phase 3C
construction work consists of building-
envelope alterations; interiormodifica-
tions; and structural, mechanical and
electrical upgrades to the existing Ele-
mentary SchoolWing (Building A), all
for the Baddeck Academy Building lo-
cated at 320 Shore Road, Baddeck, Nova
Scotia. Time shall be of the essence in
execution of the work. The building al-
terations and renovations will becom-
pleted during school summer break of
2015. Time is of the essence. The School
will be closed from the endof June, 2015,
until the end of August, 2015. Thesecond
floor of Building A will be made avail-
able to theGeneral Contractor on June 1,
2015. The building is tobe reoccupied
and operational on or before August
25,2015.

Memorial University of NF Science
Building Renovation SN16514
230 Elizabeth Ave
ST JOHN'S, NF A1B 3X9 CAN
NF(DIVISION 01)
201500495420 v7
Action stage: GC Bidding
Bid date: 05/19/2015 @ 03:00 PM ADT
Valuation: H (1M to <3M)
Project delivery system: Design-Bid-
Build
Target start date: 05/01/2015
Owner type: State
Project Overview
Project type: College/University.
Report type: Project
Sub project count: 0
First publish date: 04/14/2015
Prior publish date: 05/14/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: GC Bids to Owner May 19 at

Dodge upcoming project reports

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3:00 PM (NDT)
Status project delivery
system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Memorial University of Newfoundland
Tendering Section
(Procurement Officer)
Phelan Road (Room FM2031 Memorial U SAINT JOHN'S
NF, A1C 5S7
Phone: 709-864-4479 Fax: 709-737-2339
E-mail: dpike@grenfell.mun.ca,
http://www.mun.ca
Internet Addr : http://www.mun.ca
Owner (Public): Memorial University of Newfoundland
Tendering Section
(Procurement Officer)
Phelan Road (Room FM2031 Memorial U SAINT JOHN'S
NF, A1C 5S7
Phone: 709-864-4479 Fax: 709-737-2339
E-mail: dpike@grenfell.mun.ca,
http://www.mun.ca
Internet Addr : http://www.mun.ca
Notes: DEWB73 Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public) - US\$ 25 deposit. +HST/ non-refundable
Additional features: This project generally consists of demolition, asbestos abatement and new construction including associated architectural, furniture, electrical and plumbing work.

BRITISH COLUMBIA

William Head Institution Upgrade
EZ899150573A
6000 William Head Road
METCHOSIN, BC V9C CAN
BC(CAPITAL)
201400604697 v9
Action stage: Bid Results
Bid date: 08/14/2014 @ 02:00 PM PDT
Valuation: \$280,000 - 320,000
Project delivery system: Design-Bid-Build
Target start date: 12/01/2014
Owner type: Federal
Project Overview
Project type: Prison/Jail.
Report type: Project
Sub project count: 0
First publish date: 08/07/2014

Prior publish date: 03/25/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bid result not yet declared - Further action pending owner's decision to proceed - Bid August 14
Status project delivery
system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Public Works & Government Services Canada
Patty Liu (PWY)
(Tender Contact
800 Burrard Street 12th Floor VAN-COUBER
BC, V6Z 2V8
Phone: 604-775-6227 Fax: 604-775-6633
E-mail: questions@pwgsc.gc.ca,
http://www.tpsgc-pwgsc.gc.ca
Owner (Public): Public Works & Government Services Canada
Patty Liu (PWY)
(Tender Contact
800 Burrard Street 12th Floor VAN-COUBER
BC, V6Z 2V8
Phone: 604-775-6227 Fax: 604-775-6633
E-mail: questions@pwgsc.gc.ca,
http://www.tpsgc-pwgsc.gc.ca
Notes: DEWB86 - site visit July 31 at 10:30 AM (PDT) at the William Head Institution Principal Entrance Boardroom located at 6000 William Head Road in Metchosin - BC - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public)
Additional features: Work under this Contract comprises renovations at the Principal Entrance at William Head Institution, including minor architectural modifications and demolition at interior, addition of a rolling shutter; new mill-work, new sheet vinyl at room 102, new acoustical tiles at rooms 100 and 102, relocate x-ray scanner, decommission, modify and reactivate security systems; vestibule at Main Entrance; touch-up painting of cell walls and ceilings where affected by renovation work. Electrical work includes the relocation of an x-ray scanner, a new security control console, new four-post security electronics racks, relocation of security electronics equipment, relocation of radio cavities, commissioning of security electronics systems, grounding of a telecom room,

relocation of a UPS and other electrical work

Wildlife Compensation Wetland Upgrades PR305163
Healy Street
QUESNEL, BC CAN
BC(CARIBOO)
201400629359 v8
Action stage: Bid Results
Bid date: 09/10/2014 @ 02:00 PM PDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 12/01/2014
Owner type: Local Government
Project Overview
Project type: Site Development. Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 09/03/2014
Prior publish date: 03/12/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bid result not yet declared - Further action pending owner's decision to proceed - Bid September 10
Status project delivery
system: Design-Bid-Build
Publish date: 05/15/2015
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: Urban Systems Ltd
Mark Hall
(Project Admin.
286 Saint Paul Street Suite 200 KAM-LOOPS
BC, V2C 6G4
Phone: 250-374-8311 Ext: 7229 Fax: 250-374-5334
E-mail: mhall@urban-systems.com,
http://www.urbansystems.ca/
Owner (Public): City of Quesnel
Ken Coombs
(Deputy Superintendent.
410 Kinchant Street Quesnel
BC, V2J 7J5
Phone: 250-992-6330 Fax: 250-992-5107
E-mail: kcoombs@city.quesnel.bc.ca,
http://www.city.quesnel.bc.ca/
Notes: DEWB86 Site meeting on September 4 at 1:00 PM (PDT) at the end of

the Healy Street -
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
Plans available from: Consultant
Additional features: Construction of a wildlife compensation wetland including:- bulk excavation, topsoil placement.- installation of a pond liner.- installation of a pond fill station.- hydroseeding.
Bidders List
Bidders
Northern BC Construction Association
3851 - 18 Avenue , Prince George, BC V2N 1B1 (FRASER-FORT GEORGE)
Phone: 250-563-1744
Fax: 250-563-1107
AWA Asphalt Ltd
Clayton Hoban
2501-48th Avenue , VERNON, BC V1T 3P9 (NORTH OKANAGAN)
Website: http://www.hobangroup.com
Phone: 250-558-1809
Fax: 250-558-1829
Email: info@hobanequipment.com
Nahanni Construction Ltd.
Dean Price
7840 Hwy. 16 W. , PRINCE GEORGE, BC V2N 6N6 (FRASER-FORT GEORGE)
Phone: 250-961-3596
Fax: 250-964-1489
Email: Nahanni@telus.net
Twin Rivers Developments 1981 Ltd
2779 Ridgeview Drive , Prince George, BC V2K 4A3 (FRASER-FORT GEORGE)
Phone: 604-962-6657
Fax: 604-962-9600
Titan Environmental Containment
Russell Jackson
4078 STATE ROUTE 96 , MANCHES-TER, NY 14504 (ONTARIO)
Phone: 204-878-3955
Email: russell@titanenviro.ca

Lakeview Cemetery Expansion
2015TENDER07
171 Main Street
PENTICTON, BC V2A 5A9 CAN
BC(OKANAGAN-SIMILKAMEEN)
201500510091 v3
Action stage: GC Bidding
Bid date: 05/19/2015 @ 03:00 PM PDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 07/01/2015
Owner type: State
Project Overview
Project type: Capitol/ Courthouse/City Hall.
Report type: Project
Sub project count: 0

Dodge upcoming project reports

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First publish date: 04/29/2015
 Prior publish date: 05/01/2015
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: GC Bids to Owner May 19 at 3:00 PM (PDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 05/15/2015
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Architect: Golder & Associates
 Glen Rutherford
 (P Eng
 1889 Springfield Road Kelowna BC, V1Y 5V5
 Phone:250-806-8424
 Engineer: City of Penticton
 John Penrice
 (Parks Supervisor
 616 Okanagan Avenue East PENTICTON
 BC, V2A 3K6
 Phone:250-490-2455 Fax:250-490-2457
 E-mail: john.penrice@penticton.ca, http://www.penticton.ca/
 Owner (Public): City of Penticton
 Len Robson
 171 Main Street City Hall PENTICTON BC, V2A 5A9
 Phone:250-490-2522 Fax:250-490-2502
 E-mail: len.robson@penticton.ca, http://www.penticton.ca/EN/main/business/tenders-
 Company Name : City of Penticton Internet Addr : http://www.penticton.ca/EN/main/business/tenders-
 Notes: DEWB82 - Pre Bid Meeting May 1 at 9:00 AM (PDT) at Ctte Room A, City Hall, 171 Main Street - Penticton - BC - 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)
 Construction Document Links: Lakeview Cemetery Expansion
 Additional features: Lakeview Cemetery Expansion

 Pavement Rehabilitation 328921

Various Locations
 COQUITLAM, BC CAN
 BC(GREATER VANCOUVER)
 201500511991 v3

Action stage: Bid Results
 Bid date: 05/13/2015 @ 02:00 PM PDT
 Valuation: H (1M to <3M)
 Project delivery system: Design-Bid-Build
 Target start date: 06/01/2015
 Owner type: Local Government
 Project Overview

Project type: Paving.
 Report type: Project
 Sub project count: 0
 First publish date: 04/30/2015
 Prior publish date: 05/11/2015
 Publisher: Dodge Data & Analytics
 Type of Work: Alterations
 Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids May 13
 Status project delivery system: Design-Bid-Build
 Publish date: 05/15/2015
 Key Contacts and Bid Documents
 Submit bids to: Engineer
 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: R. F. Binnie and Associates Ltd.
 Reception
 205 - 4946 Canada Way Burnaby BC, V5G 4H7
 Phone:604-420-1721 Fax:604-420-4743
 http://binnie.com/
 Owner (Public): City of Coquitlam
 D.Trudeau
 3000 Guildford Way COQUITLAM BC, V3B 7N2
 Phone:604-927-3530 Fax:604-927-3535
 E-mail: bid@coquitlam.ca, http://www.coquitlam.ca
 Internet Addr : http://www.coquitlam.ca
 Notes: DEWB82 - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
 Bonds: 10% Bid Bond.
 Plans available from: Consultant
 Additional features: Pavement Rehabilitation Program ? Inlet Street, Ozada Avenue, Gabriola Drive and Harwood Avenue - Asphalt Milling - 16,720 sq m - Asphalt Paving - 3,300 sq m

 ITEM: Domestic Hot Water Retrofit

(Rutland Arena) T15-042
 645 Dodd Road
 KELOWNA, BC V1X 2X3 CAN
 BC(CENTRAL OKANAGAN)
 201500521270 v3
 Action stage: Bidding
 Bid date: 05/19/2015 @ 03:00 PM PDT
 Valuation: C (200K to <300K)
 Project delivery system: Design-Bid-Build

Owner type: Local Government
 Project Overview
 Project type: Indoor Arena.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 05/08/2015
 Prior publish date: 05/12/2015
 Publisher: Dodge Data & Analytics
 Type of Item: ALTERATION.
 Item Code: Heaters-Water.Domestic.
 Heating Sys. Mechanical Work.
 Item Category: PLUMBING/FIRE PROTECTION. HVAC/DUCTWORK. PLUMBING/FIRE PROTECTION.
 Status: Bids to Owner May 19 at 3:00 PM (PDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 05/15/2015
 Key Contacts and Bid Documents
 Submit bids to: Owner (Public)
 Engineer: Rocky Point Engineering Ltd.
 200 - 595 KLO Rd KELOWNA BC, V1Y 8E7
 Phone:250-769-3370
 E-mail: info@rpeng.ca, http://www.rockypointengineering.com/
 Owner (Public): City of Kelowna
 City Clerk's Office
 (City Clerk
 1435 Water Street KELOWNA BC, V1Y 1J4
 Phone:250-862-3339 Fax:250-862-3392
 E-mail: cityclerk@kelowna.ca, http://www.kelowna.ca/
 Email ID : cityclerk@kelowna.ca Internet Addr : http://www.kelowna.ca/
 Owner's Agent (Public): City of Kelowna
 Ryan Chernoff
 (Senior Buyer
 1435 Water Street KELOWNA BC, V1Y 1J4
 Phone:250-862-3339 Fax:250-862-3392
 E-mail: purchasing@kelowna.ca, http://www.kelowna.ca/iBidOps/scripts/b0001.cfm?ty
 Email ID : purchasing@kelowna.ca Internet Addr : http://www.kelowna.ca/iBidOps/scripts/b0001.cfm?ty
 Notes: DEWB73 Site Meeting May 12 at 10:00 AM (PDT) at Rutland Arena Main Entrance - 645 Dodd Road -Kelowna - BC - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
 Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.
 Plans available from: Owner (Public)
 Construction Document Links: ITEM: Domestic Hot Water Retrofit (Rutland Arena)
 Plans/Specs

Items: Rutland Arena Domestic Hot Water Retrofit

MANITOBA

ITEM: Roof Replacement PR328536
 Jenpeg Generating Stations, Grand Rapids
 WINNIPEG, MB CAN
 MB(DIVISION 11)
 201500517653 v3
 Action stage: Bidding
 Bid date: 05/27/2015 @ 04:00 PM CDT
 Valuation: J (5M to <10M)
 Project delivery system: Design-Bid-Build
 Owner type: Private
 Project Overview
 Project type: Electric Substation.
 Report type: ITEM Only
 Sub project count: 0
 First publish date: 05/06/2015
 Prior publish date: 05/08/2015
 Publisher: Dodge Data & Analytics
 Type of Item: ALTERATION.
 Item Code: Roofing-All Types.
 Item Category: ROOFING.
 Status: Bids to owner May 27 at 4:00 PM (CDT)
 Status project delivery system: Design-Bid-Build
 Publish date: 05/15/2015
 Key Contacts and Bid Documents
 Submit bids to: Owner (Private)
 Consultant: MERX
 Customer Support
 38 Antares Drive Ottawa ON, K2E 7V2
 Phone:613-727-4900 Fax:888-235-5800
 E-mail: merx@merx.com, http://www.merx.com
 Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
 Engineer: Manitoba Hydro
 Justin Wilson
 (PurchasingDepartment
 360 Portage Ave 2nd floor WINNIPEG MB, R3C 0G8
 Phone:204-360-3631
 E-mail: juswilson@hydro.mb.ca, http://www.hydro.mb.ca
 Email ID : juwilson@hydro.mb.ca Internet Addr : http://www.hydro.mb.ca
 Owner (Private): Manitoba Hydro
 Justin Wilson
 (PurchasingDepartment
 360 Portage Ave 2nd floor WINNIPEG MB, R3C 0G8
 Phone:204-360-3631
 E-mail: juswilson@hydro.mb.ca, http://www.hydro.mb.ca
 Email ID : juwilson@hydro.mb.ca Internet Addr : http://www.hydro.mb.ca

McGraw Hill CONSTRUCTION Dodge

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

Dodge upcoming project reports

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Notes: DEWB82 - A site visit/meeting will be held on May 4 at both sites (Jenpeg and Grand Rapids) for all interested Proponents. The Purchaser will provide transportation from Winnipeg to Jenpeg and Grand Rapids via a chartered aircraft, leaving Winnipeg at 08:00 and returning back in the afternoon of same day. To attend the site visit/meeting, the Proponents must contact: Kassem Harb Kharrb@hydro.mb.ca No later than May 1 - Registration to MERX Agencies, Crown and Private Corporations < <https://www.merx.com/> is required. You must be listed on the MERX Detailed Tracking Report (DTR) to Bid this project

Plans available from: Consultant
Items: The Work shall consist in the supply of all that is required for the replacement of the roofing system at the Grand Rapids and Jenpeg Generating Stations, with a total area of approximately 40,300 sq. ft. and 65,350sq. ft. respectively

Youville Drain Drainage Improvements
X31264

Youville Drain
WINNIPEG, MB CAN
MB(DIVISION 11)
201400647323 v8

Action stage: Bid Results
Bid date: 09/26/2014 @ 12:00 PM CDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build

Target start date: 10/01/2014
Owner type: State
Project Overview
Project type: Site Development. Storm Sewer.

Report type: Project
Sub project count: 0
First publish date: 09/22/2014
Prior publish date: 03/23/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids September 26

Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Manitoba Transportation & Gov. Services
Water Control & Structures
Box 499 GROSSE ISLE
MB, R0C 1G0

E-mail: mit.so.tenders@gov.mb.ca, <http://www.gov.mb.ca>
Company Name : Manitoba Transportation & Gov. Services Internet Addr :

<http://www.gov.mb.ca>
Owner (Public): Manitoba Transportation & Gov. Services
Water Control & Structures
Box 499 GROSSE ISLE
MB, R0C 1G0

E-mail: mit.so.tenders@gov.mb.ca, <http://www.gov.mb.ca>
Company Name : Manitoba Transportation & Gov. Services Internet Addr : <http://www.gov.mb.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 work to be done under this Contract shall consist of: Drain Excavation (Modified).? Rip-Rap Enhancements at all culvert locations.

ITEM: Central Air Conditioning Install (IQC) 330237

17 Wing
WINNIPEG, MB CAN
MB(DIVISION 11)
201500527627 v1
Action stage: Bidding
Bid date: 05/26/2015 @ 02:00 PM CDT
Valuation: \$400,000

First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: Military
Project Overview
Project type: Apartments/Condominiums 1-3 Stories.

Report type: ITEM Only
Sub project count: 0
First publish date: 05/15/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Air Condition/Temper-Sys-Cent.

Item Category: HVAC/DUCTWORK.
Status: Bids to owner May 26 at 2:00 PM (CDT)

Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
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: Unies Ltd.
101 - 1555 St. James St WINNIPEG
MB, A3H 1B5
Phone:204-633-6363 Fax:204-632-1442
<http://www.unies.mb.ca/>
Internet Addr : <http://www.unies.mb.ca/>
Owner (Public): Defense Construction Canada

Elvin Vicedo
Building 57 Room 212 Bushell Park
Moose Jaw
SK, SOH 0N0
Phone:306-693-2971 Fax:306-693-2973
Company Name : Defense Construction Canada

Notes: DEWB82 DEFENCE CONSTRUCTION CANADA (DCC) ?
#HAQWG71 - 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 [Winnipeg 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: (204) 833-2500 Ext 4630
Plans available from: Consultant
Items: Supply of labour, material, supervision and equipment necessary to supply and install new central air conditioning units in various residential housing units for CFHA, 17 Wing Winnipeg, Manitoba

ITEM: Audio Visual Upgrade (Medical Rehabilitation Building) 330376
750 Bannatyna Ave
WINNIPEG, MB R3E 0W2 CAN
MB(DIVISION 11)
201500527676 v1

Action stage: Bidding
Bid date: 05/27/2015 @ 02:00 PM CDT
Valuation: \$55,000 - 70,000

First issue bid stage IND: Y.
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: College/University.

Report type: ITEM Only
Sub project count: 0
First publish date: 05/15/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Audio Visual Eqpt. Blackboards-All Types. Ceiling-Suspended.
Item Category: COMMUNIC/SOUND SYS. SIGNAGE/CHALK AND TRACK

BOARDS. ACOUSTICAL.
Status: Bids to Owner May 27 at 2:00 (CDT)
Status project delivery

system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: University of Manitoba
Javier Uribe

410 Administration Bldg WINNIPEG
MB, R3T 2N2
Phone:204-474-9687 Fax:204-275-1160
E-mail: Javier.Uribe@umanitoba.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: University of Manitoba
Darwin Thompson
410 Administration Bldg WINNIPEG
MB, R3T 2N2
Phone:204-474-8911

E-mail: Darwin.Thompson@ad.umanitoba.ca, <http://www.umanitoba.ca>
Company Name : University of Manitoba
Email ID : Darwin.Thompson@ad.umanitoba.ca
Internet Addr : <http://www.umanitoba.ca>
Interior Designer: University of Manitoba Architectural & Engineering
Sheri Turner

89 Freedman Cres WINNIPEG
MB, R3T 2N2
Phone:204-474-6473 Fax:204-474-7565
E-mail: sheri.turner@umanitoba.ca, <http://umanitoba.ca/academic/programs/rrc/engineer>

Company Name : University of Manitoba Architectural & Engineering
Email ID : sheri.turner@umanitoba.ca
Internet Addr : <http://umanitoba.ca/academic/programs/rrc/engineer>
Owner (Public): University of Manitoba
Andrew Cramer

410 Administration Bldg WINNIPEG
MB, R3T 2N2
Phone:204-474-8911 Fax:204-789-3504
E-mail: Andrew_Cramer@umanitoba.ca
Email ID : Andrew_Cramer@umanitoba.ca

Notes: DEWB82 - Site meeting May 20 at 10:00 AM (CDT)
Bonds: 10% Bid Bond.
Plans available from: Consultant

Items: Audio Visual upgrades, removal of tack & chalk boards, removal of white boards. Installation of monitors, projectors & screens, including blocking and

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

Dodge upcoming project reports

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supports in walls and above ceiling
Lake St Martin First Nation New Community Development 301167
(D) Tender 1 Phase 1 Subdivision development 06/02
Lake St Martin
LAKE ST MARTIN, MB CAN
MB(DIVISION 19)
201400501361 v8
Action stage: GC Bidding, Design Development
Bid date: 06/02/2015 @ 11:00 AM CDT
Valuation: \$21,444,500
Project delivery system: Design-Bid-Build
Target start date: 09/01/2015
Target complete date: 09/01/2017
Owner type: Federal
Project Overview
Project type: Apartments/Condominiums
1-3 Stories. Paving. Site Development. Storm Sewer.
Report type: Project
Sub project count: 1
First publish date: 04/22/2014
Prior publish date: 05/14/2015
Publisher: Dodge Data & Analytics
Type of Work: New Project
Status: Bids to Engineer by June 2 at 11:00 AM (CDT) - Further tenders to follow
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: JR Cousin Consulting
Jeffrey Hutzul
(Engineer
91 - A Scurfield Blvd Winnipeg
MB, R3Y 1G4
Phone:204-489-0474 Fax:204-489-0487
E-mail: jhutzul@jrcc.ca,
http://www.jrcc.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): AANDC Professional and Technical Services
Donny Buckingham
(PEng
200-365 Hargrave Street Winnipeg
MB, R3B 3A3
Phone:204-984-3545 Fax:204-983-2936
E-mail: donny.buckingham@aandc-aadnc.gc.ca Email ID : donny.buckingham@

ham@aandc-aadnc.gc.ca
Project Manager: PM Associates Ltd.
Al Rushworth, P. Eng.
(Project Manager
1440 Erin st Winnipeg
MB, R3B 0E1
Phone:204-949-5150 Fax:204-943-3700
E-mail: al@pmggroup.ca
Notes: CRCN02 - A pre-tender meeting and test holes will be completed onsite starting at 11:00 a.m. on May 26, 2015. Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - Plans and specs are available for pick up/courier through the office of JR Cousin Consulting email jhutzul@jrcc.ca
*Plans available from: *Architect
Additional features: Lake St Martin First Nation New Community Site Development Projects including bush clearing - access roads - drainage - lot grading - residential driveways - Subdivision development - current tender for 6,900 m of watermain piping - 3,750 m of water service piping - 6,800 m of gravity wastewater sewer piping - 3,375 m of gravity sewer service piping - 6,700 m of new road construction - 731,000 m2 of lot grading - 340,800 m3 of drainage excavation.

ITEM: Elevator Modernization
PR328120
505 Munroe Ave
WINNIPEG, MB R2K CAN
MB(DIVISION 11)
201500514701 v4
Action stage: Bidding
Bid date: 05/19/2015 @ 02:00 PM CDT
Valuation: \$250,001 - 500,000
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: 05/04/2015
Prior publish date: 05/07/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Elevator Maint.
Item Category: ELEVATORS/MOV STAIRS.
Status: Electronic Bids to owner May 19 at 2:00 PM (CDT)
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Private)

Consultant: MERX
Customer Support
38 Antares Drive Ottawa
ON, K2E 7V2
Phone:613-727-4900 Fax:888-235-5800
E-mail: merx@merx.com,
http://www.merx.com
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.
Engineer: Manitoba Housing Authority
Nicole Doherty
400B Logan Avenue WINNIPEG
MB, R3A 0R1
Phone:204-945-3190 Fax:204-948-1407
E-mail: nicole.doherty@gov.mb.ca,
http://www.gov.mb.ca/housing/procurement
Email ID : nicole.doherty@gov.mb.ca
Internet Addr :
http://www.gov.mb.ca/housing/procurement
Owner (Private): Manitoba Housing Authority
Nicole Doherty
400B Logan Avenue WINNIPEG
MB, R3A 0R1
Phone:204-945-3190 Fax:204-948-1407
E-mail: nicole.doherty@gov.mb.ca,
http://www.gov.mb.ca/housing/procurement
Email ID : nicole.doherty@gov.mb.ca
Internet Addr :
http://www.gov.mb.ca/housing/procurement
Notes: DEWB50 - Optional site visit May 5 at 10:00 AM (CDT) - 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. 50% Performance Bond. 50% Payment Bond.
*Plans available from: *Consultant
Addenda film date: 05/07/2015
Addenda receive date: AY/-2/07-M
Items: Manitoba Housing requires the services of a contractor to perform an elevator modernization of two gear traction elevators in a fifteen storey apartment building. The work includes, but is not limited to, new controls, drives & hoist motors, brakes, and cab interior upgrades

NORTHERN CANADA

Wildland Fire Reclamation SC444590
FORT PROVIDENCE, NT CAN

NT(FORT SMITH)
201400646515 v8
Action stage: Bid Results
Bid date: 09/24/2014 @ 03:00 PM MDT
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build
Target start date: 10/01/2014
Owner type: State
Project Overview
Project type: Site Development.
Report type: Project
Sub project count: 0
First publish date: 09/19/2014
Prior publish date: 03/23/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Award expected in 30-60 days - Bid September 24
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Northwest Territories
Procurement Shared Services
5015 - 44 St YELLOWKNIFE
NT, X1A 2L9
Phone:867-873-7662 Fax:867-873-0257
E-mail:
CLAYTON_RAVNDAL@gov.nt.ca,
http://www.contractregistry.nt.ca/Public/ListProc
Owner (Public): Government of Northwest Territories
Procurement Shared Services
5015 - 44 St YELLOWKNIFE
NT, X1A 2L9
Phone:867-873-7662 Fax:867-873-0257
E-mail:
CLAYTON_RAVNDAL@gov.nt.ca,
http://www.contractregistry.nt.ca/Public/ListProc
Notes: DEWB30 - 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: Wildland Fire Reclamation - Fort Providence

Wildland Fire Reclamation SC444591
Kakisa / Enterprise
FORT SMITH, NT CAN
NT(FORT SMITH)
201400647281 v8
Action stage: Bid Results
Bid date: 09/26/2014 @ 03:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Owner type: State

Dodge upcoming project reports

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Project Overview
Project type: Site Development.
Report type: Project
Sub project count: 0
First publish date: 09/22/2014
Prior publish date: 03/23/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids September 26
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Northwest Territories Public Works & Services
Procurement Shared Services (Contracts Administra
199 McDougall Road Fort Smith NT, X0E 0P0
Phone:867-872-7411 Fax:867-872-2171
E-mail: ppsendersfortsmith@gov.nt.ca
Owner (Public): Northwest Territories Public Works & Services
Procurement Shared Services (Contracts Administra
199 McDougall Road Fort Smith NT, X0E 0P0
Phone:867-872-7411 Fax:867-872-2171
E-mail: ppsendersfortsmith@gov.nt.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: Wildland Fire Reclamation - Kakisa / Enterprise

Highway Surface Repairs - Rehabilitation CT101536
YELLOWKNIFE, NT CAN
NT(FORT SMITH)
201500494205 v2
Action stage: Bidding
Bid date: 05/19/2015 @ 03:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 06/01/2015
Owner type: State
Project Overview
Project type: Paving.
Report type: Project
Sub project count: 0
First publish date: 04/14/2015
Prior publish date: 04/14/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner May 19 at 3:00 PM (MDT)
Status project delivery system: Design-Bid-Build

Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Government of Northwest Territories
Contracts Administrator (Procurement Services
5015 - 44 St YELLOWKNIFE NT, X1A 2L9
Phone:867-873-7230 Fax:867-920-4112
E-mail: pwstenders@gov.nt.ca,
http://www.contractregistry.nt.ca/Public/ListProc
Internet Addr : http://www.contractregistry.nt.ca/Public/ListProc
Owner (Public): Government of Northwest Territories
Contracts Administrator (Procurement Services
5015 - 44 St YELLOWKNIFE NT, X1A 2L9
Phone:867-873-7230 Fax:867-920-4112
E-mail: pwstenders@gov.nt.ca,
http://www.contractregistry.nt.ca/Public/ListProc
Internet Addr : http://www.contractregistry.nt.ca/Public/ListProc
Notes: DEWB30 Pre tender meeting on May 4 at 10:00 am (MDT) at First Floor Boardroom, 4510-50th A - 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: Roadway Preparation, Construction of Embankment, Base Course and Subbase Course, Production of Crushed Aggregates and Application of Double Asphaltic Surface Treatment

ITEM: Boiler - Equipment Replacement (Nurses Residence Unit) 2015161480
878100 ROSS RIVER
ROSS RIVER, YT Y0A CAN
YT(YUKON)
201500526940 v2
Action stage: Bidding
Bid date: 05/26/2015 @ 03:00 PM PDT
Valuation: B (100K to <200K)
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: 05/14/2015
Prior publish date: 05/14/2015
Publisher: Dodge Data & Analytics
Type of Item: ALTERATION.
Item Code: Boiler Installation. Elec Work. Heating Sys. Mechanical Work.

Item Category: PLUMBING/FIRE PROTECTION. ELECTRICAL.
HVAC/DUCTWORK.
PLUMBING/FIRE PROTECTION.
Status: Bids to Owner May 26 at 3:00 PM (PDT)
Status project delivery system: Design-Bid-Build
Publish date: 05/18/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Northern Climate Engineering Reception
102c Copper Road WHITEHORSE YT
Y1A 2Z6
Phone:867-667-6900 Fax:867-668-4252
Owner (Public): Yukon Housing Corporation
Chris Gladish
410H Jarvis St Whitehorse YT
Y1A 2H5
Phone:867-667-5759 Fax:867-667-3664
E-mail: ykhouse@gov.yk.ca,
http://www.housing.yk.ca/
Internet Addr :
http://www.housing.yk.ca/
Notes: DEWB50
Bonds: 10% Bid Bond.
*Plans available from: *Owner (Public)

Items: Work included the removal of existing heating system, complete supply and installation of new heating system
M&I Structural Repairs - One Duplex Unit PM016469
Site Not Specified
BEHCHOKO, NT X1A 2L9 CAN
NT(FORT SMITH)
201400619686 v10
Action stage: Bid Results
Bid date: 09/05/2014 @ 03:00 PM MDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 10/01/2014
Owner type: State
Project Overview
Project type: Apartments/Condominiums 1-3 Stories.
Report type: Project
Sub project count: 0
First publish date: 08/22/2014
Prior publish date: 03/19/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids September 5
Status project delivery system: Design-Bid-Build
Publish date: 05/18/2015
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/ListProc
Owner (Public): Government of Northwest Territories
Procurement Shared Services
5015 - 44 St YELLOWKNIFE NT, X1A 2L9
Phone:867-873-7662 Fax:867-873-0257
E-mail:
CLAYTON_RAVNDAL@gov.nt.ca,
http://www.contractregistry.nt.ca/Public/ListProc
Notes: DEWB73 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Plans available from: Owner (Public)
Additional features: M&I Structural Repairs - One Duplex Unit

ONTARIO

Williamsburg Cemetery Phase II Expansion T14031
1541 Fischer Hallman Rd
KITCHENER, ON N2G 3W5 CAN
ON(WATERLOO)
200800630014 v14
Action stage: Bid Results
Bid date: 04/03/2014 @ 01:00 PM EDT
Valuation: \$400,790
Project delivery system: Design-Bid-Build
Target start date: 05/01/2014
Owner type: Local Government
Project Overview
Project type: Funeral/Interment Facility.
Site Development. Landscaping.
Report type: Project
Sub project count: 0
First publish date: 03/25/2008
Prior publish date: 03/12/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Low Bidders previously reported - Award anticipated in 60 days - Bid April 3
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents

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

Dodge upcoming project reports

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Submit bids to: Owner (Public)
Architect: MMM Group Limited / Geomatics Ontario Limited
Amanda Gebhardt
80 Commerce Valley Drive East Unit
106 Mississauga
ON, L3T 7N4
Phone:905-826-4770 Fax:905-826-8007
E-mail: gebhardta@mmm.ca,
http://www.mmm.ca
Owner (Public): City of Kitchener
Rudy Kruppa
(Buyer
200 King Street West 4th Floor KITCHENER
ON, N2C 2N2
Phone:519-741-2217 Fax:519-741-2222
E-mail: rudy.kruppa@kitchener.ca,
http://www.kitchener.ca
Notes: DEWB86
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Addenda film date: 03/25/2014
Addenda receive date: AR/-2/24-M
Additional features: The scope of work is the supply and installation of vehicular and pedestrian circulation systems and earthworks to raise the overall site grades to allow for burial over water table. The site works will include the following:a. Soil, Site and Tree Preservation: maintain erosion and sediment control devices; protection of aboveground facilities including existing asphalt roads, fences; protection of underground.b. Minor grading works to allow for Stage 2 installations, major earth works completed by others in Stage 1.c. Supply and installation of asphalt roadways & pathways.d. Supply and install retaining walls.e. Supply and install erosion control for Stage 1 drainage swales.f. Supply and install Drain Tile.g. Supply and install bollards.h. Supply and install plant material and seeding.
Bidders List
Low Bidders
Bomar Landscape Inc
Kevin Bouwman
7452 Speers Rd , ELORA, ON N0B 1S0 (WELLINGTON)
Bid Amount: \$ 400,790
Phone: 519-846-8855
Fax: 519-846-8856
Email: bomarlandscaping@sympatico.ca
TDI International
PO Box 10 , Toronto, ON 000 (ALGOMA)
Bid Amount: \$ 469,204
Phone: 800-330-0084
Pine corner Tree Farm
RR#1 Moorfield , Moorfield, ON NOG 2KO (LAMBTON)
Bid Amount: \$ 561,542

Phone: 519-638-2734

Diesel Fuel Storage Tank Installation
OED2015038
Site not specified
KESWICK, ON CAN
ON(YORK)
201500517779 v2
Action stage: Bidding
Bid date: 05/16/2015 @ 02:00 PM EDT
Valuation: B (100K to <200K)
Project delivery system: Design-Bid-Build
Target start date: 06/01/2015
Owner type: Local Government
Project Overview
Project type: Storage Tank (Other).
Report type: Project
Sub project count: 0
First publish date: 05/06/2015
Prior publish date: 05/06/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner May 16 at 2:00 PM (EDT)
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Town of Georgina Clerk's Office
Brian Jordan
(Purchasing Manager
26557 Civic Centre Road C
ON, L4P 3G1
Phone:905-476-4301 Ext:259
E-mail: bjordan@georgina.ca,
http://www.town.georgina.on.ca
Owner (Public): Town of Georgina Clerk's Office
Brian Jordan
(Purchasing Manager
26557 Civic Centre Road C
ON, L4P 3G1
Phone:905-476-4301 Ext:259
E-mail: bjordan@georgina.ca,
http://www.town.georgina.on.ca
Notes: DEWB82
Plans available from: Owner (Public)
Additional features: SUPPLY AND INSTALLATION DIESEL FUEL STORAGE TANK 2,200 Liters (approx.)
Gallon Double Wall Tank

Woodland Public School Kindergarten Alteration 14163
1511 SEVENTH STREET
ST. CATHARINES, ON L2R 6P9 CAN
ON(NIAGARA)
201400556151 v10
Action stage: Bid Results
Bid date: 06/20/2014 @ 02:00 PM EDT
Valuation: F (500K to <750K)

Project delivery system: Design-Bid-Build
Target start date: 11/01/2014
Owner type: State
Project Overview
Project type: Middle/Senior High School. Kindergarten.
Report type: Project
Sub project count: 0
First publish date: 06/16/2014
Prior publish date: 03/30/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Further action pending Owner's decision to proceed - GC Bid June 20
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Macdonald Zuberec Ensslen Architects
39 Queen Street Suite 403 St Catharines ON, L2R 5G6
Phone:905-685-8467 Fax:905-685-6852
E-mail: info@mzearchitects.com,
http://www.mzearchitects.com
Electrical Engineer: WSP Group (formerly Genivar Inc)
185 East St SAULT STE MARIE ON, P6A 3C8
Phone:705-942-2070 Fax:705-942-3532
http://www.wspgroup.com/en/WSP-Canada/
Email ID : monte.lucas@genivar.com
Mechanical Engineer: WSP Group (formerly Genivar Inc)
185 East St SAULT STE MARIE ON, P6A 3C8
Phone:705-942-2070 Fax:705-942-3532
http://www.wspgroup.com/en/WSP-Canada/
Email ID : monte.lucas@genivar.com
Owner (Public): District School Board of Niagara
Henri Ragetlie
(Purchasing Mgr.
191 Carlton Street St Catharines ON, L2R 7P4
Phone:905-641-2929 Ext:4245 Fax:905-685-8511
E-mail: Henri.Ragetlie@dsbn.edu.on.ca,
http://www.dsb.edu.on.ca
Notes: DEWB30
Bonds: \$5,000 Bid Bond.
Plans available from: Owner (Public)
Additional features: Kindergarten Alteration Woodland Public School

Wilma's Walk Pathway Addition 0114
Northumberland St- Ayr Lot-, Plan 673
CAMBRIDGE, ON CAN
ON(WATERLOO)

201400479896 v10
Action stage: Bid Results
Bid date: 04/07/2014 @ 12:00 AM EDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 09/01/2014
Owner type: Local Government
Project Overview
Project type: Sidewalk/Parking Lot. Park/Playground. Site Development.
Report type: Project
Sub project count: 0
First publish date: 03/31/2014
Prior publish date: 03/12/2015
Publisher: Dodge Data & Analytics
Type of Work: Additions, Alterations
Status: Bids in and under review - Further action pending owner's decision to Proceed - Bid April 7
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Township of North Dumfries Frank Prospero
(Recreation Director
1171 Greenfield Road RR 4 CAMBRIDGE ON, N1R 5S5
Phone:519-621-0340
E-mail: fprospero@northdumfries.ca,
http://www.northdumfries.ca/en/our-services/purchas
Company Name : Township of North Dumfries Email ID : fprospero@northdumfries.ca Internet Addr : http://www.northdumfries.ca/en/our-services/purchas
Owner (Public): Township of North Dumfries
Frank Prospero
(Recreation Director
1171 Greenfield Road RR 4 CAMBRIDGE ON, N1R 5S5
Phone:519-621-0340
E-mail: fprospero@northdumfries.ca,
http://www.northdumfries.ca/en/our-services/purchas
Company Name : Township of North Dumfries Email ID : fprospero@northdumfries.ca Internet Addr : http://www.northdumfries.ca/en/our-services/purchas
Notes: DEWB86 - Bid time not mentioned
Plans available from: Owner (Public)
Additional features: The addition to Wilma's Walk at Watson Pond within Centennial Park located in the Township of North Dumfries will provide access to both sides of the pond and link existing

Dodge upcoming project reports

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trails. The pathway construction is on the south side of the pond The idea is to create a pathway out of crushed stone gravel that is accessible to all within our community, linking to existing trails. The pathway will have areas set aside for benches and gathering. The path us 265 feet long, there are 3 sitting areas of 240 sq ft, 100 sq ft, and 100 sq ft. The width needs to be compliance within AODA standards

Willow Road Reconstruction 201401
Willow Road
ATIKOKAN, ON CAN
ON(RAINY RIVER)
201400490707 v11
Action stage: Bid Results
Bid date: 04/24/2014 @ 03:00 PM EDT
Valuation: D (300K to <400K)
Project delivery system: Design-Bid-Build
Target start date: 09/01/2014
Owner type: Local Government
Project Overview
Project type: Paving. Storm Sewer. Sanitary Sewer.
Report type: Project
Sub project count: 0
First publish date: 04/10/2014
Prior publish date: 03/12/2015
Publisher: Dodge Data & Analytics
Type of Work: New Project
Status: Bids in and under review - Further action pending on Owner's decision to proceed - Bid April 24
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Kresin Engineering Corporation
Chris Kresin
536 Fourth Line East Sault Ste Marie ON, P6A 6J8
Phone:705-949-4900
Owner (Public): Town of Atikokan
Peter Burbeck
120 Marks Street Atikokan ON, P0T 1C0
Phone:807-597-2738 Company Name : Township of Atikokan
Notes: DEWB86
Plans available from: Engineer - US\$ 50 deposit. 100 refunded in good condition
Additional features: The work generally consists of supplying all materials, labour and equipment necessary for the reconstruction of Willow Road - Atikokan - ON a total length of approximately 920 metres of road including new sanitary sewers - storm sewers and watermain

Woodville Elementary School Washroom Upgrades 213101
109 Nappdale St
WOODVILLE, ON KOM 2T0 CAN
ON(PEEL)
201400499213 v10
Action stage: Bid Results
Bid date: 04/22/2014 @ 02:00 PM EDT
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Target start date: 10/01/2014
Owner type: State
Project Overview
Project type: Primary School. Miscellaneous Recreational.
Report type: Project
Sub project count: 0
First publish date: 04/18/2014
Prior publish date: 03/30/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Further action pending owner's decision to proceed - Bid April 22
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Mitchell Architects
Ferdinand Regier
(Architect/Office Mgr
7 John St. Unit 3 Huntsville ON, P1H 1H2
Phone:705-788-0650 Fax:705-788-3257
E-mail: mail@mitchellarchitects.ca, http://www.mitchellarchitects.ca
Electrical Engineer: OTS Engineering
R.E. Baker
294 Rink St PO Box 1941 Peterborough ON, K9J 7X7
Phone:705-745-5530 Fax:705-745-7466
E-mail: otseng@nexicom.net Company Name : OTS Engineering
Engineer: Kirkland Engineering
Reception Office
294 Rink St PO Box 1941 Peterborough ON, K9J 7X7
Phone:705-745-2831 Fax:705-741-1526
E-mail: info@kirklandengineering.com
Mechanical Engineer: OTS Engineering
R.E. Baker
294 Rink St PO Box 1941 Peterborough ON, K9J 7X7
Phone:705-745-5530 Fax:705-745-7466
E-mail: otseng@nexicom.net Company Name : OTS Engineering
Owner (Public): Trillium Lakelands District School Board
PO Box 420 County Road 36 Lindsay ON, K9V 4S4
Phone:705-324-6776 Fax:705-328-2036

E-mail: info@tlds.on.ca, http://tlds.ca/
Notes: DEWB30
Plans available from: Owner (Public)
Construction Document Links:
Woodville Elementary School Washroom Upgrades
Additional features: Trillium Lakelands District School Board Woodville ES Washroom Upgrades
Bidders List
Bidders on GC
Silver Birch Contracting (Birchcon)
17045 Hwy. 27, P.O. Box 29 , SCHOMBERG, ON L0G 1T0 (YORK)
Website: http://www.birchcon.ca
Phone: 905-952-3856
Fax: 905-952-3857
Email: admin@birchcon.ca

QUEBEC

CIBC Saint-Leonard
6850 Jean Talon Est
MONTREAL6850 JEAN TALON EST, QC HIS 1N2 CAN
QC(COMMUNAUTE-URBAINE-DE-MONTREAL)
201200681094 v11
Action stage: Bid Results
Bid date: 12/05/2012 @ 01:30 PM EST
Valuation: \$600,000
Project delivery system: Design-Bid-Build
Target start date: 08/01/2014
Owner type: Private
Project Overview
Project type: Bank.
Report type: Project
Sub project count: 0
First publish date: 11/26/2012
Prior publish date: 11/18/2014
Publisher: Dodge Data & Analytics
Type of Work: Interiors
Status: Bids in and under review - Further action pending Owner's decision to proceed - Bid December 5
Status project delivery system: Design-Bid-Build
Publish date: 05/18/2015
Key Contacts and Bid Documents
Submit bids to: Project Manager
Architect: HOK Architects Corporation
720 King St W, Ste 505 Toronto ON, M5V 2T3
Phone:416-203-9993 Fax:416-203-9992
E-mail: toronto@hok.com, http://www.hok.com
Designer: ID+S Design Solutions
410 -486 Ste-Catherine Ouest MONTREAL
QC, H3B 1A8
Phone:514-390-0003 Fax:514-393-9006
E-mail: info@ids-design.com
Electrical Engineer: Smith + Andersen
4211 Yonge Street Suite 500 Toronto

ON, M2P 2A9
Phone:416-487-8151 Fax:416-487-9104
E-mail: toronto@smithandandersen.com, http://www.smithandandersen.com
Mechanical Engineer: Smith + Andersen
4211 Yonge Street Suite 500 Toronto ON, M2P 2A9
Phone:416-487-8151 Fax:416-487-9104
E-mail: toronto@smithandandersen.com, http://www.smithandandersen.com
Owner's Agent (Private): Construction Longer Inc
Alain Landry
(Charge de Projet
175 Leger Street Sherbrooke QC, J1L 1M2
Phone:514-231-5395 Fax:819-564-3178
Project Manager: Brookfield LePage
Johnson Controls
Manon Nadeau
(Administration
318 - 1868 boul Des Sources POINTE CLAIRE
QC, H9R 5R2
Phone:514-782-4676 Fax:514-782-1978
E-mail: manon.nadeau@bljc.com
Notes: DEWB89 Cost estimate in Canadian dollars - Source request all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network
Plans available from: Project Manager
Structural Details
Structural information: 1 Building/ 1 Story above grade / 0 Story below grade // Building Frame: Wood
Additional features: Nouvelle succursale a Saint-Leonard - Veuillez noter que toutes configuration sont estimees --Site Preparation - Earthwork - Excavation - Foundations - Utility services - Drainage and Containments - Pavements and Parking Appurtenances - Curbs and Sidewalks - Landscaping - Fencing - Cast in - place Concrete - Wood Decking - Sheathing-Wood framing- Prefabricated Wood Joists and Trusses - Siding - Shingles - Fire and smoke protection - Thermal Protection - Building Insulation - Wood doors - Wood Windows - Security access and control - Masonry units - Rough carpentry - Finish Carpentry - Millwork - Architectural Woodwork - Non Load - Bearing Wall Framing - Ceilings - Gypsum Board - Ceramic tile - Paints and coatings - Mechanical - Electrical - HVAC - Plumbing - Plumbing Fixtures and equipment - Fire Protection Specialties - Security Alarm Systems
Concordia University - Vanier Library
2011042
7141 rue Sherbrooke Ouest
MONTREAL, QC H4B 1R6 CAN

McGraw Hill CONSTRUCTION Dodge

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

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QC(COMMUNAUTE-URBAINE-DE-MONTREAL)
201300405765 v12
Action stage: Bid Results
Bid date: 01/17/2013 @ 02:00 PM EST
Valuation: \$918,040
Project delivery system: Design-Bid-Build
Target start date: 02/01/2013
Owner type: State
Project Overview
Project type: Library.
Report type: Project
Sub project count: 0
First publish date: 01/10/2013
Prior publish date: 11/18/2014
Publisher: Dodge Data & Analytics
Type of Work: Interiors
Status: Low bidders previously reported
- Further action pending Owners decision - Bid January 17
Status project delivery system: Design-Bid-Build
Publish date: 05/18/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Marosi and Troy Architectes
Martin Troy
(Architecte)
4846 rue Sherbrooke Ouest bureau 105
Montreal
QC, H3Z 1P8
Phone: 514-369-2409
E-mail: info@marositroy.ca
Architect: Jodoin Lamarre Pratte & Associates
Louis Bellefleur
(Architecte)
3200 rue Rachel Est MONTREAL
QC, H1W 1A4
Phone: 514-527-8821 Fax: 514-527-7548
E-mail: info@jlp.ca, http://www.jlp.ca
Consulting Engineer: Genivar
1600 boulevard Rene-Levesque 16th
Floor Montreal
QC, H3H 1P9
Phone: 514-340-0046 Fax: 514-340-1337
http://www.genivar.com
(also WSP group)
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: 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
Owner (Public): Universite Concordia
Isabelle Major
(Administration)
1455 Boul Maisonneuve Montreal
QC, H3G 2L8
Phone: 514-848-2424 Ext: 2712
E-mail: communications@concordia.ca, http://www.concordia.ca/
Internet Addr : http://www.concordia.ca/
Owner (Public): Universite Concordia
Jean Pelland
(Gestion de projet)
1455 Boul Maisonneuve Bureau GM
1100 Montreal
QC, H3G 2L8
Phone: 514-848-2424 Ext: 5244 Fax: 514-848-8638
E-mail: jean.pelland@concordia.ca, http://www.concordia.ca/
Email ID : jpelland@alcor.concordia.ca
Internet Addr : http://www.concordia.ca/
Structural Engineer: Dessau formerly LVM
1080 Cite du Beaver Hall Bureau 300
MONTREAL
QC, H2Z 1S8
Phone: 514-281-1033 Fax: 514-798-8790
E-mail: info@dessau.com, http://www.dessau.com/
Notes: DEWB89 Source request all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network -the list of Prospective bidders is not available from regular sources -if you are GC bidding on this Project please call - 1-888-836-6623
Bonds: 10% Bid Bond.
Additional features: Remplacement d'une tour d'eau et a effectuer tous les travaux requis au Batiment VL du campus
Loyola
Bidders List
Bidders on GC
Groupe CIGI
7895 rue Notre-Dame Est , MONTREAL, QC H1L 5Z4 (COMMUNAUTE-URBAINE-DE-MONTREAL)
Website: http://www.groupecigi.com/
Phone: 514-292-8815
Email: soumission@groupecigi.com
Provoca Inc
1924 rue Valliere , Laval, QC H7M 3B3 (COMMUNAUTE-URBAINE-DE-MONTREAL)
Website: http://www.procova.ca
Phone: 450-668-3393
Fax: 450-668-0433
Email: contact@procova.ca
Kingston Byers Inc
9100 Elmslie , Lasalle, QC H8R 1V6

(COMMUNAUTE-URBAINE-DE-MONTREAL)
Website: http://www.kingstonbyers.com
Phone: 514-365-1781
Fax: 514-364-1434
Email: kbi@kingstonbyers.com
Tuyauterie Expert inc
740 rue Marion , Joliette, QC J6E 8N2 (JOLIETTE)
Phone: 514-365-3663
Fax: 514-365-8693
Low Bidders on GC
Provoca Inc
1924 rue Valliere , Laval, QC H7M 3B3 (COMMUNAUTE-URBAINE-DE-MONTREAL)
Website: http://www.procova.ca
Bid Amount: \$ 918,040
Phone: 450-668-3393
Fax: 450-668-0433
Email: contact@procova.ca
Kingston Byers Inc
9100 Elmslie , Lasalle, QC H8R 1V6 (COMMUNAUTE-URBAINE-DE-MONTREAL)
Website: http://www.kingstonbyers.com
Bid Amount: \$ 924,994
Phone: 514-365-1781
Fax: 514-364-1434
Email: kbi@kingstonbyers.com
Tuyauterie Expert inc
740 rue Marion , Joliette, QC J6E 8N2 (JOLIETTE)
Bid Amount: \$ 1,021,219
Phone: 514-365-3663
Fax: 514-365-8693

Universite McGill - Stewart Pavilion
12192
Pavillon Stewart
MONTREAL, QC H3A 2R7 CAN
QC(COMMUNAUTE-URBAINE-DE-MONTREAL)
201300452184 v13
Action stage: Bid Results
Bid date: 04/08/2013 @ 03:00 PM EDT
Valuation: \$1,038,985
Project delivery system: Design-Bid-Build
Owner type: Private
Project Overview
Project type: College/University.
Report type: Project
Sub project count: 0
First publish date: 03/04/2013
Prior publish date: 11/19/2014
Publisher: Dodge Data & Analytics
Type of Work: Interiors
Status: Contract Award not yet declared - Further action pending owner's decision to proceed - Bid April 8
Status project delivery system: Design-Bid-Build
Publish date: 05/18/2015

Key Contacts and Bid Documents
Submit bids to: Owner (Private)
Architect: Vezina-Thode Architect
Diane Thode
(Architecte)
4242 avenue Girouard Montreal
QC, H4A 3C9
Phone: 514-842-5010 Fax: 514-842-1298
http://www.vezinathode.ca
Consulting Engineer: ARI - Bureau d'Etudes
Alain Risi
(Ingenieur)
565 Oriole Crescent DORVAL
QC, H9P 1P3
Phone: 514-300-0626
E-mail: arisi@aribe.ca
Engineer: WSP (Canada Head Office)
Abolfaxl Kamali
(Administration)
1600, boul Rene-Levesque Ouest 16e etage MONTREAL
QC, H3H 1P9
Phone: 514-340-0046 Ext: 5775 Fax: 514-340-1337
E-mail: Abolfazl.kamali@genivar.com, http://www.wspgroup.com/en/WSP-Canada/
Email ID :
Abolfazl.kamali@genivar.com
Owner (Private): McGill University
Petrouchka Levesque
(Administration)
1010 rue Sherbrooke Ouest 840 ave Dr Penfield-Ferrier BI Montreal
QC, H3A 2R7
Phone: 514-398-8115 Fax: 450-398-6692
E-mail: petrouchka.levesque@mcgill.ca, http://www.mcgill.ca/
Internet Addr : http://www.mcgill.ca/
Notes: DEWB89 A mandatory site visit has been scheduled on March 11 at 10:00 AM - Interested bidders are to meet at 1205 avenue du Docteur-Penfield, Pavillon Stewart des Sciences Biologiques -- Source request all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - Bonds: 10% Bid Bond.
Plans available from: Owner (Private)
Additional features: Remplacement du system de ventilation no. 6 - Aile Sud - Pavillon Stewart -- Replacement of no. 6 ventilation system - Bidders List
Bidders on GC
Germano Construction Corp
Richard Germano
2160 Boul Des Laurentides , CHOME-DEY, QC H7M 2Y6 (LAVAL)
Phone: 450-668-7807
Fax: 450-668-5002
Consoltec Inc

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

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3131 BD St-Martin O , Laval, QC H7T 2Z5 (LAVAL)
Phone: 450-669-9919
Fax: 450-629-5040
Groupe Plombaction Inc
575 boul Industriel Est , Victoriaville, QC G6T 1S7 (ARTHABASKA)
Website: <http://www.groupeplombaction.com/>
Phone: 819-752-6064
Fax: 819-752-3039
Email: info@plombaction.com
Kingston Byers inc
9100 Elmslie Street , Lasalle, QC H8R 1V6 (COMMUNAUTE-URBAINE-DE-MONTREAL)
Phone: 514-365-1642
Fax: 514-365-7875
Email: kbyers9100@aol.com
Pierly Construction
640 rue Louvain Est , Montreal, QC H2M 1A4 (QUEBEC)
Phone: 514-381-1838
Fax: 514-385-9342
H V A C INC
3045 Boul de Corbusier , CHOMEDEY, QC H7L 4C3 (LAVAL)
Phone: 514-748-4822
Low Bidders on GC
Pierly Construction
640 rue Louvain Est , Montreal, QC H2M 1A4 (QUEBEC)
Bid Amount: \$ 1,038,985
Phone: 514-381-1838
Fax: 514-385-9342
H V A C INC
3045 Boul de Corbusier , CHOMEDEY, QC H7L 4C3 (LAVAL)
Bid Amount: \$ 1,085,847
Phone: 514-748-4822
Consoltec Inc
3131 BD St-Martin O , Laval, QC H7T 2Z5 (LAVAL)
Bid Amount: \$ 1,091,030
Phone: 450-669-9919
Fax: 450-629-5040
Universite du Quebec a Rimouski (Phase 3) 130111766

168 rue Saint-Jean-Baptiste, Maison Louis Bertrand
RIMOUSKI, QC G5L 3A1 CAN
QC(RIMOUSKI-NEIGETTE)
201300422946 v9
Action stage: Bid Results
Bid date: 02/07/2013 @ 02:00 PM EST
Valuation: \$247,598 - 495,195
Project delivery system: Design-Bid-Build
Target start date: 10/01/2014
Owner type: State
Project Overview
Project type: College/University.
Report type: Project

Sub project count: 0
First publish date: 01/30/2013
Prior publish date: 11/19/2014
Publisher: Dodge Data & Analytics
Type of Work: Interiors
Status: Bids in and under review - Further action pending Owner's decision to proceed - Bid February 7
Status project delivery system: Design-Bid-Build
Publish date: 05/18/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Architect: Proulx et Savard Architectes David Savard (Architecte)
75 boul Arthur Buies Rimouski QC, G5L 1A9
Phone: 418-723-5543 Fax: 418-725-4538
E-mail: architectes@proulxetsavard.com
Architect: Proulx et Savard Architectes Benoit Proulx (Architecte)
75 boul Arthur Buies Rimouski QC, G5L 1A9
Phone: 418-723-5543 Fax: 418-725-4538
E-mail: bparch@globetrotter.net
Electrical Engineer: BPR Inc
320 Saint-Germain Est Bureau 400 Rimouski QC, G5L 1C2
Phone: 418-723-8551
Mechanical Engineer: BPR Inc
320 Saint-Germain Est Bureau 400 Rimouski QC, G5L 1C2
Phone: 418-723-8551
Owner (Public): Universite du Quebec Michel Dionne (Administration)
300 allée des Ursulines Rimouski QC, G5L 3A1
Phone: 418-724-1495 Fax: 418-724-1655
E-mail: michel_dionne@ugar.qc.ca, <http://uqar.quebec.ca>
Notes: DEWB89 Source request all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network
Bonds: 10% Bid Bond.
Plans available from: Owner (Public)
Additional features: Travaux de restauration - Phase 3 - Protection-incendie - a la Maison Louis-Bertrand. - Phase 3 - restoration - fire protection
Bridge P-13176 (P-18290) (Reconstruction) 8401121102
Route 125
LAVAL, QC CAN
QC(LAVAL)
201300412217 v12
Action stage: Bid Results

Bid date: 02/06/2013 @ 03:00 PM EST
Valuation: \$18,384,224
Project delivery system: Design-Bid-Build
Owner type: State
Project Overview
Project type: Bridge.
Report type: Project
Sub project count: 0
First publish date: 01/16/2013
Prior publish date: 11/14/2014
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids in and under review - Further action pending owner's decision to proceed - Bid February 6
Status project delivery system: Design-Bid-Build
Publish date: 05/18/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: Ministere des Transports du Quebec
Laval-Mille-Iles - Engineering (Ingénierie)
700 Blvd Rene-Levesque est 2e etage QUEBEC
QC, G1R 4Y9
Phone: 450-680-6330 Fax: 450-973-4959
E-mail: ministre@mtq.gouv.qc.ca, <http://www.mtq.gouv.qc.ca/fr/index.asp>
Internet Addr : <http://www.mtq.gouv.qc.ca/fr/index.asp>
Owner (Public): Ministere des Transports du Quebec
Services de Soumissions - Mtl (Procurement Officer)
500 boul. Rene-Levesque Ouest 4e etage - Porte 4.120 Montreal
QC, H2Z 1W7
Phone: 514-873-7781 Fax: 418-644-0439
E-mail: ministre@mtq.gouv.qc.ca, <http://www.mtq.gouv.qc.ca/fr/index.asp>
Notes: DEWB89 - Source request all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623
Bonds: 10% Bid Bond. 5% Performance Bond.
Plans available from: Owner (Public)
Additional features: Reconstruction de la structure P-13176 (P-18290), route 125 au-dessus des boul. St-Martin, Lite et la voie ferree du CP (Laval) - bridge reconstruction
Bidders List
Low Bidders on GC
Construction Garnier Inc
3890 Boul. Leman , LAVAL, QC H7E 1A1 (LAVAL)

Bid Amount: \$ 18,384,224
Phone: 450-661-6470 221
Fax: 514-321-1267
Email: sylvie.larin@qc.aira.com
Les Entreprises Claude Chagnon inc
4775 avenue Trudeau , ST-HY-ACINTHE, QC J2S 7W9 (RIMOUSKI-NEIGETTE)
Bid Amount: \$ 19,572,655
Phone: 450-773-5515
Fax: 514-773-6286
Groupe TNT Merceron Inc.
Benoit Levac
600 Blvd. Roland Godard , Saint Jerome, QC J7Y 4C5 (LA RIVIERE-DU-NORD)
Website: <http://www.tntgelco.com>
Bid Amount: \$ 19,809,636
Phone: 450-431-7887 204
Fax: 450-431-2477
Email: general@groupetnt.com

SASKATCHEWAN

Culvert Replacements 0020153
various location
WOLSELEY, SK CAN
SK(DIVISION 05)
201500514783 v2
Action stage: Bidding
Bid date: 05/19/2015 @ 04:00 PM CST
Valuation: F (500K to <750K)
Project delivery system: Design-Bid-Build
Owner type: Local Government
Project Overview
Project type: Storm Sewer.
Report type: Project
Sub project count: 0
First publish date: 05/04/2015
Prior publish date: 05/04/2015
Publisher: Dodge Data & Analytics
Type of Work: Alterations
Status: Bids to Owner May 19 at 4:00 PM (CST)
Status project delivery system: Design-Bid-Build
Publish date: 05/15/2015
Key Contacts and Bid Documents
Submit bids to: Owner (Public)
Engineer: R.M. of Wolseley #155
Rose Zimmer
Box 370 Wolseley
SK, SOG-5H0
Phone: 306-698-2664 Company Name : R.M. of Wolseley #155
Owner (Public): R.M. of Wolseley #155
Rose Zimmer
Box 370 Wolseley
SK, SOG-5H0
Phone: 306-698-2664 Company Name : R.M. of Wolseley #155
Notes: DEWB82
Bonds: 10% Bid Bond. 50% Perform-

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