

NO: **R228** COUNCIL DATE: **October 22, 2012**

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## REGULAR COUNCIL

TO: **Mayor & Council** DATE: **October 9, 2012**  
FROM: **General Manager, Parks Recreation & Culture** FILE: **6140 - 20/B**  
SUBJECT: **Award of Contract No. 1220-020-2012-005 for the Construction of Utility Upgrades and Pervious Concrete Parking Lot Paving at Blackie Spit Park**

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## RECOMMENDATIONS

The Parks, Recreation and Culture Department recommends that Council:

1. Award Contract No. 1220-020-2012-005 to Sustainable Concrete Canada Ltd. in the amount of \$674,775.79 , including HST, for the construction of utility upgrades, pervious concrete paving and other related works associated with the construction of a parking lot at Blackie Spit Park; and
2. Set expenditure authorization limit for the Contract at \$700,000 including HST.

## INTENT

The purpose of this report is to obtain approval to award a contract for the construction of civil works related to the paving of a parking lot at Blackie Spit Park.

## DISCUSSION

The work covered by Contract No. 1220-020-2012-005 includes site preparation, surveying, excavation and filling, utility installations, permeable aggregate sub-base, site drainage system, concrete pathways and wheel-stops, parking lot pavement (pervious concrete), parking lot line painting and various other related works.

## Tender Results

Invitations to submit tenders for the subject contract were issued to each of Lafarge Canada/Columbia Bitulithic, Sustainable Concrete Canada and B&B Contracting, each of whom were prequalified to bid on this project under a prior “Request for Expressions of Interest” process.

The tenders for the subject contract were opened on September 25<sup>th</sup>, 2012 with the following results:

<b>Contractor</b>	<b>Tendered Amount Including HST</b>
1. Sustainable Concrete Canada Ltd.	\$674,775.79
2. Lafarge Canada/Columbia Bitulithic Ltd.	\$877,613.62
3. B & B Contracting Ltd.	\$ 1,063,646.08

Each of the tenders was evaluated for accuracy and completeness. All submissions included the required 10% bid bond, and were signed and sealed on the Tender Form and Summary Sheet of the Schedule of Quantities and Prices.

Sustainable Concrete Canada, who submitted the low bid, has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond and agreed to complete the work within the contract period as stipulated in the contract. Sustainable Concrete Canada’s past performance on similar work has been satisfactory and they have no outstanding legal claims against the City. It is recommended that Sustainable Concrete Canada be awarded Contract No. 1220-020-2012-005.

Construction work related to the contract is expected to commence on October 23, 2012 and be completed by December 15, 2012.

## Funding

Funding for this Contract is available in the approved 2012 Capital Budget.

## SUSTAINABILITY CONSIDERATIONS

The construction of a permeable concrete parking lot at Blackie Spit Park is consistent with the objectives of the City’s Sustainability; more particularly, Goal *EN8: Sustainable Engineering Standards and Practices*. The use of pervious concrete in comparison to conventional asphalt paving has the following benefits:

- Results in zero runoff thus protecting adjacent aquatic ecosystems;

- Actively addresses hydrocarbons (oils & grease) through filtration & microbial conversion (digests car oils, leaving little but carbon dioxide and water); and
- Eliminates costly and land intensive storm water detention facilities as well as the associated piping systems, thereby reducing overall costs.

## CONCLUSION

The Parks, Recreation & Culture Department recommends that Council:

1. Award Contract No. 1220-020-2012-005 to Sustainable Concrete Canada Ltd. in the amount of \$674,775.79 , including HST, for the construction of utility upgrades, pervious concrete paving and other related works associated with the construction of a parking lot at Blackie Spit Park; and
2. Set expenditure authorization limit for the Contract at \$700,000 including HST.

Laurie Cavan,  
General Manager,  
Parks, Recreation & Culture