



Report to: Development Services Committee

Report Date: October 22, 2013

SUBJECT: Award of Tender # 203-T-13 Denison Street and 14th Avenue
Illumination Program

PREPARED BY: Vivek Sharma, Capital Works Engineer, Ext 2032
Tony Casale, Senior Construction Buyer, Ext. 3190

RECOMMENDATION:

- 1) THAT the report entitled "Award of Tender # 203-T-13 Denison Street and 14th Avenue Illumination Program" dated October 22, 2013 be received;
- 2) And that the contract for Tender # 203-T-13 Denison Street and 14th Avenue Illumination Program be awarded to the lowest priced compliant bidder, Fellmore Electrical Contractors in the amount of \$583,080.17 inclusive of HST;
- 3) And that a contingency in the amount of \$52,477.22 inclusive of HST, be established to cover additional construction costs, and staff be authorized to approve the expenditure of this contingency in accordance with the City of Markham's Expenditure Control Policy;
- 4) And that the Engineering Department Capital Administration Fee in the amount of \$47,666.80, inclusive of HST, be transferred to account # 640-998-8871 "Capital Administration Fess";
- 5) And that the project be funded from Account # 83-5350-12052-005 (Illumination Program) in the amount of \$683,224.19;
- 6) And that the remaining funds in account # 83-5350-12052-005 "Illumination Program" in the amount of \$83,905.81 be maintained in the account to complete other streetlight systems as identified in the five (5) year illumination plan;
- 7) And that Staff be authorized and directed to take all steps necessary to give effect to this resolution.

PURPOSE:

This report seeks Council's approval to award the contract for installation of streetlights on Denison Street and 14th Avenue under the 5-year Illumination Program.

BACKGROUND:

Based on the City standards, existing lighting levels on various streets are considered inadequate. As part of the Engineering Department's 5 year City Wide Illumination Program, the City of Markham has identified the following three (3) locations for the supply and

installation of streetlight systems that conforms to the latest City directives of installing LED luminaire.

- Denison Street from Esna Park to Birchmount Road (south side from Esna Park to Warden Ave, north side from Warden Ave to Birchmount Road)
- Denison Street from Kennedy Road to McCowan Road (north side)
- 14th Avenue from Woodbine Ave to Alden Road (north side)

Installation of street lights consists of the following:

- Supply and installation of streetlight system including supply and installation of concrete poles, LED luminaires, mast arms, ground rods, aerial cables, underground wires and conduit.
- Coordination with Power Stream for power connection
- Supply and installation of street light Pole ID

The total cost of this project is within the approved budget and any remaining funds will be used to fund other City wide illumination projects. The project is expected to be completed by June, 2014.

BID INFORMATION:

Advertised	ETN
Bids closed on	October 3, 2013
Number of contractors picking up bid documents	11
Number of contractors responding to bid	6*

*One bidder was disqualified as they did not meet a mandatory requirement specified in the Tender document.

DETAILED PRICING INFORMATION:

<u>Supplier</u>	<u>Price (Inclusive of HST)</u>
Fellmore Electrical Contractors	\$ 583,080.17
Langley Utilities Contracting	\$ 664,889.66
S&C Construction Consultants	\$ 674,416.64
Guild Electric Ltd	\$ 765,981.36
Black & McDonald Ltd	\$ 809,928.07
Beacon Utility Contractors	\$ 1,074,310.85

FINANCIAL CONSIDERATIONS AND TEMPLATE:

Recommended Supplier	Fellmore Electrical. (Lowest Priced Bidder)	
Original Budget and Account #	\$1,524,400.00	Account # 083 5350 12052 005
Current Budget Available	\$ 767,130.00	
Less cost of award	\$ 583,080.17	Bid price (Inclusive of HST)
	\$ 52,477.22	Contingency (Inclusive of HST)
	\$ 635,557.39	Total Award (Inclusive of HST)
	\$ 47,666.80	Internal Dept Capital Administration fee @ (7.5%)
	\$ 683,224.19	Total Project Cost
Budget Remaining after this award	\$ 83,905.81*	*Funds remaining will be maintained in the account to complete other streetlight systems as identified in the five (5) year illumination plan.

CONSTRUCTION SCHEDULE:


Based on the LED supply timelines, pending approvals the current construction schedule is:

<u>Milestone</u>	<u>Anticipated Date</u>
Award of Contract	November, 2013
Start of Construction	November, 2013
Construction Completion	January, 2014

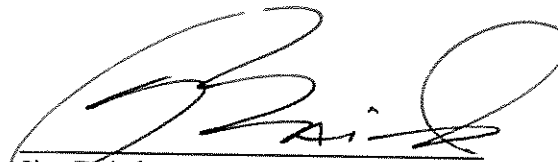
BUSINESS UNITS CONSULTED AND AFFECTED:

Finance and Asset Management Departments have been consulted in the award of this project and their comments have been incorporated into this report.

RECOMMENDED BY:

for 

Alan Brown, C.E.T.
Director of Engineering



Jim Baird, M.C.I.P., R.P.P.
Commissioner, Development Services