



BA45.2

BID AWARD PANEL CONTRACT AWARD

Award of Request to Prequalify (RTP) Call Number 1205-17-5043 to TransCore ITS, LLC and Black & McDonald Limited for Adaptive Traffic Signal Control System (Smart Signals) Pilot

Date: October 5, 2017
To: Bid Award Panel
From: Director, Purchasing and Materials Management
Wards: All

RECOMMENDATIONS

The Director, Purchasing and Materials Management recommends that the Bid Award Panel grant authority to award the following contracts:

Call Number:
Request to Prequalify No. 1205-17-5043

Description:
For the design, supply, delivery, implementation and support of an Adaptive Traffic Signal Control System solution (with related project management services) at up to three (3) pilot deployment locations.

Recommended Proponents:
(i) TransCore ITS, LLC
(ii) Black & McDonald Limited. (Submission #2)

Contract Award Value:

TransCore ITS, LLC
\$1,750,023 net of all applicable taxes and charges
\$1,977,526 including HST and all applicable charges
\$1,780,823 net of HST recoveries

Black & McDonald Limited (Submission #2)
\$1,009,896 net of all applicable taxes and charges
\$1,141,183 including HST and all applicable charges
\$1,027,669 net of HST recoveries

Contract is expected to start on November 1, 2017 and end on December 31, 2018.

FINANCIAL IMPACT

The total contract award identified in this report for both awards is \$ 3,118,708 including all applicable taxes and charges. The total cost to the City for both awards is \$2,808,493 net of HST recoveries.

This cost includes the deployment of smart signals at 22 intersections. This represent a cost of \$127,659 per intersection.

The engineering estimate for this project is provided as a range representing the average cost per intersection. The need to represent the estimate as a range is derived from the variability of solutions in the market. The estimated range was \$40,000 to \$110,000 dollars per intersection.

Funding is available in the 2017 Approved Capital Budget and 2018-2026 Approved Capital Plan for Transportation Services. Funding details follow in Table 1.

Table 1: Financial Impact Summary of Recommended Contract (net of HST recoveries)

WBS Element	Description	Date of Award to December 31, 2017	January 1, 2018 to December 31,2018	TOTAL (Net of HST recoveries)
CTP716-30-19	Traffic Congestion Management	\$780,823	\$1,000,000	\$1,780,823
CTP716-30-20	Traffic Congestion Management	\$450,000	\$577,670	\$1,027,670
TOTAL		1,230,823	1,577,670	\$2,808,493

CALL SUMMARY

Call Issued: April 27, 2017

Call Closed: June 22, 2017

Number of Addenda Issued: Nine (9)

Number of Bids: Seven (7)

Table 2: Summary of Proposals Received for RTP 1205-17-5043

Proposals Received From:	
Beacon Utility Contractors Limited	
Black & McDonald Limited (Submission 1) **	
Black & McDonald Limited (Submission 2) **	
Miovision Technologies Inc.	
Peek Traffic Corporation	
Siemens Canada Limited*	
TransCore ITS, LLC	

* Proponent was found non-compliant with mandatory requirements.

** Proponent provided two (2) submissions using the same Adaptive Traffic Signal technology, but employing different traffic flow detection.

Range of Scores:

50 to 74

DIVISION CONTACTS

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Joanne Kehoe, Manager, Construction Services, Purchasing and Materials Management, 416-392-7323, joanne.kehoe@toronto.ca

COMMENTS

These awards represent pilot runs of selected adaptive traffic signal technologies as part of the evaluation of solutions in the prequalification process.

For the recommended contract award, the following requirements have been met:

- a. The firms recommended for award are to the highest scoring proponent based on the evaluation criteria included in the call and meeting the requirements of the call;
- b. the appropriate Division has reviewed submissions and found the price to be reasonable, within available budget and concurs with the recommendation;

c. the total contract value is less than \$20 million dollars (excluding applicable taxes) and the contract term is:

1. for a contract funded by the operating budget, 5 years or less including any option years; or

2. for a contract funded by the capital budget, within the projected term of the capital funding for the project as set out in the capital budget,

being within the authority of the Bid Award Panel;

d. there are no material written objections to the award;

e. the call document was advertised on the City's internet website and bids or proposals were opened publicly; and

f. the Fair Wage Office confirms the recommended firm understands the Fair Wage Policy and Labour Trades requirements and has agreed to comply fully.

Additional details and information for the above calls are on the file in the Purchasing and Materials Management Division.

SIGNATURE

Michael Pacholok
Director, Purchasing and Materials Management