

COMMITTEE OF THE WHOLE – SEPTEMBER 2, 2003

TENDER AWARD – T03-041 CLOSED CIRCUIT CAMERA INSPECTION

Recommendation

The Commissioner of Engineering and Public Works, in consultation with the Director of Public Works, the Executive Director of Building, Facilities and Parks, the Director of Purchasing Services, and the Director of Reserves and Investments, recommends:

1. That Tender T03-041 for closed circuit camera inspection be awarded to Braywood Services Inc. at the various unit prices bid; and,
2. That the Mayor and Clerk be authorized to sign the necessary documents.

Purpose

The purpose of this report is to award Tender T03-041, the closed circuit camera inspection contract.

Background - Analysis and Options

The Public Works Department routinely contracts the camera inspection of the sewers throughout the City. The City has no suitable equipment of its own to perform this service. This contract provides for the TV inspection and detailed reporting of approximately 40,000 meters of mainline sanitary and storm sewer and connecting service laterals.

Approximately 80% of the camera inspection is in new development areas in preparation for assumption. The quantity of work associated with this activity varies annually depending on demand and the number of areas waiting to be assumed. Funds are recovered from the various developers through the Subdivision Agreements.

The balance of the camera inspection is an inventory of the City owned infrastructure, as well as inspection of the laterals leading into the main sewers. This inspection work can be routine or emergency in nature, and depending on the nature of the flows, plugging and by-pass pumping of the sewer may be necessary. The emergency investigative costs, as well as the camera inspection and small diameter pipe cleaning activities to assist the Building and Facilities Department, are the provisional items that may or may not be used by the City at its discretion.

The contract requires the contractor to provide the City with a record of the sewer conditions in the form of a written and pictorial report and a video in both tape and compact disc format. This information is used to identify deficiencies that the Developer must repair before assumption, and is an investigative tool for the City to identify infrastructure concerns to assist in budget preparation. A contract was called for a one (1) year period expiring December 31, 2004, with the possibility of four (4) annual extensions, conditional upon satisfactory work by the Contractor and the approval of funding.

The tender was advertised in the Vaughan Liberal and on the Electronic Tendering Network (ETN), and closed June 16, 2003. A total of seven (7) documents were picked up from the Purchasing Department, with a total of one (1) bid submitted by Braywood Services Inc.

The following are the unit prices bid:

ITEM	PRICE (including G.S.T.)
Camera inspection and reporting	\$2.08 / metre
Additional costs for by-pass pumping and plugging	\$53.50 / hour
Lateral inspections	\$171.20 / lateral

The contract specified that the camera used for this activity must be explosion proof to assure the safety of the workers and the infrastructure itself. Due to the natural aerobic action in a sewer and the occasional dumping of oils and solvents by the public, the sewer may contain methane and other explosive gases. The camera light and electrical connections used on conventional sewer cameras have the potential of causing an explosion under such conditions.

In order to confirm that the contractor is providing the camera specified, on July 22, 2003, staff met with the manufacturer of the camera identified in bidders tender submission. Staff are satisfied that the bidder's camera meets the contract specifications.

Based on the 40,000 linear metres of infrastructure inspected in 2002, sufficient funds have been approved in the various 2003 Operating and Capital Budget accounts to cover the cost of this work. Staff have checked the bids for mathematical errors, and have contacted references.

Conclusion

It is recommended that Tender T03-041 for Closed Circuit Camera Inspection be awarded to Braywood Services Inc., and that staff be permitted to perform the work to the limit of the various approved Operating and Capital budget accounts.

Attachments

None

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Respectfully submitted,

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Commissioner of Engineering and Public Works

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