

COMMITTEE OF THE WHOLE - SEPTEMBER 2, 2008

AWARD OF TENDER Q08-096, REMOVAL OF SEDIMENTS AND IMPROVEMENTS TO STORMWATER MANAGEMENT POND #55

The Commissioner of Engineering and Public Works, in consultation with the Director of Purchasing Services, and the Director of Reserves & Investments, recommends:

1. That Quote Q08-096, for Removal of Sediments and improvements to stormwater Management Pond #55 be awarded to Iron Trio Demolition at an estimated cost of \$140,571.64;
2. That a contingency amount of \$14,060, plus G.S.T., be approved, within which the Commissioner of Engineering and Public Works, or designate, is authorized to approve amendments to the contract;
3. That additional funds in the amount of \$85,530, be allocated to cover the cost of this work, and the funding source be identified as the AMO Gas Tax Reserve;
4. That the inclusion of the matter on a public Committee or Council agenda for the additional funding request identified as Removal of Sediments and Improvements to Stormwater Management Pond #55 is deemed sufficient notice pursuant to Section 2(1)(c) of Bylaw 394-2002; and,
5. That the Mayor and Clerk be authorized to sign the necessary documents.

Economic Impact

The cost estimate for performing this work was based on the formula contained in the 2004 storm water management pond inventory and maintenance report prepared by Clarifica Water Resources and Environmental Consulting. Using that formula, the estimated cost for the removal of sediment from pond #55 was \$85,000.00. The 2006 capital account #1618-0-06 for Storm Pond Sediment Removal Pond #55 contains \$69,300, as some of the initial funding was used for the preparation of the tender, including determining silt loading quantities, performing soil analysis and testing, and determination of method for cleaning.

As the initial estimate for completing this work was under the \$100,000 threshold for tenders, quotes were sought for this work. The bid value of Q08-096 is substantially higher than the estimated costs, and accordingly, additional funds are required to complete the project.

Communications Plan

Residents near this pond have been complaining about its condition for some time. Staff have informed these residents that this project is scheduled to be started and completed in 2008.

Purpose

The purpose of this report is to award Contract Q08-096 for the removal of sediments and improvements to stormwater management pond #55.

Background - Analysis and Options

Removal of sediment from the approved stormwater management pond #55 is required to mitigate the impact of sediment on the downstream receiving water course.

It is also required to ensure that adequate storage is maintained in the stormwater management facilities at all times, as required by the design.

Quote Q08-096 requires the Contractor to prepare the site, supply and construct silt fencing, temporary pond dewatering; excavate and temporarily stockpile the sediment, test the sediment for regulated materials, dispose of excavated sediment, and site restoration activities.

Quote Q08-096 was advertised on Thursday April 24th, 2008, in the Vaughan Citizen (City page), on OPBA and on the Electronic Tendering Network (ETN), and closed on Wednesday, May 7th, 2008. A total of twelve documents were picked up from the Purchasing Department, with a total of eight bid submissions as follows:

Q08-096 RESULTS FOR: REMOVAL OF SEDIMENTS AND IMPORVEMENTS TO STORMWATER MANAGEMENT POND #55		
ITEM	BIDDER	BID (including GST)
1	Iron Trio Demolition Concord, ON	\$140,571.64
2	Hollandia Land & Environmental Chelmsford, ON	\$140,962.50
3	Dynex Construction Concord, ON	\$143,362.28
4	JMX Contracting Inc.* Gormley, ON	\$147,000.00*
5	Dig-Con International Ltd. Bolton, ON	\$159,048.75
6	Metric Contracting Brampton, ON	\$189,636.30
7	Gaia Contractors Mississauga, ON	\$304,473.75
8	Top Gun Utilities & Excavation Bradford, ON	Disqualified

*prices arithmetically corrected

Staff has checked the bids for mathematical errors and has corrected the bid price for the bid noted above. They have contacted references for the low bidder and received excellent recommendations on projects of similar nature and magnitude.

Pond #55 is the first of 22 ponds that require cleaning. Public Works received funding for an additional 12 ponds in the 2006 and 2007 Capital Budgets. As many of these ponds are in regulated areas, the approval of the work must go through the applicable agencies before being tendered. In addition, as is the case of Pond #55, works can only be performed in certain times of the year to mitigate any impact on aquatic life. Prior to going to tender, work involved determining silt loading quantities, performing soil analysis and testing, and determination of the best method for cleaning.

In view of the substantial difference between the consultant's estimate and the bid price, the estimates for the previously approved ponds will be reviewed and updated to reflect true cost of doing this work. Public Works will seek Council's approval for the additional funds to complete those works through the 2009 Budget process.

Relationship to Vaughan Vision 2020

This report is consistent with the priorities previously set by Council, specifically Vaughan Vision's A-3 "Safeguard Our Environment", and D-1 "Enhance Productivity & Cost Effectiveness".

Regional Implications

N/A

Conclusion

The removal of sediment in Pond #55 is required to restore the stormwater storage capacity and prevent downstream flooding. The pricing submitted by Iron Trio Demolition will enable the City to complete the work at Pond #55, Cunningham Drive and Sierra Court.

Public Works Division staff has reviewed the bid submissions and have determined that the lowest bid contractor Iron Trio Demolition of Concord, Ontario, meets the requirements of the Contract. The low bid exceeds the 2006 Capital Budget amount for this work, and additional funds are required to perform this work.

Should Council concur with this proposed additional funding request, this action would be considered as an amendment to the Capital Budget. Pursuant to the Municipal Act before amending a budget, a municipality shall give notice of its intention to amend the budget at a Council meeting. Where a capital project has been subject to a public meeting during the adoption of the approved capital budget and where additional funding is required to complete the approved works, inclusion of the matter in a staff report requesting additional funding on a public Committee or Council agenda is deemed to be sufficient notice pursuant to Section 2(1)(c) of Bylaw 394-2002.

Attachments

Location Map

Report prepared by:

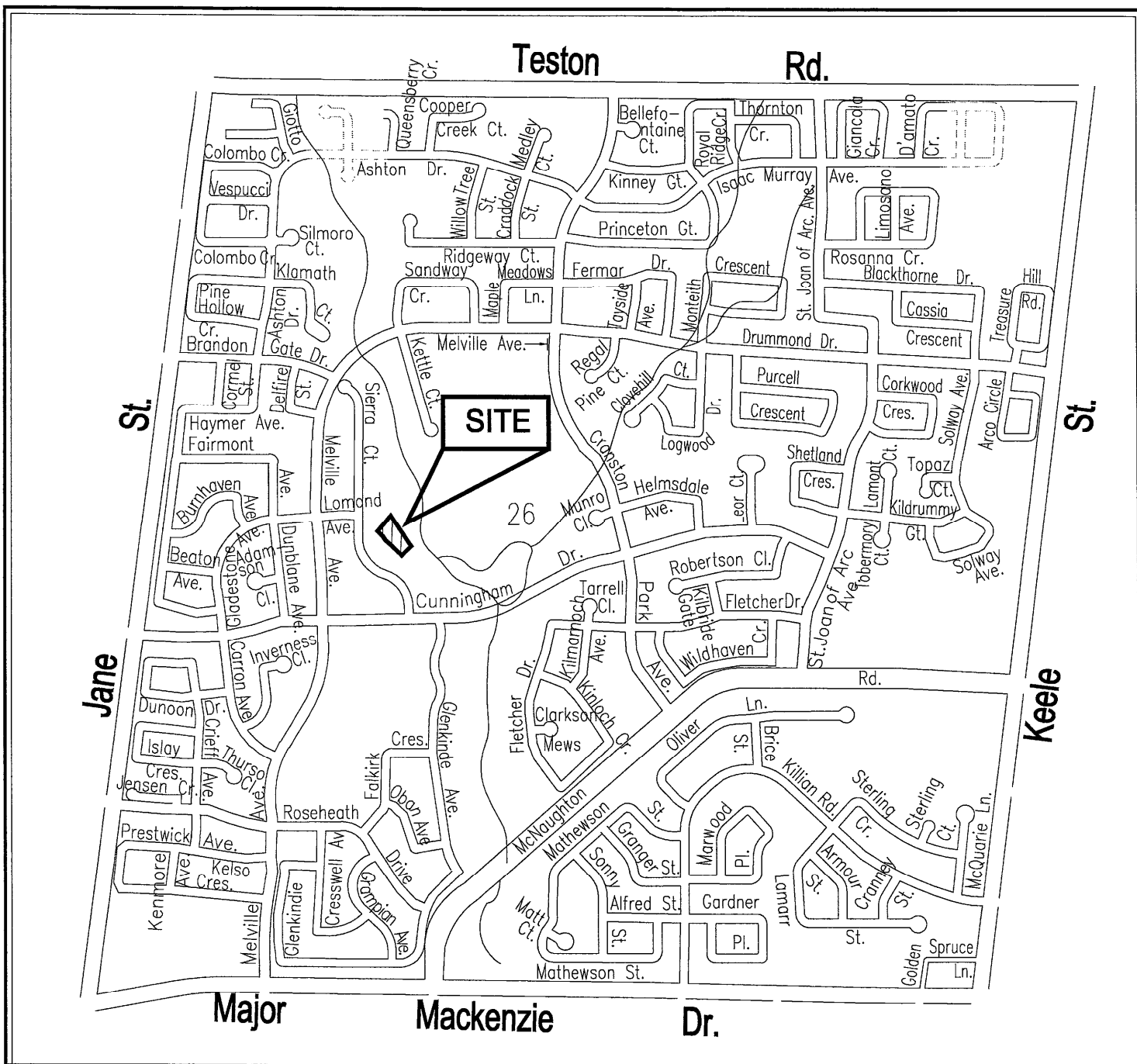
Tina Di Biase, Technical Coordinator
Robert Meek, Manager of Environmental and Technical Services

Respectfully submitted,

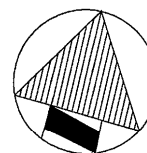
Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

Brian T. Anthony, CRS-S,C Tech
Director of Public Works

LOCATION MAP



STORMWATER MANAGEMENT POND #55



NOT TO SCALE