

## APPENDIX 'A'



## REPORT TO GENERAL COMMITTEE

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**TO:** Mayor and Members of Council

**FROM:** Jerry Klaus, General Manager of Waterworks

**PREPARED BY:** Ernie Ting, Manager of Infrastructure  
Ivy Ho, Purchasing Supervisor

**DATE OF MEETING:** June 20, 2005

**SUBJECT:** RFP Award - 032-R-05, Wastewater Collection System Rehabilitation and Maintenance on Various Streets

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**RECOMMENDATION:**

**THAT** the report entitled "RFP Award - 032-R-05, Wastewater Collection System Rehabilitation and Maintenance on Various Streets" be received;

**AND THAT** RFP 032-R-05 for "Wastewater Collection System Rehabilitation and Maintenance on Various Streets" be awarded to the lowest priced bidder, Liqui-Force Services (Ontario) Inc., in the total amount of \$764,970 exclusive of GST;

**AND THAT** a separate blanket purchase order be issued for contingency in the amount of \$60,710.97 exclusive of GST, the use of which will be governed by the Expenditure Control Policy;

**AND FURTHER THAT** the award be funded from Waterworks Capital Account as follows:

<u>Year</u>	<u>Project Name</u>	<u>Account #</u>	<u>Budget Remaining</u>
2004	Sewer System Upgrade	53-6150-6015-005	\$ 206,880.97
2004	Sewer Works - Infiltration Control	53-6150-6016-005	\$ 438,800.00
2005	Sewer System Upgrade	53-6150-6674-005	\$ 180,000.00
	<b>TOTAL</b>		<b>\$ 825,680.97</b>

**PURPOSE:**

The purpose of this report is to obtain Council approval to award RFP 032-R-05 and proceed with the Capital Project.

**BACKGROUND:**

The rehabilitation of the sanitary sewers extends the life expectancy of the system and reduces liabilities resulting from sewer backups or spill into the environment. The rehabilitation work in this project covers both structural and service repairs. Structural rehabilitation includes repairs of

broken, fractured and cracked pipes as well as repairs of service connections. Service repairs include cleaning and removal of blockages such as calcite, grease, roots and other debris. Reaming of protruding laterals and service laterals repairs are also included.

All repairs and work under this contract are specified to use trenchless repair methods. Structural and service conditions repairs and rehabilitation are completed without any surface or road excavation. All repairs are completed through access from the manhole and completed inside the pipe. These methods result in financial savings and minimize impact of an open excavation repair on area residents and businesses.

The works under this project are in various sanitary sewer sections and locations. The summary of the repairs and other works under this project are:

Repair/Work Required	Details	Length/ No. of Repairs
Flushing/CCTV	High pressure jet cleaning and TV inspection	40 km.
Reaming	Removal of blockages – roots, grease, calcite	1.8 km
Spot Repairs	Structural repairs by relining with short length (1-5 m.) cured in place pipe (CIPP)	124 locations
Full Length Liner	Full section structural repair with cured in place pipe	60 m.
Lateral Repairs	Repair of sanitary sewer laterals from mainline sewers with CIPP including pre and post TV inspection	23 locations

The RFP was evaluated in a two stage process. Stage One was evaluated based on technical pre-established criteria as listed in the RFP. Proponents who have attained a passing grade of 70% will be considered for Stage Two – Price Evaluation. The RFP will then be awarded to the lowest priced proponent from Stage Two. Difficulty and complications in formulating the two stage RFP evaluation and assessment process delayed the 2004 sewer rehabilitation projects. The 2004 and 2005 sewer projects budget were combined to form this contract.

The RFP was issued in accordance with the Purchasing By-Law 2004-341. The RFP closed May 11, 2005. Three companies obtained the bid document and attended the compulsory pre-bid information meeting held on MAY 3, 2005. Two companies, Liqui-Force Services (Ontario) Inc. and Sewer Matic Services, submitted proposals.

The technical evaluation team for Stage one was conducted by 3 staff members from the Waterworks Division and a staff member from Purchasing. The proposals were evaluated based on the following pre-established evaluation criteria with results listed in Table A.

**Table A**

Desirable Evaluation Criteria	Weight	Liqui-Force	Sewer Matic
<b>STAGE ONE</b>			
1. Company Experience and Qualifications	25%	22.5%	21.1%
2. Staff Experience and Qualifications	20%	20.0%	20.0%
3. Project Methodology, Materials and Customer Service	45%	44.5%	39.0%
4. Project Schedule and Work Plan	10%	9.2%	10.0%
Grand Total of Stage One, Technical Proposal – Evaluation Criteria # 1- 4	100%	96.2%	90.1%
STAGE TWO – Price Proposed Exclusive of GST		\$764,970	\$988,895

The bid documents have been verified for accuracy and compliance with the RFP specifications and staff are satisfied that all terms, conditions and bid prices comply with the Town's requirements. Liqui-Force was awarded the same RFP in 2002-2003 and staff are confident that they will continue to provide satisfactory service. Liqui-Force unit prices under this year's RFP have shown an overall increase of 1.5 % from the previous contract.

**FINANCIAL CONSIDERATIONS:**

The award of RFP 032-R-05 for "Wastewater Collection System Rehabilitation and Maintenance on Various Streets" to the lowest priced bidder, Liqui-Force Services (Ontario) Inc., in the total amount of \$764,970 exclusive of GST will be funded from following accounts:

<u>Year</u>	<u>Project Name</u>	<u>Account #</u>	<u>Budget Amount</u>
2004	Sewer System Upgrade	53-6150-6015-005	\$ 206,880.97
2004	Sewer Works – Infiltration Control	53-6150-6016-005	\$ 438,800.00
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<b>TOTAL</b>			<b>\$ 825,680.97</b>

A separate blanket purchase order will be issued for contingency in the amount of \$60,710.97 exclusive of GST, the use of which will be governed by the Expenditure Control Policy.

**ENVIRONMENTAL CONSIDERATIONS:**

None

**ACCESSIBILITY CONSIDERATIONS:**

None

**ENGAGE 21<sup>ST</sup> CONSIDERATIONS:**

This report is consistent with the following:

Infrastructure Management

To build, renew and strategically manage the Town's infrastructure to meet the demands and expectations of the growing community.


Fiscal Stewardship

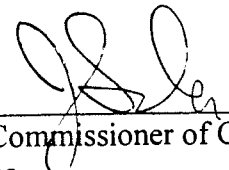
To ensure that resources are managed responsibly and taxpayers receive the best value for their money.

**BUSINESS UNIT CONSULTED AND AFFECTED:**

Contact Centre - residents to be informed of the schedule and work to be done on each street.

Purchasing - has been part of the RFP evaluation and award process. Upon receipt of the signed report, Purchasing Department will initiate the execution of a purchase order for the contract.

  
Peter Loukes, P. Eng.,  
Director of Operations & Asset Management

  
Jim Sales, Commissioner of Community and  
Fire Services