



City of Richmond

Report to Committee

To: Public Works and Transportation Committee *To Public Works & Transportation -*
 From: Robert Gonzalez, P.Eng. *Date: February 20, 2008 Mar 19, 2008*
 Director, Engineering *File: 03-1000-20-3099P*
 Re: Award of Contract 3099P - Sanitary Sewer Assessment for the Steveston Study Area

Staff Recommendation

That Contract 3099P – Sanitary Sewer Assessment for the Steveston Study Area be awarded to the lowest responsive and responsible bidder Earth Tech (Canada) Inc. for the full project scope amount of \$648,263, exclusive of GST.

Robert Gonzalez, P.Eng.
Director, Engineering
(604-276-4150)

FOR ORIGINATING DEPARTMENT USE ONLY					
ROUTED TO:		CONCURRENCE		CONCURRENCE OF GENERAL MANAGER	
Budgets		Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			
REVIEWED BY TAG		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		REVIEWED BY CAO	
		65 1/18		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	

Staff Report

Origin

The city-wide sanitary sewer condition assessment program is part of the City's asset management plan, and five out of eight study areas have already been assessed (see attached map). The Steveston sanitary study area was identified as the next area for assessment, and the project is part of the Council-approved 2007 and 2008 Capital Programs. The purpose of this report is to recommend that Earth Tech (Canada) Inc. be awarded this contract, as per Procurement Policy 3104 (Section V.6).

Analysis

The Steveston sanitary study area contains approximately 88,650 metres of gravity sewers, 1450 manholes and 18 pump stations. The City issued an Expression of Interest to determine qualified proponents and subsequently a Request for Proposal (RFP 3099P) to qualified proponents on November 9th, 2007 to assess the study area with the following scope:

- Sanitary sewer cleaning;
- CCTV and manhole inspection;
- Condition assessment of infrastructure;
- Provision of prioritized rehabilitation recommendations and associated costs;
- Draft and final reports to propose upgrades and restoration of sewers in the 2008 Capital Program and;
- Debris/grease removal and bypass pumping based upon 10% of pipe length requiring this type of work.

The bids were received on November 23rd, 2007 (exclusive of GST) and are listed as follows:

Consultant	Bids
UMA Engineering Ltd.	\$661,051.50
Earthtech Canada Inc.	\$648,263.00
Dayton & Knight Ltd	Withdrew

Corporate policies and procedures have been followed in the solicitation and award of this contract.

Financial Impact

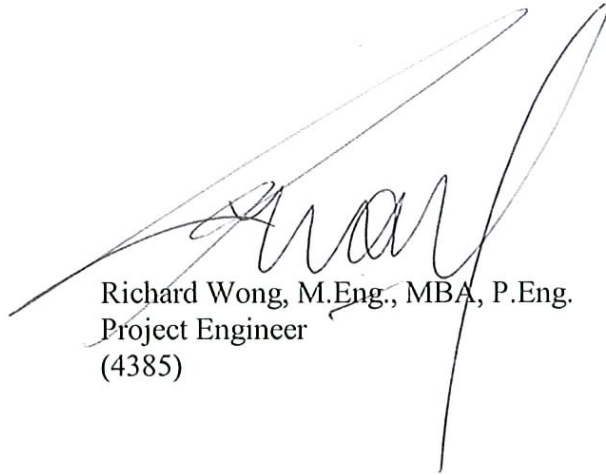
This project was approved by Council in the 2007 and 2008 Capital Programs with funding in place under the project account 1501-60-000-CONTR-0000-40644. The budget amount for this work is \$700,000 and the Full Scope bids are within budget.

Conclusion

The Sanitary Assessment for the Steveston study area will capture the condition of 88,650 kms of sanitary sewers as well as the development of a rehabilitation program for future capital programs. The proposed plan ensures that capital funds are directed to specific program areas, and utilized in the most prudent manner possible.

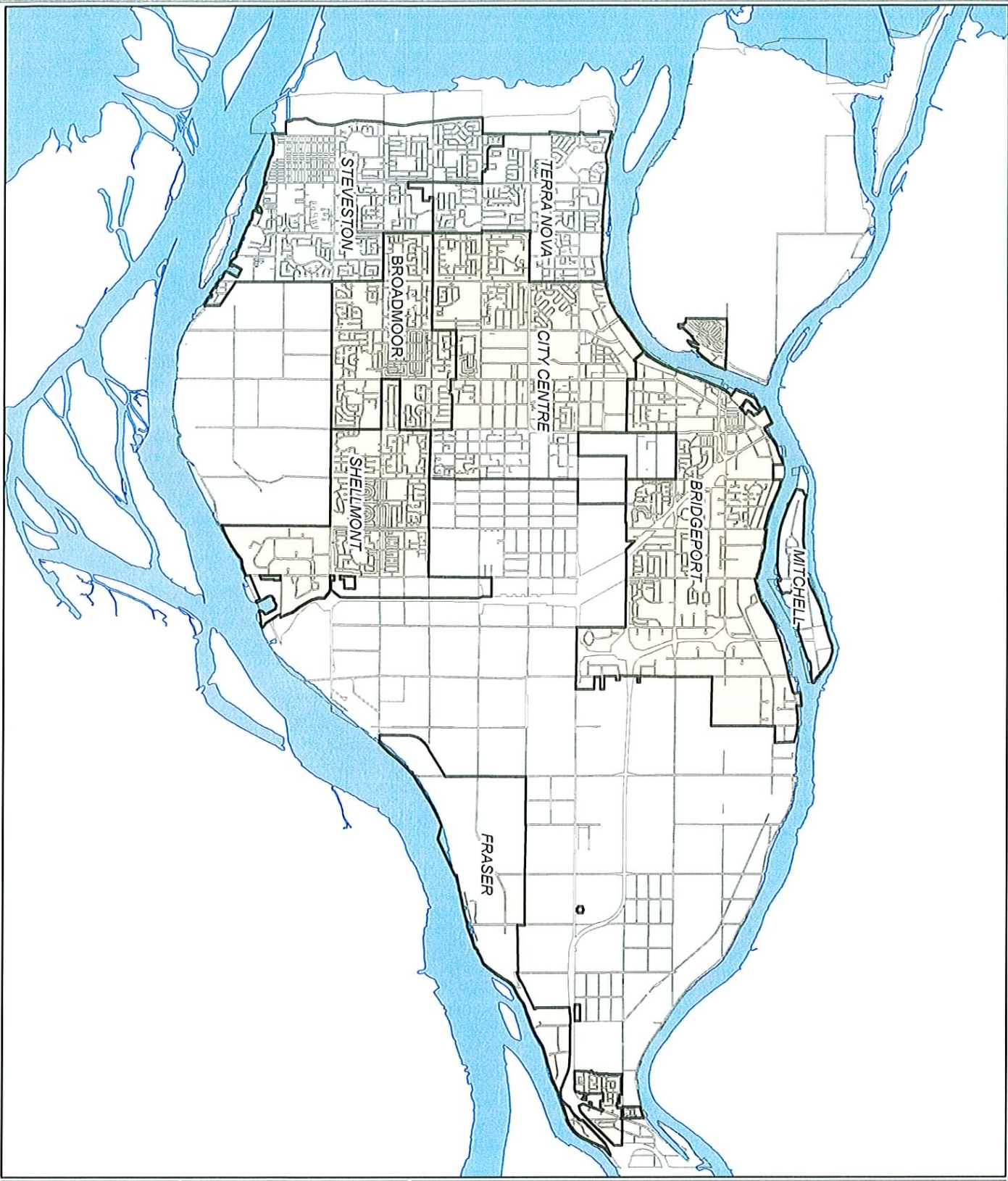


Siu Tse, M.Eng., P.Eng.
Manager, Engineering Planning
(4075)



Richard Wong, M.Eng., MBA, P.Eng.
Project Engineer
(4385)

Sanitary Sewer Study Areas - Condition Assessment Map



Legend

Areas Assessed

276

Data Snapshot Date: February 26, 2008
 Map Created By: spang
 Print Date: February 26, 2008
 Printed By: spang

Note:
 The information shown on this map is compiled from various sources and the City makes no warranties, expressed or implied, as to the accuracy or completeness of the information.
 Users are reminded that no sizes and legal description must be confirmed. This is NOT a legal document, and is published for information and convenience purposes only.
 © City of Richmond, 2008. All rights reserved. Not to be reproduced or distributed without permission.

Scale: 0, 500, 1,000, 2,000 meters
 Scale: 1:90,000
 City of Richmond logo

