

# Corporate Report

NO: R219

COUNCIL DATE: July 28, 2004

#### REGULAR COUNCIL

TO: Mayor & Council DATE: July 26, 2004

FROM: General Manager, Engineering FILE: 2320-20 (sewer rehab.)

SUBJECT: Contract Award M.S. 1220-20-10-04 "Sanitary Sewer Rehabilitation & I/I Reduction Program -

**Robson Park Catchment"** 

## RECOMMENDATION

That the "Sanitary Sewer Rehabilitation & I/I Reduction Program - Robson Park Catchment" be awarded to Chet Construction Ltd. in the amount of \$446,190.00, including contingency and GST.

#### **INTENT**

The intent of this report is to award the above noted annual maintenance contract that involves the supply and delivery of labour and material to determine storm water inflow and infiltration (I&I) sources and to perform sanitary sewer rehabilitation services to mitigate these sources. The contract work is necessary to reduce sewer back-ups in the area and to meet I&I rate limits established under the regional Liquid Waste Management Plan. The following list provides a brief description of the main work required:

- Mainline, flushing, cleaning, air testing, grouting and sealing sewer joints, cracks, and openings.
- Manhole grouting and sealing manhole section joints, cracks and openings.
- Service Interface Reporting and Grouting.
- Pre and Post Closed Circuit Television (CCTV) inspections and reporting of the sanitary sewers.
- Smoke testing the sanitary sewers sections to detect both direct and indirect storm water inflow sources.

### DISCUSSION

The City received three (3) tenders for the Sanitary Sewer Rehabilitation & I/I Reduction Program - Robson Park Catchment". The extensions in all tenders were checked and found correct, as listed below.

Contractor	Tender Price
1. Chet Construction Ltd.	\$446,190.00
2. ABC Pipe Cleaning Services	\$457,308.37
3. Mar-Tech Underground Services Ltd.	\$468,378.86

The low tender submitted by Chet Construction Ltd. is approximately \$11,118 or 2.4 % lower than ABC Pipe Cleaning Services' tender, and meets all the requirements and specifications of the tender. The three bids were within 5% and it appears that the City has received good value and competitive tender pricing for this contract. The pretender estimate was \$539,000, and the tendered amount for the low bidder is approximately 17% or \$92,810 lower. The main difference between the pre-tender estimate and Chet's tender amount was due to the fact that the cost for manhole rehabilitation and the test and grouting work were significantly lower than expected.

Chet Construction Ltd. has indicated that their sub-contractors, Superior City Services Ltd. and Video Pipe Services Ltd., will be performing all of the required contract work. Both sub-contractors are relatively new to this type of

sewer rehabilitation. Superior City Services have performed similar work for the Cities of Burnaby and Victoria in 2003. Currently they have a comparable sewer rehabilitation contract with Burnaby. Video Pipe Services Ltd. has completed similar work for the Cities of New Westminster, Burnaby, North Vancouver, and White Rock. We have contacted municipal references regarding the performance of these entities and all have stated that both subcontractors have satisfactorily completed the work in their respective jurisdictions.

Based on their tender submission and previous experience, it is recommended that the contract be awarded to the low bidder, Chet Construction Ltd.

## FUNDING REQUIREMENTS & AVAILABILITY

Funding requirements for this program is estimated at \$470,000 and is available from the sewer utility budget.

Paul Ham, P.Eng. General Manager, Engineering

## PH/TA/brb

- c.c. Manager, Operations Engineering Dept.
  - Manager, Utilities Engineering Dept.
  - Contracts & Solid Waste Manager Engineering Dept.
  - General Manager, Finance, Technology & HR Dept.

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