

REGIONAL MUNICIPALITY OF OTTAWA CARLETON
 MUNICIPALITÉ RÉGIONALE D'OTTAWA CARLETON

REPORT
RAPPORT

Our File/N/Réf. 19-96-0005-V
 Your File/V/Réf.

DATE 09 September 1996

TO/DEST. Co-ordinator
 Corporate Services and Economic Development Committee

FROM/EXP. Environment and Transportation Commissioner

SUBJECT/OBJET **CAVE CREEK COLLECTOR REHABILITATION PROGRAM
 SEWER RELINING ARMSTRONG STREET TO SCOTT STREET
 CONTRACT NO: CS-6129 - CONTRACT AWARD**

DEPARTMENTAL RECOMMENDATIONS

That the Corporate Services and Economic Development Committee and Council approve:

- 1. The award of Contract CS-6129 to Sewer-Matic Drain Services Ltd., Gloucester, for the relining of the Cave Creek Collector Sewer from Armstrong Street to Scott Street, for a total contract provision of \$2,064,553.55;**
- 2. Funds in the amount of \$1,150,000 to be transferred from the Sewer Depreciation Reserve Fund to increase project authority for the Collector Sewers Rehabilitation Programme from \$2,335,000 to \$3,485,000.**

RATIONALE

As part of the Cave Creek Collector Rehabilitation Program, Phase III, the final phase consists of relining the majority of the collector sewer between Armstrong Street and Scott Steet. As well, due to the age and condition of some of the manholes along the line, several will be replaced. The accessibility issue in these old and deteriorated brick manholes has been an ongoing health and safety issue. Their rebuilding will also facilitate the relining work to take place.

Tenders were received from the following Contractors (excluding G.S.T.):

Taggart Construction Ltd. (Ottawa)	\$1,489,756.00*
Sewer-Matic Drain Services Ltd. (Gloucester)	1,761,265.00
Insituform Canada Ltd. (Pickering)	2,251,955.00
Departmental Estimate:	\$1,724,440.00

*Tender failed to meet technical requirements of the specification.

All tenders were reviewed and were found to be in order with no legal irregularities.

As there are many types of relining systems available on the market today, the specifications were prepared in such a way as to require tender submissions to meet certain performance criteria rather than list a specific product by name.

This relining work is somewhat unique due to the large amount of sewer involved, the large diameter of the pipe and the congested area in which the contractor will have to work. Issues such as noise control, by-pass pumping and maintaining services to adjacent homeowners and businesses are all important. In order to ensure all parties intending to bid this work were aware of some of the intricacies associated with this contract a mandatory pretender meeting was held prior to the close of tenders. In attendance at that meeting were representatives from Inliner Canada, Inliner USA, Sewer-Matic Drain Services Ltd and Insituform Canada Ltd. There was no representation from Taggart Construction Ltd. There was also a site visit scheduled that was attended by both Sewer-Matic Drain Services Ltd. and Insituform Canada Ltd. Again, Taggart Construction Ltd. did not attend.

In their tender submission, Taggart Construction Ltd indicated that they had bid the job using a process called 'Buttress Loc'. They also submitted an alternate method for the same tender amount. Upon detailed review by the consultant, it became apparent that the 'Buttress Loc' process could not meet the requirements of the specifications. Taggart then proposed using the alternate product they had listed in their tender. This is a product called 'Rib Loc'. The technical information on this product was reviewed by the consultant and it was found that this product also did not meet all of the conditions outlined in the specifications. It failed to meet the structural requirements of the specifications and it cannot be supplied and installed in the time allotted for completion of the work.

In reviewing references for the 'Rib Loc' process, representatives from the Cities of Kingston and Toronto, where this process has been used, were contacted. Both representatives indicated that due to a number of technical problems with the supply and installation as well as serious scheduling problems that were encountered, they would not recommend the "Rib Loc" process for use on other similar projects in their communities.

As part of the tender documents, all bidders were required to submit a list of projects outlining their experience with the type of system they were proposing to use, as well as the experience of the staff they proposed to have supervise the work. Taggart Construction Ltd. listed three projects, none of which were the same as their proposed method for this work. In subsequent submissions, 'Rib Loc' (located in Australia) provided a list of projects they had completed, mostly outside of North America and none involving large diameter pipe relining projects. The Taggart Construction Ltd. staff proposed to supervise the work do not appear to have any experience installing the 'Rib Loc' system.

The second low bidder, Sewer-Matic Drain Services Ltd. proposed using two different processes depending on the diameter of the pipe. The consultant has concluded that both processes comply with all requirements of the specifications, and can be supplied and installed in accordance with the specified schedule. All references checked were pleased with the work completed for them and Sewer-Matic staff have direct experience using both of the proposed systems.

Therefore, based on the Consultants detailed review of the tenders submitted and all of the subsequent information provided, it is the Departments recommendation that contract CS-6129 be awarded to Sewer-Matic Drain Services Ltd. based on the fact that they are the lowest tender that complied fully with the technical requirements of the tender documents.

The requested contract award of \$1,761,265, plus an allowance of \$180,000 for contingency for contract variations due to unforeseen conditions, and \$123,288.55 for the G.S.T., brings the total contract award to \$2,064,553.55.

CONSULTATION

Public consultation is not required.

EXPENDITURE JUSTIFICATION

This work is part of the Collector Sewer Rehabilitation Program required to ensure the collector sewer system is kept in good operating condition along with extending the useful life of sewers.

As part of the Sewer Needs Study, this area was identified as a high priority as a result of the poor structural quality of the existing sewer.

FINANCIAL STATEMENT

	\$
Approved Budget to Date	2,335,000
Total Paid & Committed	<u>(1,222,193)</u>
Balance Available	1,112,807
THIS REQUEST	(2,064,554)
Additional Funding	<u>1,150,000</u>
Balance Remaining	<u>198,253</u>

Funds have been provided in the 1996 Capital Budget, Account No. 932-42030, Collector Sewers Rehabilitation Programme (Reference Page 184). The additional funds and authority required in the amount of \$1,150,000 is available for transfer from the Sewer Depreciation Reserve Fund.

*Approved by D. Brousseau
on behalf of M.J.E. Sheflin*

FINANCE DEPARTMENT COMMENT

Funds in the amount of \$1,150,000 are available for transfer from the Sewer Depreciation Reserve fund. Subject to Council approval.

*Approved by T. Fedec
on behalf of the Finance Commissioner*