

ITEM	24
MANAGER'S REPORT NO.	57
COUNCIL MEETING	Aug. 29/77

Re: CONTRACT #7717 - STORM SEWERS, SANITARY SEWERS AND LOCAL IMPROVEMENT WORK DAWSON STREET AND STILL CREEK STREET

Following is a report from the Purchasing Agent dated August 24, 1977 concerning bids received on a tender for the above-noted contract.

Council will note that on the basis of current bids, it has been concluded that the one remaining drainage project in the schedule of works for By-law 6861 will be more costly than originally estimated. Therefore, it is proposed that a special drainage by-law be brought down for the Norland project in order to cover the anticipated short fall.

RECOMMENDATIONS:

1. THAT the lowest tender in the amount of \$1,057,710.88 submitted by Jack Cewe Ltd. and Sonora Construction Ltd., a joint venture, be accepted with final payment to be based on actual quantities and the unit prices tendered; and
2. THAT the Treasurer be directed to bring down a special Drainage By-law for Norland from Douglas to Laurel in the amount of \$402,000.00.

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TO: MUNICIPAL MANAGER

DATE: August 24, 1977

FROM: PURCHASING AGENT

RE: CONTRACT #7717 - STORM SEWERS, SANITARY SEWERS AND LOCAL IMPROVEMENT WORK DAWSON STREET AND STILL CREEK STREET

Tenders for this project were received up to 3:00 p.m. local time, Tuesday, the 9th day of August 1977.

The work of this contract consists of the supply and installation of materials, including all labour, equipment, plant and tools related to the construction of pile foundations for storm sewers and sanitary sewers, installation of storm sewers and sanitary sewers, ancillary sewer work, road works and street lighting underground work, including pole bases and junction boxes, but not including wires, poles or luminaires.

Approximate quantities involved are as follows:

8" dia. sanitary sewer on piles	150 lin. ft.
18" dia. sanitary and 21" dia. storm twin sewers on piles	430 lin. ft.
18" dia. sanitary and 42" dia. storm twin sewers on piles	220 lin. ft.
18" dia. to 60" dia. storm sewers on piles	1,850 lin. ft.
Pile caps, varying sizes	200 each
Timber piling	18,000 vert. ft.
Granular materials for roads	18,000 tons
Asphaltic concrete for roads	5,000 tons

The storm sewer works have been approved by Council under loan authorization By-law 6861 (1976 funds). The road-works constitute part of the 1977 L.I.P. program. The concrete works and final surfacing will be undertaken through a subsequent contract to be called at a later date. Also included in this contract is a section of sanitary sewer construction on Still Creek Street which constitutes the last part of the Central Valley Phase III, Area #7 Sanitary Sewers, the bulk of

RE: CONTRACT #7717 - STORM SEWERS, SANITARY SEWERS AND
LOCAL IMPROVEMENT WORK DAWSON STREET AND STILL CREEK
STREET

163

which are currently under construction by Sonora Construction Ltd. under Contract #7702.

The Engineer's estimate of the total work bid under this Contract is \$1,208,000. The issuance of work orders for the sewer work appears as a separate item on this agenda.

A statement of the spent and committed funds of Drainage By-law 6861 is attached for Council perusal. Within the schedule of works of By-law 6861 there remains one project (Norland from Douglas to Laurel) to be completed. The statement of funds shows that to put this project to tender it is anticipated that by-law will have a shortfall of funds amounting to \$393,607. The re-estimate of Norland is based on the prices tendered for the Still Creek and Dawson. The tendered prices for Still Creek and Dawson were considerably higher than previous prices we had received for storm sewer work in similar peat bog areas.

Because of the anticipated shortfall, the Treasurer has recommended that a special Drainage By-law be brought down for Norland from Douglas to Laurel in the amount of \$402,000.00 including \$8,393.00 for discounts and expenses on the sale of debentures by the Municipal Finance Authority.

The Corporation will make an equitable adjustment to contract unit prices where the asphalt work is affected by the following defined energy related material changes in price.

During the contract term, the Contractor shall advise the Engineer in writing of any changes in the manufacturer's posted published prices, including Federal Excise Tax. The unit prices of asphaltic concrete mix shall be adjusted for payment purposes using the following proportions as a basis of calculation:

Liquid Asphalt	- 6% liquid asphalt by weight
Heating Oil	- 3 Imperial gallons per ton of asphaltic mix supplied.
Natural Gas	- Five Therms per ton of asphaltic concrete mix supplied.
Propane, Butane	- Six Imperial gallons per ton of asphaltic concrete mix supplied.

The Contractor shall list with his tender the posted prices, rates or tariffs of each of the above materials together with a list showing his plants to be used and the materials used at each plant.

Changes in costs of other energy sources such as electricity, gasoline, lube oil, diesel fuel for trucks shall be allowed for in the Contractor's unit prices and shall not be paid for by the Corporation.

Two tenders were received and opened in the presence of Messrs. Constable, Hagen and representatives of the firms bidding.

A tabulation of the tenders received is attached.

All work under this contract shall be completed within one hundred (100) consecutive working days after commencement of construction.


The Municipal Engineer and the Purchasing Agent concur with the following recommendation.

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RECOMMENDATION

1. THAT the lowest tender in the amount of \$1,057,710.88 submitted by Jack Cewe Ltd. and Sonora Construction Ltd., a joint venture, be accepted with final payment to be based on actual quantities and the unit prices tendered.
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K.F. Williams
PURCHASING AGENT

KFW/jm
Attachments (2)

c.c. Municipal Engineer
Municipal Clerk

N.B. The usual bonding and insurance is required.

THE CORPORATION OF THE DISTRICT OF BURNABY
TABULATION OF TENDERS FOR
CONTRACT #7717 - DAWSON STREET AND STILL CREEK

PURCHASING DEPARTMENT
August 9, 1977

<u>NO.</u>	<u>COMPANY</u>	<u>TOTAL</u>
1.	Sonora Construction Ltd. and Jack Cewe Ltd.	\$ 1,057,710.88
2.	H.B. Contracting Ltd.	1,210,572.09

ITEM 24
MANAGER'S REPORT NO. 57
COUNCIL MEETING Aug. 29/77

165

ITEM	24
MANAGER'S REPORT NO.	57
COUNCIL MEETING	Aug. 29/77

STATEMENT OF FUNDS - BY-LAW 6861

<u>By-law Amount</u>		\$2,070,000.
<u>Committed or Spent</u>		
Sundry Extras	\$ 1,000.	
Provision for Depenture Sales	81,500.	
Minor Unspecified Projects		
Work Order 22-180	10,250.	
Work Order 32-897	510.	
Work Order 22-171	15,176.	
Kaymar Ravine	720,341.	
Work Order 35-199	160,400.	
Work Order 32-912	262,000.	
Still Creek - Bid, plus Overhead & Contingency	485,121.	
Dawson - Bid, plus over- head and Contingency	205,425.	
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Total Committed or Spent		\$1,941,723.
Remainder of By-law #6861		\$ 128,277.
Norland - Re-estimate		\$ 521,884.
Shortfall of by-law 6861 Funds		\$ 393,607.