

ITEM 10
MANAGER'S REPORT NO. 17
COUNCIL MEETING 88/03/07

RE: CONTRACT NO. 8715
450 MM DIAMETER WATERMAIN REPLACEMENT
CANADA WAY AND WILLINGDON AVENUE

Council on 1988 January 11 requested that staff review various aspects of procedures involving contracts that are presently in use within the Corporation. To this end, a staff Committee comprised of the Works Engineer as Chairman and the Purchasing Agent and the Chief Building Inspector as members was formed to carry out that review. The Committee has now almost completed its work and is only awaiting receipt of a transcript of a court decision rendered within the last few days on a case involving the City of Vancouver which is considered to have some considerable potential significance to our contracts procedures review. Your Acting Municipal Manager believes that the completed review will be forwarded to Council for its meeting of either 1988 March 21 or March 28.

Certain more specific types of information which the Council has expressed an interest in having at hand when considering the awarding of contracts will be available to members of Council prior to the Council meeting.

ACTING MUNICIPAL MANAGER'S RECOMMENDATION:

THAT the recommendation of the Director Finance be adopted.

* * * * *

TO: MUNICIPAL MANAGER 1988 March 02
FROM: DIRECTOR FINANCE
RE: CONTRACT 8715 - 450 mm DIAMETER WATERMAIN REPLACEMENT
CANADA WAY AND WILLINGDON AVENUE

RECOMMENDATION

1. THAT a contract be awarded to the lowest bidder, Hellyer Services Ltd., to install approximately 2300 metres of ductile iron watermain pipe, and to perform related work, for a total cost of \$352,253.50 with final payment based on actual quantities and unit prices tendered.

REPORT

Tenders for this project were received up to 3:00 p.m. local time on Thursday, 1988 February 18.

The work of this contract includes the installation only of approximately 2300 metres of ductile iron watermain pipe of various sizes, the supply and installation of various required fittings, and other miscellaneous works, all in the vicinity of Canada Way and Willingdon Avenue.

The Director Engineering's estimate for this work is \$375,000.

Ten (10) tenders were received and opened by municipal staff in the presence of representatives of the firms bidding.

A tabulation of the tenders received is attached (Attachment A). A copy of the schedule of approximate quantities and unit prices submitted by the lowest bidder, Hellyer Services Ltd., is also attached (Attachment B).

The past performance of the lowest bidder, Hellyer Services Ltd., has been checked by the Director Engineering and was found to be acceptable.

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During the past three years, Hellyer Services Ltd. has completed numerous contracts. Of the three references checked, two contracts were the same as subject contract 8715 and the other was similar in nature. These contracts ranged in value from \$177,000 to \$934,900 and were completed on schedule, within budget and with no unnecessary claims for extras. According to the references, Hellyer Services Ltd. performed the work quickly and efficiently and complied with the contract specifications.

In 1987 Hellyer Services Ltd. was awarded one of Burnaby's local improvement program contracts for \$1,400,000, and during the performance of the required work, demonstrated that they had the personnel, equipment and the expertise necessary to do excellent work.

Appearing elsewhere on this agenda is a report recommending approval of Work Order 60-21-073 which describes the source of funding for this work.

The Director Engineering concurs with the above recommendation.


Howard Karris
DIRECTOR FINANCE

JV:er
Attach.

cc: Director Engineering

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450MM DIAMETER WATERMAIN REPLACEMENT

CANADA WAY AND WILLINGDON

CONTRACT NO. 8715

TENDER TABULATION

ITEM	NAME	TENDER TOTAL
1.	Cicuto & Sons Contractors Ltd.	\$456,253.00
2.	H.B. Construction Inc.	\$465,513.00
3.	Hellyer Services Ltd.	\$352,253.50
4.	P. Baratta Construction Ltd.	\$399,720.03
5.	Tri-West Contractors Ltd.	\$432,375.00
6.	Riverside Excavating Ltd.	\$404,935.00
7.	United Contractors Ltd.	\$397,134.00
8.	ABS Contracting Ltd.	\$401,555.00
9.	Rocky Construction Ltd.	\$419,782.00
10.	C. Victor Koran Ltd.	\$364,737.00

THE CORPORATION OF THE DISTRICT
SCHEDULE OF UNIT PRICES AND APPROXIMATE

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450mm DIAMETER WATERMAIN REPLACEMENT
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Quantities and the allowance for unclassified work and unclassified materials shown in this schedule are approximate only. Unit prices quoted will be used for the purpose of comparison of tenders, for calculating progress payments, or any authorized additional works or deductions, and shall include the supply of all approved material, labour, equipment, tools and plant entering into the work. The tenderer shall insert a unit price opposite every item. Each item shall be accurately extended and columns totalled to produce an accurate total, otherwise the Tender shall be classified as unbalanced and may be rejected.

NOTE: ALL QUOTATIONS MUST BE TYPEWRITTEN OR HAND WRITTEN IN INK

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>APPROX. QYT.</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
16.1.2	<u>Imported Trench Backfill</u>				
	Pitrun	cu.m.	2000.0	\$ 16.31	\$ 32,620.00
16.1.3	<u>Watermain Pipe, Excavate & Install</u>				
	450mm diameter	Lin.m.	1950.0	\$ 166.15	\$ 324,242.50 ✓
	300mm diameter	Lin.m.	15.0	\$ 150.00	\$ 2,250.00
	250mm diameter	Lin.m.	52.0	\$ 150.00	\$ 7,800.00
	200mm diameter	Lin.m.	145.0	\$ 66.00	\$ 9,570.00
	150mm diameter	Lin.m.	140.0	\$ 65.00	\$ 9,100.00
16.1.5	<u>Pavement Patching</u>	Sq.m.	3000.0	\$ 18.20	\$ 54,600.00
16.1.6	<u>Concrete Sidewalk Removal & Replacement</u>	Sq.m.	75.0	\$ 30.00	\$ 2,250.00
16.1.7.1	<u>Fittings</u>				
	450TM x 450TM x 200FL x 200FL Cross	each	1	\$ 1761.00	\$ 1,761.00
	450TM x 450TM x 200FL Tee	each	1	\$ 1255.00	\$ 1,255.00
	450TM x 450TM x 200FL Tee	each	2	\$ 1255.00	\$ 2,510.00 ✓
	450TM x 450TM x 200TM Tee	each	1	\$ 1199.00	\$ 1,199.00
	450TM x 450FL x 250FL Tee	each	1	\$ 1500.00	\$ 1,500.00
	450TM x 450TM x 150FL Tee	each	4	\$ 1220.00	\$ 4,880.00
	450TM x 250FL x 300FL Tee	each	2	\$ 1685.00	\$ 3,370.00
	300FL x 300FL x 300FL Tee	each	1	\$ 705.00	\$ 705.00
	300FL x 300FL x 200FL Tee	each	1	\$ 710.00	\$ 710.00
	300TM x 150FL x 300FL Tee	each	1	\$ 975.00	\$ 975.00

Schedule of Approximate Quantities and Unit Prices (Cont'd)

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>APPROX. QTY.</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
	250FL x 300TM x 250FL Tee	each	1	\$ 940.00	\$ 940.00
	150TYT x 150FL x 150FL Tee	each	1	\$ 245.00	\$ 245.00
	200FL x 200TYT x 150FL Tee	each	2	\$ 331.00	\$ 662.00
	200TYT x 200TYT x 150FL Tee	each	2	\$ 275.00	\$ 550.00
	150TYT x TYT 90° Bend	each	1	\$ 130.00	\$ 130.00
	450TM x TM 45° Bend	each	4	\$ 1227.00	\$ 4,908.00
	450TM x TM 90° Bend	each	2	\$ 1152.00	\$ 2,304.00
	300FL x TM 45° Bend	each	1	\$ 507.00	\$ 507.00
	150TYT x TYT 45° Bend	each	1	\$ 115.00	\$ 115.00
	300TM x TM 45° Bend	each	1	\$ 426.00	\$ 426.00
	150FL x TYT 45° Bend	each	2	\$ 150.00	\$ 300.00
	150TYT x TYT 22½° Bend	each	1	\$ 113.00	\$ 113.00
	450FL x 300FL Reducer	each	1	\$ 1505.00	\$ 1,505.00
	450TM x 300FL Reducer	each	6	\$ 680.00	\$ 4,080.00
	200TYT x 150FL Reducer	each	1	\$ 150.00	\$ 150.00
	450FL x TM Adapter	each	1	\$ 782.00	\$ 782.00
	450 Standard Coupling	each	1	\$ 420.00	\$ 420.00
	300 Transition Coupling	each	1	\$ 237.00	\$ 237.00
	300 Standard Coupling	each	3	\$ 200.00	\$ 600.00
	250 Standard Coupling	each	3	\$ 175.00	\$ 525.00
	200 Standard Coupling	each	2	\$ 101.00	\$ 202.00
	150 Standard Coupling	each	1	\$ 85.00	\$ 85.00
	150 Transition Coupling	each	1	\$ 85.00	\$ 85.00
	450 TYT Cap	each	1	\$ 450.00	\$ 450.00
	200 TYT Cap	each	3	\$ 130.00	\$ 390.00
	150 TYT Cap	each	3	\$ 100.00	\$ 300.00
16.1.7.2	<u>Valves</u>				
	300FL x FL Gate Valve	each	5	\$ 1211.00	\$ 6,055.00
	300TM x TM Gate Valve	each	1	\$ 1234.00	\$ 1,234.00
	250FL x TM Gate Valve	each	3	\$ 940.00	\$ 2,820.00
	250TYT x TYT Gate Valve	each	1	\$ 865.00	\$ 865.00
	250FL x TYT Gate Valve	each	1	\$ 887.00	\$ 887.00
	200FL x TYT Gate Valve	each	6	\$ 609.00	\$ 3,654.00
	150FL x TYT Gate Valve	each	6	\$ 394.00	\$ 2,364.00
	150FL x FL Gate Valve	each	2	\$ 402.00	\$ 804.00
	300FL x TM Gate Valve	each	1	\$ 1201.00	\$ 1,201.00

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<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>APPROX. QTY.</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
16.1.7.3	Hydrants Hydrant Assembly	each	1	\$2486.00	\$ 2,486.00
16.1.8.1	Service Connections - Supply, Excavate & Install				138
	19mm Diameter	Lin.m.	5.0	\$ 30.00	\$ 150.00
	25mm Diameter	Lin.m.	70.0	\$ 32.00	\$ 2,240.00
	38mm Diameter	Lin.m.	28.0	\$ 35.00	\$ 980.00
16.1.8.2(a)	Corporation Stops				
	19mm Diameter	each	1	\$ 40.00	\$ 40.00
	25mm Diameter	each	2	\$ 50.00	\$ 100.00
	38mm Diameter	each	1	\$ 90.00	\$ 90.00
16.1.8.2(b)	Service Saddles				
	25mm Diameter x 250mm	each	1	\$ 45.00	\$ 45.00
	38mm Diameter x 450mm	each	1	\$ 170.00	\$ 170.00
16.1.9	Tie-ins to Existing Watermain				
	150mm Diameter Ductile Iron	L.S.		\$	\$ 250.00
	150mm Diameter Cast Iron	L.S.		\$	\$ 250.00
	200mm Diameter Ductile Iron	L.S.		\$	\$ 250.00
	200mm Diameter Cast Iron	L.S.		\$	\$ 250.00
	250mm Diameter Cast Iron	L.S.		\$	\$ 250.00
	300mm Diameter Cast Iron	L.S.		\$	\$ 250.00
	300mm Diameter Steel	L.S.		\$	\$ 800.00
	450mm Diameter Steel	L.S.		\$	\$ 450.00
16.1.10	Relocate Existing Air Valves	L.S.		\$	\$ 710.00
16.1.11	50mm Diameter Air Release Valve	L.S.		\$	\$ 1,005.00
16.1.12	Remove and Reconstruct Existing Fire Hydrant	each	3	\$ 850.00	\$ 2,550.00
16.1.13	Box Culvert Crossing	L.S.		\$	\$ 11,000.00
16.1.14	Remove and Replace Existing Blow-down	L.S.		\$	\$ 800.00
	* Contingency				\$ 20,000.00

* Payment of the Contingency Allowance or portions thereof will only be made in the event that the Engineer authorizes additional work, in which case the amount of the payment will be determined as specified in the General Conditions. Any unused portion thereof will be retained by the Owner.

Total Contract Price

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\$ 352,253.50
~~\$ 342,308.50~~

HELLYER SERVICES LTD.
 Name of Company

M. L. HELLYER
 Officer

M. L. Hellyer
 Signature

#4 - 7621 VANTAGE WAY
 DELTA, B. C. V4G 1A6
 Address

FEBRUARY 18, 1988
 Date

(SEAL)