

ITEM	8
MANAGER'S REPORT NO.	13
COUNCIL MEETING	1980 02 18

RE: FINAL COST REPORT/CONTRACT #7901
(ITEM 5, REPORT NO. 45, 1979 JUNE 25)

Following is a report from the Municipal Engineer regarding Contract #7901.

RECOMMENDATION:

1. THAT the report of the Municipal Engineer be received for information purposes.

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TO: MUNICIPAL MANAGER
FROM: MUNICIPAL ENGINEER
SUBJECT: CONTRACT #7901

80 02 07

RECOMMENDATION:

1. THAT this report be received for information purposes.

REPORT

Council on 79 06 25 accepted the tender submitted by S.L. Paving Ltd. for Contract #7901, Norland Avenue, Goring Street and Phillips Avenue road construction, storm sewers, and street lighting. Council requested that upon completion of this contract a report be submitted indicating the final cost of this contract to the Corporation.

All work has now been completed under this contract and we have asked our Engineering Consultant, R.F. Binnie Ltd., to review and itemize the major cost differences in the various unit quantities contained within the contract. We attach Mr. Binnie's review as part of this report.

As can be seen from the submitted figures, a cost reduction of \$104,224 was realized. These savings can be attributed to the utilization of efficient and prudent construction practices and careful control through inspectional procedures on the part of our Consultant.

These savings further illustrate the advantages of unit price contracts which permit flexible control in adapting design and construction to suit the conditions actually encountered in the field while at the same time ensuring that the Corporation receives full credit for such adaptations and improved methods.


MUNICIPAL ENGINEER

WCS/ch
Att.

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Robert F. Binnie Ltd.650 CLYDE AVENUE/WEST VANCOUVER/BRITISH COLUMBIA V7T 1E2
TELEPHONE 926-7734

R.F. Binnie, P. Eng

1980-02-06

Department of the Engineer

The Corporation of the
District of Burnaby
4949 Canada Way
BURNABY, B. C. V5G 1M2

Attention: Mr. W. C. Sinclair, P. Eng.,
Contracts & Construction Engineer.

Dear Sirs:

Re: Burnaby Contract #7901,
S. L. Paving Ltd.

As requested, we are enclosing herewith a brief summary of the main changes in the above contract.

There is a total of 130 items in the Schedule of Approximate Quantities and Unit Prices and analyzing each item in depth would be a major task. As you are aware, it was a fairly complex contract.

Should you require greater detail than provided herein, kindly advise.

Yours truly,

ROBERT F. BINNIE LTD.



R. F. Binnie, P. Eng.

RFB:eb
Encl.

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REPORT ON COSTS

CONTRACT #7901

Norland Avenue - Laurel to Sprott
Goring Street - Douglas to Holdom
Phillips Avenue - North from the
Golf Course Turnoff to
Aubrey Street

SUMMARY

Tender Price:	\$590,532.00
Final Value at Completion of Contract:	\$486,308.25
Total Reduction of Contract Value:	\$104,223.75

MAJOR CONTRACT CHANGES

1. Provisional Sum items in tender documents:	\$34,500.00
Total value of work paid for during contract under Provisional Sum items as extra work in accordance with Clause 40 of the General Conditions of the Contract - for details see Schedule I:	
	7,767.51
Under-run:	\$ 26,732.49
2. Deletion of Aubrey Street reconstruction from contract:	33,300.00
3. Savings in earthmoving portion of Section II of Schedule of Approximate Quantities owing to:	
(a) using material on site instead of wasting at Stride Pit - e.g.- berms on Phillips, and	
(b) Under-run of quantities on Goring St. and over-excavation items not measurable prior to tender.	
Under-run:	23,600.00
4. Decision to eliminate pit run gravel from contract and utilize surcharge material from Norland Ave.	13,520.00
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Total of Major Changes in Contract:	\$97,152.49
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