

Re: Engineering Services for 1976 Storm Drainage Program

Following is a report from the Municipal Engineer regarding proposals for the design of the 1976 Storm Drainage Program.

RECOMMENDATION:

THAT an agreement for engineering services as stipulated in the Engineer's letter dated November 4, 1974 be entered into with Vector Engineering Services Ltd., for the upset limits to their fees (excluding disbursements) as tabulated in the Engineer's report and contained in the firm's letter of proposal dated November 14, 1974, with fees to be based on the Scale of Minimum Fees as recommended by the Association of Professional Engineers of British Columbia.

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TO: MUNICIPAL MANAGER NOVEMBER 15, 1974
 FROM: MUNICIPAL ENGINEER
 RE: ENGINEERING SERVICES FOR 1976 STORM DRAINAGE PROGRAM

In order that we may complete design well in advance of construction, we have established a Storm Drainage Program for construction in 1976. This program is estimated to cost approximately \$1.1 million (1974 unit prices).

By our letter dated November 4, 1974, a copy of which is attached (Attachment "A"), proposals for engineering services as set out in that letter were invited and have now been received from four consultants specializing in this type of work.

The proposals, copies of which are attached (Attachments "B", "C", "D", & "E") offer to undertake the work for upset limits to their fees, as calculated by the Scale of Minimum Fees recommended by the Association of Professional Engineers of British Columbia (excluding disbursements), as set out in the following tabulation:

Project	Vector Engineering Services Ltd.	D. J. Ashford & Associates Ltd.	Web Engineering Ltd.	Allan & Co. Surveying & Engineering Ltd.
A	<u>\$6,376.00</u>	\$11,281.50	\$8,994.00	\$16,300.00
B	<u>\$3,468.00</u>	\$ 5,047.00	\$5,690.00	\$10,657.00
A & B	<u>-----</u>	<u>-----</u>	<u>-----</u>	\$24,988.00

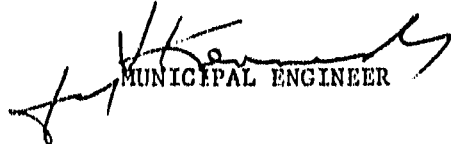
An examination of the above tabulation shows that the lowest aggregate cost for this work is provided by the two underlined figures, namely, the proposal by Vector Engineering Services Ltd. This aggregate total of \$9,844.00 equals approximately 1.0% of the estimated value of construction, which is a very reasonable amount.

Some funds for this type of work are available in the current 1974 Budget (Engineering 22-01-18) and further funds for the balance will be made available in the 1975 Budget.

RECOMMENDATION:

THAT an agreement for engineering services as stipulated in our letter dated November 4, 1974 be entered into with Vector Engineering Services Ltd. for the upset limits to their fees (excluding disbursements) as tabulated above and contained in their letter of proposal dated November 14, 1974. Fees to be based on the Scale of Minimum Fees recommended by the Association of Professional Engineers of British Columbia.

VNW:wlh
 Atts.
 cc: () Municipal Treasurer
 () Municipal Solicitor


 MUNICIPAL ENGINEER

ITEM 17
MANAGER'S REPORT NO. 76
COUNCIL MEETING Nov. 18/74

"A"

4 November, 1974

The Office of the Engineer

D.J. Ashford & Associates Ltd.
1644 Bridgeman Avenue
North Vancouver, B.C.
V7T 1T4

Dear Sirs:

Subject: Engineering Services for 1976 Storm Drainage Program

Our 1976 storm drainage program has been divided into two projects, as per attached lists.

We invite you to submit proposals for your engineering services for field survey, drafting, design and quantity take-off for either or both of the projects listed. Your proposals should indicate an upset limit to your fee for each of the projects and if you so desire, a proposal for the total program in the event that the total program is placed with your firm.

The work shall be performed in accordance with our current standards and as detailed on the attached specification sheets.

The deadline for completion of these designs shall be May 1, 1975. We anticipate that consultants for this work will be appointed by the end of November.

Please submit your proposal by not later than 14 November, 1974.

Yours truly,

E. E. Olson, P. Eng.
MUNICIPAL ENGINEER



By: V. N. Wiebe, P. Eng.
DESIGN ENGINEER

VNW:cmg
Attch.
c.c. () Design Engineer

ITEM 17
MANAGER'S REPORT NO. 76
COUNCIL MEETING Nov. 18/74

D. J. ASHFORD & ASSOCIATES LTD.

1644 BRIDGEMAN AVENUE, NORTH VANCOUVER, B.C. V7P 2T4

Bus. 985-6688

November 14, 1974

RECEIVED IN
ENGINEERING DEPT.

NOV 14 1974

The Corporation of the District of Burnaby
4949 Canada Way
Burnaby 2, B.C.

Attention: Mr. V. Wiebe P. Eng.
Design Engineer

REFER TO	NOTED	DATE
VW		
ACTION BY	B.F.	DATE

Dear Mr. Wiebe,

Engineering Services for 1976 Storm Drainage Programme

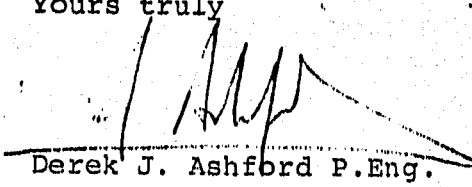
Thank you for the opportunity to submit engineering proposals for engineering services for the above program. We would undertake to complete the work as outlined in your letter of November 4, 1974 (with the two subsequent additions) for a maximum fee of:

Part A	Project 740033	\$11,281.50
Part B	Project 740034	\$ 5,047.00

All work would be charged at the minimum scale of fees as established by the Association of Professional Engineers of British Columbia.

We look forward to hearing from you in the near future.

Yours truly



Derek J. Ashford P. Eng.

DJA:hmc

WEB Engineering Ltd.

101 - 1861 Welch Street
North Vancouver, B.C. V7P 1B7
Telephone 985-9556

November 12, 1974.

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

Attention: Mr. V.N. Wiebe, P. Eng.
Design Engineer

Dear Sirs:

We are pleased to offer engineering services for storm sewer designs (1976 Storm Drainage Program) for the following projects.

Part A - 740033 Total length approximately 16,350 feet

Part B - 740034 Total length approximately 10,900 feet

Basis for payment would be the rates recommended by the Association of Professional Engineers of British Columbia in the latest "Outline of Services and Scale of Minimum Fees" with a maximum sum not to be exceeded. All designs will be completed by May 1, 1975. Designs will conform to the current District of Burnaby's standards and details.

The maximum sums not to be exceeded will be as follows:

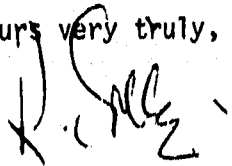
Part A - 740033 - \$8,994.00

Part B - 740034 - \$5,690.00

Travelling and out-of-pocket expenses will be charged separately.

We thank you for the opportunity to present this proposal, and remain,

Yours very truly,



R. Dick, P. Eng.

RD:wh
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ITEM 17
MANAGER'S REPORT NO. 76
COUNCIL MEETING Nov. 18/74

RECEIVED IN
ENGINEERING DEPT.

NOV 13 1974

REFER	DATE
VW	

"D"

ITEM 17
MANAGER'S REPORT NO. 76
COUNCIL MEETING Nov. 18/74

E

YOUR FILE:

PLEASE QUOTE
OUR FILE:

BARRY ALLAN & ASSOCIATES
BRITISH COLUMBIA LAND SURVEYORS

ALLAN & CO. SURVEYING & ENGINEERING LTD.

Head Office:
Suite 101, Austin Heights Building
1046 Austin Avenue
Coquitlam, B. C.
Telephone 939-4451

Branch Office:
Suite D, 22359 Lougheed Hwy.
Haney, B. C.
Telephone 467-4134

November 14, 1974

RECEIVED IN
ENGINEERING DEPT.

NOV 14 1974

REFER TO	NOTED	DATE
VW	MM	

The Municipal Engineer,
The Corporation of the District of Burnaby,
4949 Canada Way,
Burnaby,
British Columbia.

Attention: Mr. E. E. Olson, P.Eng.

Dear Sir:

Re: Engineering Services for 1976 Storm
Drainage Program

I refer to your letter dated November 4, 1974 regarding the above subject and am pleased to submit our upset fee for our engineering services for field survey, drafting, design and quantity take-off for the following projects:

- 1. PART A - 740033.....\$ 16,300.00
(SIXTEEN THOUSAND AND THREE HUNDRED DOLLARS)
- 2. PART B - 740034.....\$ 10,657.00
(TEN THOUSAND, SIX HUNDRED & FIFTY SEVEN DOLLARS)

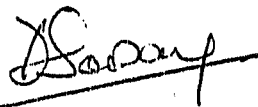
TOTAL PROGRAM

- 3. PART A - 740033 AND PART B - 740034.....\$ 24,988.00
(TWENTY FOUR THOUSAND, NINE HUNDRED & EIGHTY-EIGHT DOLLARS)

The work will be performed in accordance with your current standards and as detailed on the attached specification sheets of your letter of November 4, 1974.

I trust that this enclosure meets your requirements.

Yours very truly,



D. Soosay, P.Eng.
CONSULTING ENGINEER.

c.c. Mr. V. N. Wiebe, P.Eng.,
Design Engineer,
Corporation of the District of Burnaby,
4949 Canada Way,
Burnaby,
British Columbia.