

Re: Engineering Services for the Design of Roads and a
Parking Lot Layout Related to Municipal Hall Renovations
(Report of the Municipal Hall Capital Committee to Council, Apr.21/75)

Following is a report from the Municipal Engineer regarding tenders for the design of the subject work. The tenders were invited in compliance with the authorization that was given on April 21, 1975 when Council considered a report from the Municipal Hall Capital Committee on a renovations and site development plan.

RECOMMENDATION:

1. THAT Council ratify the Municipal Manager's action to have the selected consultant commence work on May 2, 1975 prior to having an engineering agreement formalized, and that such an agreement be entered into with R.F. Binnie Ltd. for an upset fee of \$5,765 plus disbursements.

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TO: MUNICIPAL MANAGER MAY 2, 1975
FROM: MUNICIPAL ENGINEER
RE: ENGINEERING SERVICES FOR DESIGN OF ROADS AND PARKING
LOT RELATED TO MUNICIPAL HALL RENOVATIONS

Further to Council's approval on April 21, 1975 of a Municipal Hall Site Development plan, I have invited proposals from three qualified consultants to provide engineering services for the survey, design and preparation of quantity schedules for the proposed internal service road, the revised parking lot layout, the relocated bus and passenger drop-off loop and the new entrance into the vehicle compound. Their terms of reference also included all necessary drainage facilities and post top lighting for all areas noted above.

The three proposals have now been received and I hereby submit the following synopsis with comments:

1. All three proposals, copies of which are attached (Attachments "A", "B" and "C"), are in accordance with the terms of reference given to the consultants at the time they were interviewed and all state that the work can be completed by May 31, 1975.
2. All proposals also state that their fees will be charged in accordance with the "Scale of Minimum Fees" published by the Association of Professional Engineers of British Columbia. More specifically the fees requested are as follows:
 - (i) Robert F. Binnie Ltd. - fees not to exceed \$5,765. plus disbursements.
 - (ii) Vector Engineering Services Ltd. - fees not to exceed \$6,000. plus disbursements.
 - (iii) McElhanney Surveying & Engineering Ltd. - fee estimated to be \$6,900. plus disbursements.

Based on these proposals and the fact that time is of the essence, I have advised R. F. Binnie Ltd., to commence work this morning, Friday, May 2, 1975 and that a formal engineering agreement will be entered into early next week.

RECOMMENDATION:

THAT Council confirm the Municipal Manager's action to authorize the selected consultant to commence work on May 2, 1975 prior to having an engineering agreement formalized, and that such an agreement be entered into with R. F. Binnie Ltd. for an upset fee of \$5,765. plus disbursements.

VNW:wllh
Atts.
cc: () Director of Planning
() Chief Building Inspector - Project Coordinator
() Municipal Treasurer


MUNICIPAL ENGINEER

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MANAGER'S REPORT NO. 33

COUNCIL MEETING May 5/75

(2)

The Corporation of the
District of Burnaby

May 1, 1975

It is understood that the Corporation of the District of Burnaby will provide the following:

1. A base line along the centreline of the Internal Service Road.
2. Furnish all necessary legal drawings and ties thereto from the base line that are required to properly locate the entire works.
3. As-built drawings of existing storm sewers and their capacities if there is any danger of overloading them.
4. Where storm sewers are not available for the discharge of storm water, we will be advised as to the discharge location.

We are prepared to undertake the civil design as described above for a sum not to exceed Four Thousand Nine Hundred and Seventy-Five dollars (\$4,975.00). Our fees will be based on the scale of minimum fees outlined by the Association of Professional Engineers of British Columbia.

Insofar as the lighting is concerned, we would engage the services of R. P. Shaflik Engineering Ltd. and, based on the above-mentioned schedule of fees, the amount for the complete electrical design will not exceed an additional Seven Hundred and Ninety dollars (\$790.00).

In order to avoid any delay, we may ask for assistance from you to have B. C. Hydro provide us with the electrical take-off points promptly.

We understand you will be establishing the base line this weekend. Our schedule contemplates survey work during the evenings of the following week and completing the field survey the following weekend (May 10th and 11th).

... 3.

Robert F. Binnie Ltd.

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(3)

The Corporation of the
District of Burnaby

May 1, 1975

The work will, to all intents and purposes, be to the same standards as our present street design engineering contracts, the take-off of quantities being included.

We understand that the work must be completed by May 31, 1975, but we will do our utmost to complete the work by May 23, 1975.

In order to do this, we must have immediate advice from you if we are to be awarded the work.

In summary, we are prepared to undertake the entire works outlined for a sum not to exceed Five Thousand, Seven Hundred and Sixty-Five dollars (\$5,765.00).

We trust you will find this satisfactory.

Yours very truly,

ROBERT F. BINNIE LTD.



R. F. Binnie, P. Eng.

RFB:eb

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Vector engineering services ltd.

3375 NORLAND AVENUE - BURNABY, B.C. V5B 3A9

TELEPHONE 298-2333

RECEIVED IN
ENGINEERING DEPT.

APR 30 1975

REFER TO	INITIALS	DATE
VK	VK	
WJ		

April 30, 1975

The Corporation of Burnaby
4949 Canada Way
Burnaby, B. C.

Attention: Mr. V. Wiebe

Dear Sir:

Re: Engineering Services for
Municipal Complex Site Development
Our File No. 57-09

We are pleased to submit our proposal to provide engineering service for the design of roads improvements and storm sewer installations discussed in your office on April 28, 1975. Our engineering service would include:

1. The complete design, including field survey and drafting of storm sewer installations with outfalls to Canada Way and Gilpin Street. This proposed installation would be designed to serve the internal service road as well as proposed parking lots and adjacent catchment areas.
2. The complete design, including field survey and drafting, of the proposed widening and extension of the service road, bus loop, and access road to the vehicle compound.
3. The complete design of the proposed surface improvements for the 207 space parking lot.
4. The complete design of ornamental lighting for the roads and parking area.

Our fee for this work will be in accordance with Scale I of the Scale of Minimum Fees published by the Association of Professional Engineers of B. C. We estimate that this fee will not exceed \$6,000.00.

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Our estimated fee does not include any allowance for disbursements as covered by Section V of the Scale of Minimum Fees and these would be charged at cost plus 10%. The use of a company survey van and personal vehicles would be charged as disbursements.

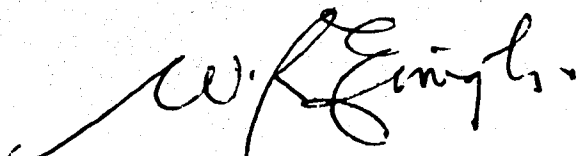
We estimate that 4 weeks will be required to complete this project. Should our proposal be accepted we would begin work on Saturday, May 3 in the area of the present parking lot.

We have not included any allowance in our estimate for proposed widening of Canada Way or Gilpin Street. The storm sewer outfall at the Gilpin Street end is anticipated to be in the vicinity of the Municipal West Building. We understand that survey control and other points of reference will be provided on the ground, by Municipal Survey Crews. Benkleman beam data would be supplied by Burnaby.

Thank you for the opportunity to present this proposal. Should you have any enquiries or need further information, please call our office.

Yours very truly,

VECTOR ENGINEERING SERVICES LTD.



W. R. Emigh

WRE/nk

