

ITEM	11
MANAGER'S REPORT NO.	15
COUNCIL MEETING	88/02/29

RE: ENGINEERING SERVICES FOR THE DESIGN AND CONSTRUCTION OF SERVICES  
FOR MUNICIPAL SUBDIVISION NO. 153/87  
CARIBOO HEIGHTS, AREAS 1 AND 7

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendation of the Director Engineering be adopted.

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TO: MUNICIPAL MANAGER 1988 FEBRUARY 24

FROM: DIRECTOR ENGINEERING

SUBJECT: ENGINEERING SERVICES FOR THE DESIGN AND CONSTRUCTION  
OF SERVICES FOR MUNICIPAL SUBDIVISION #153/87 -  
CARIBOO HEIGHTS, AREAS 1 AND 7

RECOMMENDATION:

THAT Council approve of the Corporation entering into an Engineering Agreement with R.F. Binnie & Associates Ltd. to provide the necessary engineering services for the design and construction of services for Municipal Subdivision Reference No. 153/87, areas 1 and 7 of Cariboo Heights.

S U M M A R Y

On 1987 October 05, Council adopted a recommendation authorizing the Director Engineering to provide terms of reference for the preparation of engineering drawings required for the extension of 16th Avenue and for the construction of roads and other services within areas 1, 7, and a portion of area 2 of the Cariboo Heights Development Project. A consultant is currently designing the extension of 16th Avenue and this report deals with the hiring of a consultant for the design and construction of roads and other services within areas 1 and 7. The engineering services for the design and construction of utilities in area 2 will be dealt with administratively within the next two to three weeks.

R E P O R T

The report which Council discussed at their meeting of 1987 September 28 and subsequently approved on 1987 October 05, (Item No. 10, Municipal Manager's Report No. 58, 1987 September 28) dealt with the general subject of providing an update to Council of the status of the Cariboo Heights Development Project. The report also identified an implementation strategy. That report indicated a strong desire to begin construction of services in the Spring of 1988 with the intent that such servicing would be substantially complete by the Fall of 1988, thereby allowing the Corporation to market at least some of the lots before the year end.

In order to meet such a schedule, it is important that we initiate the design process immediately. In this regard, the Director Engineering has requested proposals for the necessary engineering services from five reputable consulting firms. Each of these consultants have qualified engineers and technicians on staff and all have strong backgrounds in

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subdivision servicing. Each consultant was asked to provide details of their experience and expertise related to this type of project together with details of their intended method of approach to the project. They were also asked to submit a work schedule and an estimate of their fees.

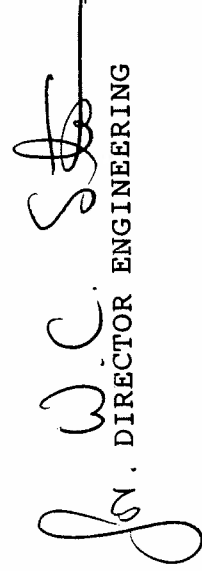
The five consultants who were requested to submit proposals were:

- VECTOR ENGINEERING SERVICES LTD.           \$117,544  
(excluding  
(disbursements)
- ASSOCIATED ENGINEERING (B.C.) LTD.       \$121,212
- R. F. BINNIE & ASSOCIATES LTD.           \$104,440  
(excluding  
(disbursements)
- REID CROWTHER & PARTNERS LTD.           \$137,650
- ACRES INTERNATIONAL LTD.                 No proposal  
submitted

The four proposals which were received (one firm declined because of work load commitments) were reviewed by Engineering Department staff as well as by Mr. J. Simons who is the Project Manager for the Cariboo Heights Project. The review included an assessment of each company's experience and expertise, their understanding of the Terms of Reference, their ability to comply with the deadlines, their proposed methodology, their scheduling plan, and their budget for engineering fees. Based on the aforementioned assessment, it was concluded that it would be in the Corporation's best interest to enter into an Engineering Agreement with R.F. Binnie & Associates Ltd. on the basis that their proposal thoroughly addresses all the major criteria and their engineering fees are more competitive than the fees proposed by the other three consultants.

It is therefore recommended that the firm of R.F. Binnie & Associates Ltd. be retained to perform the engineering services as called for in the Corporation's Terms of Reference and that they be advised to begin work immediately. The Purchasing Agent concurs with this recommendation.

R.F. Binnie & Associates Ltd. has submitted an estimate of their total fees for this project in the amount of \$104,440 excluding disbursements. It has been our experience that disbursements average approximately 5% or less and therefore it would be appropriate to budget an amount of \$110,000 for this portion of the project. Funding for this work will come from the Land Assembly and Development Reserve.

  
J.W.C. S.  
DIRECTOR ENGINEERING

VNW:dp  
cc: Director Finance  
Director Planning & Building Inspection  
Municipal Solicitor