

TO: CITY MANAGER

DATE: 1996 11 06

FROM: DIRECTOR ENGINEERING

FILE: 50-06-22

SUBJECT: BYRNE ROAD - MARINE WAY TO FRASER PARK DRIVE
(PHASE II)

PURPOSE: To seek Council authority to retain a consultant for design and construction supervision services for the upgrading of Byrne Road between Marine Way and Fraser Park Drive (Phase II).

RECOMMENDATION:

1. THAT Council approve the retention of Associated Engineering (B.C.) Ltd. to provide engineering consulting services for this project as more specifically detailed in this report.

REPORT


Byrne Road, south of Marine Way, is designated as a major industrial collector street and currently serves as the principal access to the rapidly expanding industrial development in the Big Bend area.

Phase I of Byrne Road improvements between Marine Way and Royal Oak Avenue is currently under construction. This work consists primarily of infilling the west side ditch; the installation of a storm sewer; the upgrading of cross culverts; and the widening of the travelling lanes. Phase II is a similar type of construction activity extending approximately 500 metres further south. The current construction schedule calls for Phase II construction to commence in the Summer of 1997.

Proposals for design and construction supervision services for these Phase II Byrne Road improvements have been received from three consulting firms. Each of these firms is well established with qualified engineers and technicians on staff. As well each firm has assembled a team of sub-consultants to address the various specialty aspects of this project. The three companies are Associated Engineering (B.C.) Ltd., UMA Engineering Ltd., and Aplin & Martin Consultants Ltd. The proposals were reviewed on the basis of several weighted factors including such items as experience and expertise of the consultant's company and assigned staff, proven ability based on the consultant's previous work history, references, project understanding, completeness of proposal, schedule, and total cost implications. Assessment of each of these factors on the scored point basis provided a quantitative method for consultant evaluation.

The evaluation rating method established that the proposal prepared by Associated Engineering (B.C.) Ltd. most closely meets the needs of the City. Their proposal outlines an appropriate level of effort to fulfill the City's Terms of Reference for this project. Associated Engineering have sound experience in major road design and construction and in project management both within the City of Burnaby and surrounding municipalities. Their team demonstrated a complete understanding of the project and a high concern for the sensitive nature of this site. In addition, Associated Engineering are currently providing the consultant services for Phase I construction. These services have proved to be completely satisfactory.

It is recommended that the City enter into an engineering agreement with Associated Engineering (B.C.) Ltd. to provide engineering services for the design and construction of the Phase II Byrne Road improvements at an estimated fee of \$105,000 for this project. Funding for the required engineering services is included in the 1996 Capital Program (Major Roads) and has been previously approved by Council under an existing work order.


DIRECTOR ENGINEERING

VNW:jb
Attach.

cc: Director Finance
Purchasing Agent