

Re: Engineering Services for the Design of Municipal Utilities and Other  
Subdivision Services in the Sussex-Grassmere Subdivision (S.D. Ref. 63/74)

Following is a report from the Municipal Engineer regarding tenders for the design of utilities in Subdivision Reference 63/74.

RECOMMENDATION:

1. THAT the Purchasing Agent be authorized to issue a Purchase Order under the terms of an Engineering Agreement to Vector Engineering Services Ltd., for the works listed in the Engineer's letter of November 26, 1974, with the fees for these services to be in accordance with the 'Outline of Services and Scale of Minimum Fee' as published by the Association of Professional Engineers of B.C. to a maximum of \$5,900.00 plus disbursements (Payroll cost plus 125%).

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TO: MUNICIPAL MANAGER

DECEMBER 12, 1974

FROM: MUNICIPAL ENGINEER

RE: ENGINEERING SERVICES FOR THE DESIGN OF MUNICIPAL UTILITIES AND OTHER  
SUBDIVISION SERVICES IN THE SUSSEX-GRASSMERE SUBDIVISION (S.D. REF. 63/74)

On August, 1974 Council approved a recommendation to undertake preliminary survey and design for the installation of services in the afore-mentioned subdivision.

The retention of a Consultant for the preliminary design and survey, including an estimate of same, for the link between Nelson and Wayburne will be forth coming as soon as the legal surveying is further advanced.

Proposals for engineering services were invited from three reputable firms by our letter of November 26, 1974 (see Attachment "A"). A brief summary of the proposals is as follows:

Vector Engineering Services Ltd.

Design and quantity take-off as per the Corporation's terms of reference for an upset fee of \$5,900.00 plus disbursements based on the outline of services and scale of minimum fees as recommended by the Association of Professional Engineers of B. C. (Payroll cost plus 125%).

Hunter, Laird Engineering Ltd.

Design and quantity take-off as per the Corporation's terms of reference for an upset fee of \$8,900.00 plus disbursements based on the outline of services and scale of minimum fees as recommended by the Association of Professional Engineers of B. C.

McElhanney Surveying & Engineering Ltd.

Design and quantity take-off as per the Corporation's terms of reference for an upset fee of \$8,380.00 plus disbursements based on the outline of services and scale of minimum fees as recommended by the Association of Professional Engineers of B. C.

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RECOMMENDATION:

THAT the Purchasing Agent be authorized to issue a Purchase Order under the terms of an Engineering Agreement to Vector Engineering Services Ltd. for the works listed in the Engineer's letter of November 26, 1974. The fees for these services are to be in accordance with "Outline of Services and Scale of Minimum Fee" as published by the Association of Professional Engineers of B. C. to a maximum of \$5,900.00 plus disbursements (Payroll cost plus 125%).

VNW:wlh  
Atts.  
cc: ( ) Municipal Treasurer

  
MUNICIPAL ENGINEER

ITEM 9  
MANAGER'S REPORT NO. 84  
COUNCIL MEETING Dec. 16/74

"A"

**THE CORPORATION OF THE DISTRICT OF BURNABY**

MUNICIPAL HALL  
4949 CANADA WAY  
BURNABY B.C. V5G 1M2  
TELEPHONE 299-7211

26 November, 1974

The Office of the Engineer

Vester Engineering Ltd.  
3375 Norland Avenue  
Burnaby 2, B.C.

Dear Sirs:

Subject: Engineering Services for the Design of Utilities in  
the Sussex-Grassmere Subdivision (S.D. Ref. No. 63/74)

The above noted Municipal subdivision lying south of Moscrop and west of Sussex is to be serviced in 1975 and therefore the design of all Municipal services must be completed and approved by 28 February, 1975. The extent and type of improvements required are outlined on the attached schedule. Preliminary plans of the subdivision, including extent of existing storm, sanitary and water facilities, are also enclosed.

As you are aware, we find it necessary that you stipulate an upset limit for your fee for this work whenever you consider it possible.

We would appreciate receiving your proposal by 10 December, 1974.

Yours truly,

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

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

VNW:cng

Attach.

c.c. ( ) Planning Director  
( ) Design Engineer



"A"

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SCHEDULE OF IMPROVEMENTS FOR SUSSEX-GRASSMERE SUBDIVISION

**A. STREETS**

Design finished pavement and curb and gutters on both sides including boulevard grassing and tree planting for the following streets:

28 Foot Standard

1. Harken Drive - Sussex to existing end of Harken Drive
2. Sussex Avenue - Harken Drive to Grassmere Street

**B. WALKWAYS**

Design a concrete sidewalk, 5 feet wide, in the 10 foot walkway easement between Sussex Avenue and the buffer strip to the north.

**C. WATERWORKS**

Design water distribution network to serve all the proposed lots including adequate fire protection for the area.

**D. SANITARY SEWERS AND DRAINAGE WORKS**

Design storm and sanitary sewer systems to serve all the proposed lots. Also divert any watercourses which may interfere with individual lot development as per proposed subdivision plan.

**E. STREET LIGHTING**

Design street lighting for all streets listed in Section A. above.

**F. B.C. HYDRO POWER AND GAS AND B.C. TELEPHONE**

The design of these facilities will be done by the respective utility companies upon request from the Corporation. It will be the Design Consultant's responsibility to coordinate his design with that of the utility companies.

**G. EASEMENTS AND LEGAL SURVEY**

All legal survey work, subdivision approval and registration will be done by the Corporation.

**H. GENERAL**

Design shall include all necessary field survey, drafting, quantity take-off and preparation of "as built" drawings.

All work shall conform to Corporation of Burnaby standards and specifications.

When doing field work every precaution must be taken to preserve the natural vegetation of the area.

Information regarding existing services adjacent to this site is available from the Corporation's Design Division.