

ITEM 13
MANAGER'S REPORT NO. 61
COUNCIL MEETING Sept. 29/75

Re: INSPECTION SERVICES FOR WATERMAINS IN
BIG BEND AREA (PHASE II)

Following is a report from the Municipal Engineer regarding inspectional services for installation of watermains in the Big Bend Area (Phase II).

The Engineer advises that there is really only one suitable firm in this area to do the inspectional work on this project (Dayton and Knight) because (a) of the highly specialized nature of the work, and (b) the more important fact that this firm did the original design work.

If in the future we feel that the Municipality's interests would be best served by having the design and inspectional work performed by the same firm, as is the case in this particular situation, we will so recommend when the report on proposals for design goes forward. This will give Council the opportunity to deal with both of the related matters at the same time.

RECOMMENDATION:

1. THAT the services of Dayton & Knight Ltd. be retained for resident inspection and general supervision of the Big Bend watermains (Phase II) installation in accordance with the proposal as stipulated in Dayton & Knight's letter dated September 15, 1975.

* * * * *

TO: MUNICIPAL MANAGER
FROM: MUNICIPAL ENGINEER
RE: INSPECTION SERVICES FOR WATERMAINS
IN BIG BEND AREA (Phase II)

23 SEPTEMBER, 1975

On May 13, 1974, Council authorized the retention of Dayton & Knight Ltd. for the performance of engineering design services related to watermains in the Big Bend Area (Phase II). As part of their agreement Dayton & Knight Ltd. prepared contract documents which were recently tendered and resulted in Council awarding a contract (#7517) to Sonora Construction Ltd. Dayton & Knight Ltd. were previously retained for the design and inspection supervision of the Phase I Big Bend watermain installations.

Consistent with our previous reports on the retention of consultants for inspection services, we would point out that it is advantageous to have design consultants responsible for the supervision of the implementation of their own designs. Further, the Outline of Services and Scale of Minimum Fees as published by the Association of Professional Engineers of B.C. allows for a higher rate of remuneration on full time resident engineering services where the design services have been completed by others. Dayton & Knight Ltd. have submitted a proposal for inspectional services for the Big Bend watermains (Phase II) installation (see attachment "A"). For the reasons as stated above plus the fact that Dayton & Knight Ltd. have gained valuable experience from their work on Phase I we would recommend that this firm be retained for inspectional services on Phase II.

Dayton & Knight's proposal states that remuneration would be on the basis as laid out in the Outline of Services and Scale of Minimum Fees booklet.

RECOMMENDATION:

THAT the services of Dayton & Knight Ltd. be retained for resident inspection and general supervision of the Big Bend watermains (Phase II) installation in accordance with the proposal stipulated in Dayton & Knight's letter dated 15 September, 1975.

WGS:wjh
Att,


MUNICIPAL ENGINEER

ITEM 13
 MANAGER'S REPORT NO. 61
 COUNCIL MEETING Sept. 29/75

ATTACHMENT "A"

R. GORDON KNIGHT, P. ENG.
 MARTIN J. J. DAYTON, P. ENG.
 AGRIS BERZINS, P. ENG.
 KENLEY R. KERR, P. ENG.



DAYTON & KNIGHT LTD. Consulting Engineers
 1865 MARINE DRIVE, BOX 91247, WEST VANCOUVER, B.C. V7V 3N9 PHONE 922-3255

September 15, 1975

The District of Burnaby,
 Municipal Hall,
 4949 Canada Way,
 Burnaby, B.C.

Attention: Mr. C. Walters,
Contract Supervisor

Dear Mr. Walters,

Re: Resident Inspection and General
 Supervision Services for Big Bend
 Phase 2 Watermains

We are pleased to submit the following for Resident Inspection and General Supervision for Big Bend Watermains, Phase 2.

Our services would be similar to Phase I and would include:

1. Field layout of work and renewal of line and grades as required.
2. Resident inspection and supervision.
3. Preparation of daily reports, monthly summaries and progress payments.
4. General supervision by project engineer involving normally one or two trips per week from office to job site, plus other office work involving revisions, meetings, and negotiations with Contractor.
5. Supply of "As Constructed" information to Burnaby for drafting by Burnaby.

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ITEM 13
MANAGER'S REPORT NO. 61
COUNCIL MEETING Sept. 29/75

2/Continued ...

District of Burnaby
September 15, 1975

Duration of the construction period is expected to be three months, but the following fees are based upon four months because of our experience with Phase I.

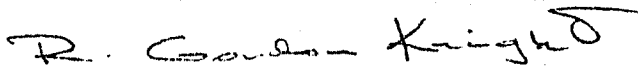
Fees would be similar to Phase I and as follows:

1. Monthly rate not to exceed \$7,500 per month;
2. Invoices would be submitted monthly on the basis of Scale I, Payroll Cost Plus Percentage. Resident staff would be charged at payroll plus 85% plus disbursements, while other staff would be payroll plus 100% plus disbursements.

Please let us know if the above is satisfactory.

Yours very truly,

DAYTON & KNIGHT LTD.



R. Gordon Knight, P.Eng.

RGK/cflh