

RE: BNR GRADE SEPARATION CONTRACT #8211
M.D.M. ENTERPRISES LTD. AND CONTRACT #8212A
GRIMWOOD CONSTRUCTION CO. LTD. - EXTENSION OF TIME

ITEM	6
MANAGER'S REPORT NO.	62
COUNCIL MEETING	1982 11 08

MUNICIPAL MANAGER'S RECOMMENDATION:

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

* * * * *

TO: MUNICIPAL MANAGER 82 11 02

FROM: DIRECTOR ENGINEERING

SUBJECT: BNR GRADE SEPARATION CONTRACT #8211 -
M.D.M. ENTERPRISES LTD. AND CONTRACT #8212A -
GRIMWOOD CONSTRUCTION CO. LTD. - EXTENSION OF TIME

RECOMMENDATION:

1. THAT time extensions be granted as recommended by Associated Engineering Services Ltd., which are as follows:

"1. Contract No. 8211 completion date be extended 36 calendar days to January 26, 1983.

2. Contract No. 8212A.

a) Stage 1 be extended from January 31, 1982 to February 19, 1983.

b) Stage 2 work period of 2 1/2 months be maintained.

c) Stage 3 completion remain at May 31, 1983."

REPORT:

Attached to this report is the submission made by Associated Engineering Services Ltd. (A.E.S.L.), which is self-explanatory, together with the requests made by M.D.M. Enterprises Ltd. and Grimwood Construction Co. Ltd.

The requests made by the contractors were not recommended in full as explained in A.E.S.L.'s submission. The delay due to the construction strike may well have placed the contractors into a time frame when more inclement weather might be experienced; however, this can be considered at a later date.

We feel that A.E.S.L.'s assessment of a time extension is fair in both cases and would recommend approval by Council.

Since the delay in starting was due to the construction strike and not in any way attributable to the contractors no penalty is recommended.

WMR/ch
Att.


DIRECTOR ENGINEERING

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AESL

ASSOCIATED ENGINEERING SERVICES LTD 1661 W. 8TH AVE., VANCOUVER, B.C., V6J 1V1. TEL: (604) 736-7361. TELEX: 045-4577. CABLE: CANENCO

October 26, 1982
File: V64F

The Corporation of the
District of Burnaby
4949 Canada Way
BURNABY, B.C.

Attention: Mr. W. M. Ross, P.Eng.
Deputy Director Engineering

Dear Sirs:

Re: BNR Grade Separation
Contract No. 8211 and 8212A
Request for Extension of Contract Time

We enclose copies of letters from MDM Enterprises Ltd. and Grimwood Construction Co. Ltd. requesting an extension to their respective contract completion dates in accordance with Article 41 of the General Conditions. As stated in Article 41, the Owner will make the final decision on requests for extension of contract time following receipt of written recommendations from the Engineer.

We have reviewed both requests and our comments and recommendations are as follows:

Contract No. 8211 - MDM Enterprises Ltd.

The present completion date for this Contract is 140 calendar days from the date of the Notice to Proceed. This Notice was issued by the Corporation on August 3, 1982, making the completion date December 21, 1982. The Contractor has requested a 40-day extension which would make the completion date January 30, 1983. Their request results, in their opinion, from time lost due to the construction strike and changes in the piling design. MDM have also indicated at a recent site meeting that the extension requested also covers anticipated inclement weather over the extended period. Extensions in this regard can be better assessed following their actual occurrence and therefore we can not justify an extension for anticipated inclement weather.

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We are also of the opinion that the piling design change does not affect the Contractor's completion date. He is however entitled to an extension because of the strike in accordance with Article 41, part (g) of the General Conditions. The construction strike delayed the scheduled activities of the Contractor's piling subcontractor commencing August 9, 1982 by 29 calendar days and forces the Contract to be extended into the Christmas period for which a further 7 day extension is justified. We therefore recommend that MDM Enterprises be granted a 36 calendar day extension to their contract completion date which then becomes January 26, 1983. As we will detail later, this extension is compatible with the completion dates of the other contracts awarded to date.

Contract No. 8212A - Grimwood Construction Co. Ltd.

The Contractor has requested a six-week extension on the basis of one month for the construction strike and 2 weeks for the work having to be carried out in a period of more inclement weather than what normally would be expected in August. At this time we can not justify an extension for anticipated inclement weather. Certainly the month of October may be considered to have provided better weather than what normally would have been expected. Although this may not totally compensate for the loss of August, we feel that any extension in this regard should be considered at a later date when the conditions in the months to come are known and therefore more accurately assessed.

Once again, in accordance with Article 41, part (g), the Contractor is entitled to an extension due to the strike lockout. The Notice to Proceed was issued August 13, 1982, therefore the Contractor was effectively delayed three weeks. However, an extension of this amount of time should be reviewed for each of the three stages of completion specified in Article 1C.1.4 of the Contract Documents. These completion dates are presently as follows:

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- a) Stage 1 - January 31, 1983
- b) Stage 2 - March 31, 1983
- c) Stage 3 - May 31, 1983

The Stage 1 completion date was established in conjunction with the Stage 1 erection of steelwork under Contract No. 8213. Hafer Machine Co. Ltd. have scheduled this work for March, 1983. A three week extension would make a Stage 1 completion date for Grimwood Construction of February 18, 1983. This is still compatible with the steelwork schedule (which was not affected by the construction strike). We recommend that Stage 1 completion be extended by three weeks.

The work under Stage 2 involves the construction of columns at pier sites completed under Contract No. 8211. Article 1C.1.3.4. of the Contract Documents states that this area will be turned over to the Contractor on or before January 15, 1983. With the present Stage 2 completion date of March 31, 1982, 2 1/2 months were allowed for the completion of the column work. As the completion of these works is dependent on the completion of the work under Contract No. 8211, it will therefore be necessary to adjust the Grimwood completion date by taking into account the MDM completion date and maintaining the allowed 2 1/2 month work period. We recommend that no specific extension be applied to the Stage 2 completion date and that instead the Contractor be informed that the 2 1/2 month work period will be maintained.

For your information, should MDM not complete until January 26, 1983, the revised Stage 2 completion date would become April 11, 1983. Contract No. 8213 - Steelwork - 1 states that Stage 2 steelwork erection may commence on or before May 1, 1983. The April 11, 1983 completion would be compatible with meeting this obligation.

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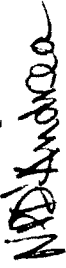
Stage 3 completion is dependent on the completion of Stage 1 steelwork erection by the end of March, 1983. As this date has not changed from the original project schedule and at this time we do not foresee an extension for steelwork erection completion, we recommend that no extension be permitted to Grimwood's Stage 3 completion date.

In summary, our recommendations are as follows:

1. Contract No. 8211 completion date be extended 36 calendar days to January 26, 1983.
2. Contract No. 8212A.
 - a) Stage 1 be extended from January 31, 1982 to February 19, 1983.
 - b) Stage 2 work period of 2 1/2 months be maintained.
 - c) Stage 3 completion remain at May 31, 1983.

We request that you review our recommendations and forward your decision to the writer who will inform the Contractors. Should you have any questions, please contact the writer.

Yours truly,



N. P. D'Andrea, P.Eng.
Project Engineer

NPD:dh

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MDM

A. E. S. L.

OCT 15 1982

RECEIVED

By BWR Site Office

October 14, 1982

Associated Engineering Services Ltd.
1661 West 8th Ave.
Vancouver, B.C.

Attention: Mr. John Longstaff, P. Eng.

Dear Sir:

Re: B N R Grade Separation Contract No. 8211

Please find enclosed herewith one copy of our revised construction schedule for the above-noted project. This schedule has been up-dated to include the effects of the construction lock-out which in effect lasted from August 5, 1982 to September 7, 1982 and the design changes to the piling received September 14, 1982.

With reference to our letter dated August 12, 1982 and the above items we are also hereby requesting an extension of time to our contract in the amount of 40 calendar days.

May we assure you that every effort will be made to complete the work on or ahead of schedule.

Yours truly,
M D M Enterprises Ltd.



David L.G. Martens, P.Eng.



GRIMWOOD CONSTRUCTION CO. LTD.

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Associated Engineering Services Ltd.
1161 West 8th Avenue
Vancouver, B.C.
V6J 1V1

Dear Sirs:

Re: BNR Grade Separation
Contract No. 8212A - Foundations - 2
Labour Dispute

Further to our letters of August 9, 1982 and September 2, 1982, work was not allowed to proceed on the above job from 4:00 p.m. August 6, 1982 to 7:30 a.m. September 7, 1982.

We wish to claim an extension in the contract time of six weeks. This is arrived at as follows:

One month direct shut-down, plus two weeks of additional time due to having to perform the work in more inclement weather than anticipated during the month of August.

We trust this is acceptable.

Yours truly,

GRIMWOOD CONSTRUCTION CO. LTD.

J. Grimwood

JG/nm

October 15, 1982

ASSOCIATED ENGINEERING
SERVICES LTD

RECEIVED

OCT 13 1982

File #
O.K. to File

