



Corporate NO: R056

Report COUNCIL DATE: March 13, 2000_

REGULAR COUNCIL

TO: Mayor & Council **DATE: March 9, 2000**

FROM: Manager, Facilities & Realty **FILE: 8077-011-03**

SUBJECT: Increase to Contract for the Site Preparation for Guildford Multi-purpose Facility/Library Expansion

RECOMMENDATION

It is recommended that Change Orders No. 1, 2 and 3 totalling \$144,067.92, inclusive of GST be approved to revise the contract with B&B Contracting Ltd. for the Site Preparation Work for the Guildford Multi-purpose Facility to a Total Contract Amount of \$487,973.41.

BACKGROUND

On October 4, 1999, Council approved that Contract MS-8077-011-03 for Guildford Multi-purpose Facility , Site Preparation, be awarded to B&B Contracting Ltd., being the lowest bidder in the amount of \$321,407 plus \$22,498.49 GST, for a total tender price of \$343,905.49.

Change Orders #1 and #2 are for minor works in the amounts of \$7,656.29 and \$2,568.00.

The scope of the tendered work was to prepare a working mat for the pile foundations for the multi-purpose facility using the majority of native soil to be excavated from the site north of the existing library building. This proposed method of work was based on the soils tests obtained from the site.

Once excavation commenced on the site, it was discovered that the area of good soil which would meet the criteria required for the mat, was limited and of poorer quality than expected. In addition, the performance criteria of the working mat was upgraded to a structural mat to assist in a more economical structural design for the pile foundations required. Upon further testing and analysis by the structural and geo-technical engineers, alternative solutions were reviewed and it was recommended that import bank sand be used to obtain the necessary structural mat. The quantities and unit costs supplied by the contractor have been reviewed and found to be acceptable.

Change Order #3 in the amount of \$133,843.63, will revise the Total Contract Price to \$487,973.41.

CONCLUSION

The work is required to properly prepare the site for the piling foundations for the proposed building. Analysis by the consultants recommended that this contract be altered and completed with imported bank sand. The total price of the contract remains within our original estimated budget for this portion of the work for the construction of the Guildford Multi-purpose facility. Change Orders #1, #2 and #3, total value of \$144,067.92, be approved to revise the contract awarded to B&B Contracting Ltd.

The General Manager, Finance has confirmed that funding is available from within the project construction budget.

Jorgen Johansen, P.Eng., Gary Guthrie,
Manager, Facilities & Realty General Manager, Finance

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