

ITEM 2
MANAGER'S REPORT NO. 16
COUNCIL MEETING 85/02/25

RE: CONTRACT FOR PRODUCTION OF PLANIMETRIC MAPS IN DIGITAL FORM

MUNICIPAL MANAGER'S RECOMMENDATION:

1. *THAT the recommendation of the Director Finance be adopted*

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1985 February 19

TO: MUNICIPAL MANAGER
FROM: DIRECTOR FINANCE
RE: CONTRACT FOR PRODUCTION OF PLANIMETRIC MAPS
IN DIGITAL FORM

RECOMMENDATION

1. THAT the proposal submitted by Burnett Resource Surveys Ltd., to perform the work in exchange for the Corporation's ST 700 Computerized Mapping System, be accepted.

REPORT

Proposals for this project were received up to 4:30 p.m. local time on Friday, 1985 February 15.

Requests for proposals were issued to eight (8) companies and four (4) submitted a proposal.

The proposed work includes the production of mapping works in digital form and consists of:

1. Producing contour lines of the Municipality of Burnaby at 2 m intervals with each 10 m contour line highlighted so that all the contours can be displayed at one time or, alternatively, for maps covering large areas, only the 10 m contours are displayed. The contours may be produced by scanning the scribed contour plans produced by D.H. Burnett in 1981. This material will be made available on request. The contours will be produced by the successful bidder and submitted to Burnaby in digital form so that digital terrain models can be produced from the information by using the Synercom EMIS/ODYSSEY software package.
2. Stereodigitizing the buildings in the Municipality that would normally be shown on a 1:1000 map series. This work will be produced from new aerial photography.
3. Stereodigitizing the roads network, showing either the edge of blacktop or the curbline and sidewalks. This work to be produced in digital form from new aerial photography.

The ST 700 Computerized Mapping System is being replaced with a new Synercom system. The old system, considered to be of no further use to the Corporation, will be available for disposal as of 1985 February 28. In an attempt to dispose of this system, we issued letters on 1984 August 02 to most B.C. municipalities offering it for sale. In addition, numerous private companies were contacted and advertisements placed in various papers, including national exposure. Although a few interested parties responded, no firm offers were received.

At the suggestion of Mr. Harry Christie, Mapping & Drafting Supervisor, Engineering Department, we invited the bidders to submit an alternative proposal to provide all or part of the work in exchange for acquiring the Corporation's ST 700 Computerized Mapping System. The following is a summary of the proposals received:

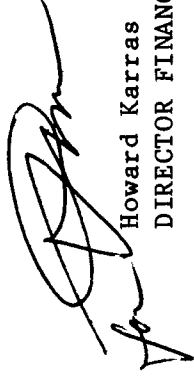
<u>Bidder</u>	Total Price to Perform <u>the Work</u>	Allowance for ST 700 <u>System</u>	Net cost to <u>Burnaby</u>
1. Burnett Resource Surveys Ltd.	\$150,000.00	\$150,000.00	\$ -
2. J.D. Barnes Ltd.	98,500.00	51,000.00	47,500.00
3. The McElhanney Group	135,000.00	35,000.00	100,000.00
4. Air Survey & Design Inc.	154,000.00	-	154,000.00

Funds in the amount of \$130,000 were included in the 1984 recast budget under "Planimetric Series of Maps"; however, owing to the Engineering Department's extensive search for the best approach to complete this project, it was not possible to award a contract prior to year end. By virtue of having been able to effect an even trade on the old mapping system for the planimetric maps, we no longer require the budget appropriation, thus increasing the 1984 surplus by \$130,000.

Based on the above information, it is recommended:

1. THAT the proposal submitted by Burnett Resource Surveys Ltd., to perform the work in exchange for the Corporation's ST 700 Computerized Mapping System, be accepted.

The Director Engineering concurs with the above recommendation.


 Howard Karras
 DIRECTOR FINANCE

cc: Director Engineering
 Director Administrative & Community Services
 Municipal Solicitor