

ITEM 11

MANAGER'S REPORT NO. 66

COUNCIL MEETING Oct. 16/72

11. Re: Communications Control Centre
Burnaby Detachment, R.C.M.P.
(Item 1, Report No. 19, March 20, 1972)
(Item 18 (Supplementary), Report No. 21, March 27, 1972)

Attached is an evaluation from the Purchasing Agent dated October 11, 1972, involving tenders that have been received for a Communication Control Centre to be used by the Burnaby Detachment of the R.C.M.P. Tenders were invited after Council on March 20, 1972, authorized staff "to purchase immediately the equipment that is required to upgrade the Communications Control Centre as recommended by the Superintendent of the Burnaby Detachment, R.C.M.P., at an estimated cost of up to \$40,000, and that the cost be included in the 1972 Capital Improvement Program".

The Purchasing Agent advises that the total cost of purchasing and installing the equipment that is recommended in his evaluation report is as follows:

Purchase Price including Duty,	
Taxes and Delivery	- \$ 43,947.00
Installation	- 1,500.00
Consultant's Fee	- <u>3,400.00</u>
	\$ 48,847.00

The Consultant's fee was paid to Saperstein and Associates Limited for professional services involving preparation of specifications and assistance in evaluating the various tenders that were received. Council granted authorization for this expenditure on March 27, 1972.

The 1972 Capital Improvement Budget includes \$40,000 for the purchase and installation of an R.C.M.P. Communication Control System. Permission is requested from Council to authorize that the additional \$8,847.00 that is required be obtained from the Recast General Funds budget that will be presented to Council shortly.

The address of the bidder whose offer is recommended for acceptance is North Hollywood, California. Distacom Communications Limited of Burnaby, however, would be given the responsibility for the complete maintenance of the Communication Control System.

Council of course can eliminate any of the items that are included in the tender in order to reduce the total cost to a level that is compatible with the original directive that limited the total expenditure to \$40,000.00. (The original estimate did not provide for as extensive a system as is now proposed.) However, if the control system is to function at an optimum capacity, all of the components that are listed in the Purchasing Agent's report should be purchased at this time. Moreover, inflation and additional installation expenditures can be expected to increase future acquisition costs of components. Further, the Officer-in-Charge, Burnaby Detachment, advises that he would normally be asking for the extra equipment over the next 2 or 3 years in any event. Optimum efficiency and overall savings, therefore, suggest that all of the equipment that is recommended be purchased now.

Incidentally, there are two Canadian cities with this type of equipment - Metro Toronto Police and Niagara Falls Regional Police. The Superintendent has spoken to the Niagara Chief and he is extremely satisfied with it.

RECOMMENDATIONS:

THAT the bid from Technical Products Engineering Company in the amount of \$43,947.00 plus a cost of \$1,500 for installation of equipment be accepted; and

THAT an additional appropriation of general revenue funds for capital purposes be allocated in the recast of the 1972 Annual General Revenue Fund Budget to cover the additional \$8,847.00 that is required for acquisition and installation of R.C.M.P. Communications Control Centre equipment.

ITEM 11
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TO: Municipal Manager DEPARTMENT: DATE: Oct. 11, 1972
FROM: Purchasing Agent DEPARTMENT: OUR FILE #
SUBJECT: Tenders - Communication Control Centre, R.C.M.P. YOUR FILE #

The Municipal Council on March 20th authorized the invitation of alternate proposals for equipment to upgrade the Communication Control Centre in the Burnaby Detachment of the R.C.M.P. Headquarters at an estimated cost of up to \$40,000.00. Council, on March 27th commissioned the firm of Saperstein and Associates Limited to provide professional assistance in this regard.

Sealed tenders were received up to 3:00 p.m. local time, Wednesday, August 30, 1972.

A total of ten potential suppliers responded to the invitation to bid. Of these, five declined to bid as follows:

1. Canadian Marconi Company
2. Redicon Systems Limited
3. T. M. C. Canada Ltd.
4. Canadian General Electric Co. Ltd. - supported bid of Mobile Radio Incorporated.
5. Distacom Communications Ltd. - supported bid of Technical Products Engineering Company.

The remaining five potential bidders submitted proposals, namely:

1. Mobile Radio Incorporated (Supported by Canadian General Electric)
2. Technical Products Engineering Company (Supported by Distacom Communications Ltd.)
3. Canadian Motorola Electronics Co. Ltd.
4. Viking Communications Systems Ltd.
5. Canadian Dynamics Ltd.

The proposal by Viking Communications Systems Ltd., does not include a bid for the map status display system, which is a major element in the specification. Their basic price is very high \$50,465.73. It is recommended that this proposal be rejected.

The proposal by Canadian Dynamics Ltd., includes no technical details of equipment proposed, and very little descriptive information, except for original or photo copies of other manufacturer's items. In short, the bidder did not conform to the requirements of the specification, it is impossible to evaluate the proposal. Since, on the basis of the very scant information provided in the proposal, it is not possible to perform even a preliminary evaluation, and since the proposal does

ITEM 11

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COUNCIL MEETING Oct. 16/72

- 2 -

not conform to the specifications in most cases and the basic price \$46,810.68 is high; it is recommended that the proposal by Canadian Dynamics Ltd., be rejected.

The remaining proposals; those by Mobile Radio Incorporated supported by Canadian General Electric; by Technical Products Engineering Company supported by Distacom Communications Ltd., and by Canadian Motorola Electronics Company have been evaluated in detail.

The following comparison is provided for general interest and to show that the bidders are fairly close in price on similar system configurations, although the M.R.I. and T.P.E. Systems conform to the specification, while Motorola System does not.

1. M.R.I. Basic Price	\$21,133.42
Add Logging Recorder	11,675.76
3 - status lamps in place of two status	289.64
3 - switch slots in place of two	407.74
	<u>\$33,506.56</u>
2. T.P.E. Basic Price	\$20,841.00
Add Logging Recorder	9,100.00
3 - status lamps in place of two	161.00
3 - switch slots in place of two	154.00
	<u>\$30,256.00</u>
3. Motorola (similar configuration)	\$28,157.45

It should be noted that the Motorola System if installed as proposed would be operating at its maximum capacity, there would be no room for expansion. Whereas the other two proposals provide considerable opportunity to expand in the future.

The following itemizes prices to show the comparison between bidders for individual items. Because Motorola have not provided the requested breakdown, it is not possible to compare their price.

<u>ITEM</u>	<u>MRI</u>	<u>TPE</u>
Basic console	4219.61	8599.00
Clock	48.09	incl. in above
Loudspeakers (3)	382.77	(4) incl. in above
Microphone	126.79	incl. in above
Footswitch	195.91	79.00
Remote Control	2139.45	incl. in console
Monitor Amplifiers	1959.25	incl. in console

- 3 -

ITEM	MRI	TPE
Muting Facilities	1427.75	incl. in console
Special Function Switches	535.49	697.00
Alarm Annunciator	1074.79	2321.00
Date/Time Stamp	696.01	750.00
Map Unit with Grid	2083.15	5289.00
Two-Status Lamp	3474.64	(52) 804.00
Two-Status Card Slots	1911.80	652.00
Installation	incl.	* 1650.00 (adj.)
Instructions	76.01	n/c
BASIC PRICE	\$21,133.32	\$20,841.00
<u>ADD ON FEATURES:</u>		
Telephone Build-on	not quoted	127.00
Phone Patch	1448.77	696.00
Instant Recall	1911.97	1284.00
Intercommunication System (not incl. installation)	4250.15	5119.00
Slide Projector	2191.86	3736.00
3-status lamp instead of 2-status	289.64	161.00
3-status slots instead of 2-status	407.74	154.00
Vehicle status display	3160.62	1239.00
Basic Logging Recorder - Single transport	11,675.76	9,100.00
Dual transport	16,215.77	10,700.00
Portable reproducer	7633.43	3653.00
Auto search/recorder	1575.98	2100.00
Reader for portable	not quoted	1850.00
Safe-scan system	not quoted	890.00

Superintendent Lambert, his staff, Saperstein and Associates and the Purchasing Agent unambiguously support the following recommendations.

"That the system be purchased from Technical Products Limited, 7419 Greenbush Avenue, North Hollywood, California, supported locally by Distacom Communications Ltd., of Barnaby, B.C." The system configuration to be ordered should be made up from the basic system with "add-on" items according to desired priority within budget limitations.

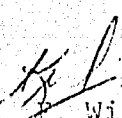
- 4 -

The configuration recommended by Superintendent Lambert is as follows:

Basic System -	\$20,841.00
ADD: 3-status spotting lamps in place of 2-status	161.00
3-status card slot/switch units in place of 2-status	154.00
Telephone build-in	127.00
Phone patch	696.00
Instant recall	1,284.00
Intercommunication System	5,119.00
Vehicle status display	1,239.00
Dual transport logging	10,700.00
Safe scan system	890.00
	<u>41,211.00</u>
Slide projector	3,736.00
	<u>\$43,947.00</u>

Should it be found necessary to reduce the overall cost the acquisition of the last accessory could be delayed until another year.

The sum of \$43,947.00 includes duty, Federal Sales Tax 12%, Provincial Tax 5%, and delivery. The only extra would be the installation of the Intercommunication System or approximately \$1,500.00.


K. E. Williams
PURCHASING AGENT

KFW/dh