

REGIONAL MUNICIPALITY OF OTTAWA-CARLETON  
MUNICIPALITÉ RÉGIONALE D'OTTAWA-CARLETON

REPORT  
RAPPORT

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Our File/N/Réf. Your File/V/Réf.	<b>31-18-96-0008W</b>
DATE	14 April 1997
TO/DEST.	Co-ordinator Corporate Services and Economic Development Committee
FROM/EXP.	Environment and Transportation Commissioner
SUBJECT/OBJET	<b>CARLSBAD SPRINGS WATER SUPPLY SUPPLY OF METER SETS AND STORAGE TANKS CONTRACT CW 6008 - SCOPE CHANGE</b>

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**DEPARTMENTAL RECOMMENDATION**

**That the Corporate Services and Economic Development Committee and Council approve a scope change to Contract CW-6008 with Landry Mechanical Services Ltd., Nepean, for additional properties to be serviced in the amount of \$184,435, bringing the revised total contract provision to \$558,438.**

**BACKGROUND**

Contract CW-6008 was awarded to Landry Mechanical Services Ltd. on 11 October 1996 for the supply of meter sets and storage tanks. This contract forms part of the demonstration technology project which uses reduced diameter distribution piping and in-house components including a flow restriction device in the meter set and storage tank to meet peak flow requirements. The in-house components for this project are provincially funded at 70%, the remaining cost is paid by the homeowners.

The Carlsbad Springs Alternative Standard Water Supply System will provide domestic water supply to the residents of Carlsbad Springs in the service area defined in Regional Official Plan Amendments (ROPA) No. 57, 62, and 70. The implication of adding approximately 100 dwellings (135 lots of record) to the service area through the ROPA 70 is discussed further in the rationale.

## RATIONALE

The original contract tender included an estimated quantity of 370 meter sets and storage tanks based on the residents' positive response rate of 67 percent. To date, 76% of the property owners in the original service area have ordered the in-house components for a total of 417 resulting in an increased cost of \$47,235.

ROPA 70 extends the water service to an additional 135 properties on Ninth Line Road, part of Leitrim Road and part of Hall Road. Based on an 80% response rate and potential connection to 100 dwellings an additional 80 orders are anticipated at a cost of \$80,400.

Change orders have been issued for additional hardware to provide for easier installation and better fastening of the meter sets by Regional crews and the storage tanks by the homeowners. Improvements to the specified electronic low level cut-off switch were required because of a manufacturing change to the unit's current rating and probe's decreased sensitivity when used with a PVC tank. A relay switch was provided to protect against higher pump motor currents and an additional coupling was needed to provide sufficient surface area for the probe to operate properly. These changes resulted in a cost increase for the units supplied under ROPA 57 and ROPA 62 of approximately \$57,000 requiring an increase in the original contingency allowance of \$22,304.

The breakdown for this contract is as follows:

Previous Authority	
Contract value	\$ 317,760
G.S.T.	\$ 22,243
Contingency	<u>\$ 34,000</u>
Sub-total	\$ 374,003
This Request	
Change Orders above contingency	\$ 22,304
ROPA 57 and 62 additional orders	\$ 47,235
ROPA 70 estimated additional orders	\$ 80,400
G.S.T.	\$ 10,496
Contingency	<u>\$ 24,000</u>
Sub-total	\$ 184,435
<i>Total Contract Provision</i>	<i>\$ 558,438</i>

This report seeks approval for an increase in the amount of \$149,939, plus an allowance of \$10,496 for G.S.T. a contingency of \$24,000 for a total amount of \$184,435.

## CONSULTATION

Public meetings and open houses have been held in the community as part of the Environmental Assessment Process and to obtain feedback on the proposed service area. Public meetings were also held to consider Regional Official Plan Amendments 57, 60, 62, and 70, which define the service area. Periodic information newsletters are sent to the public to provide ongoing dialogue and project updates.

## EXPENDITURE JUSTIFICATION

The project will be funded with an Ontario Clean Water Agency Grant of 70% under the 1994 Municipal Assistance Programme. The balance of the project cost will be borne by the property owners within the service area limits.

## FINANCIAL STATEMENT

	\$
Proposed Budget to Date	6,180,000
Total Paid & Committed	<u>(5,425,064)</u>
Balance Available	754,936
THIS REQUEST	<u>(184,435)</u>
Balance Remaining	<u>570,501</u>

Funds are provided in the Capital Budget, Account No. 922-41722-3501, Carlsbad Springs Water Supply System.

*Approved by  
M.J.E. Sheflin, P.Eng.*

MS/jb

## FINANCE DEPARTMENT COMMENT

Funds are available as indicated.

*Approved by T. Fedec  
on behalf of the Finance Commissioner*