
CITY OF KELOWNA

MEMORANDUM

Date: June 18, 2007
File No.: 5340-07
To: City Manager
From: Wastewater Engineer
Subject: Award of Construction TE07- 03
Byrns Baron DCC Sewer Trunk Main Phase 2 – Contract 3

RECOMMENDATION:

THAT the Contract for the construction of the Byrns Baron DCC Sewer Trunk Main Phase 2 – Contract 3 be awarded to COPCAN Construction Ltd. for the amount of \$ 3,146,211 which includes GST (\$169,597 that will be fully rebated) and \$150,000 contingency.

AND THAT the Mayor and City Clerk are authorized to execute the Contract on behalf of the City.

BACKGROUND:

The Byrns Baron DCC Sewer Trunk Main is a critical link in the Sanitary Sewer Trunk Network that is necessary to accommodate increasing flows from development and the flows from the sewer specified area projects in Rutland. The proposed trunk sewer extends south from the intersection of Burtch and Byrns Roads to Sunrise Village then west through Sunrise Village, along Raymer Ave. and through the KSS sports fields to the Wastewater Treatment Facility (*refer to figure 1*).

Previous work – Contracts 1 and 2 – constructed the trunk sewer from its tie-in point at Mills Road and Hwy 97 to the intersection of Burtch and Byrns Road. This year's work, Contract 3, will see the construction of the trunk sewer from the Wastewater Treatment Facility along Raymer Ave to the intersection of Gordon Ave. Next years work, Contract 4, will extend the trunk sewer from Gordon Ave through Sunrise Village and north to the tie-in at the intersection of Burtch and Byrns Roads.

The Work to be performed in this Contract consists of approximately:

- 500 m of 1200 diameter trunk sewer
- 340 m of Road construction along Raymer Ave
- 215 m of 300 mm diameter sanitary sewer
- Disposal of approximately 1000 tonne of contaminated soil
- Coordination of shallow utility work.

The construction work for this Contract is anticipated to commence in July and be completed by the end of October, this year.

In response to the City's invitation to Tender TE-07-03, three (3) bids were received, as tabulated below:

Contractor	Total Tender Price
1. COPCAN Contracting Ltd.	\$2,996,211.00
2. Ansell Construction Ltd.	\$3,229,941.90
3. Arlo Construction Ltd.	\$3,331,739.14

* Note: \$150,000 contingency not included.

Our Consultant has reviewed the bid submissions, checked the arithmetic accuracy and provided the City with a tender analysis, a list of the corrected bids and a recommendation to award this contract to COPCAN Contracting Ltd. Arlo Construction Ltd. was the low bidder at the Tender Opening, but after discrepancies in the bid were corrected, the low bidder was in fact COPCAN Contracting Ltd. Our Consultant retained legal council to review their recommendation and ensure it followed contract law.

We are working in conjunction with SD #23 and KSS to coordinate construction across the KSS sports fields and along Raymer Ave in front of KSS. The majority of the works will be completed in July and August to minimize disruption to students and staff. The timing of construction is acceptable to SD# 23.

Prior to advertising the Invitation to Tender, our Engineering Consultant estimated the construction cost for all the components of the Contract to be \$2,293,841.06 including GST but no contingency.

FINANCIAL/BUDGETARY CONSIDERATIONS:

The Capital budget money available for the project will be funded primarily from DCC Reserve account number 40-4900-S2090. A portion of the funding (\$110,000) will come from the WWTF upgrade to build a new flow control structure connecting the trunk sewer to the WWTF. The total DCC budget available for Contract 3 and Contract 4 is \$4,079,890. The projected end of project cost for Contract 3 and Contract 4 is now \$8,680,537. This large overrun is attributed to pipe prices, the cost to remove contaminated soil in the KSS sports field, difficult construction conditions through Sunrise Village and the increase in labour and materials. The DCC program will be modified this fall to account for the increase in cost, and an amendment will be provided for the 2008 Budget to address this projected cost

INTERNAL CIRCULATION TO:

Wastewater Manager
Director of Financial Services

Considerations not applicable to this report:

LEGAL/STATUTORY AUTHORITY: N/A

LEGAL/STATUTORY PROCEDURAL REQUIREMENTS: N/A

EXISTING POLICY: N/A

PERSONNEL IMPLICATIONS: N/A

TECHNICAL REQUIREMENTS: N/A

EXTERNAL AGENCY/PUBLIC COMMENTS: N/A
ALTERNATE RECOMMENDATION: N/A

Submitted by:

Joel Shaw, P.Eng. Wastewater Engineer



Approved for Inclusion:
J. Vos, Director of Works & Utilities

Attachments: Figure 1

