



CITY OF HAMILTON
PUBLIC WORKS DEPARTMENT
Engineering Services

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| TO: | Chair and Members Public Works Committee |
| COMMITTEE DATE: | February 29, 2016 |
| SUBJECT/REPORT NO: | Final Partial Award of C15-05-15(HSW) Regional Rd 56 - Southbrook Dr to Twenty Mile Creek Road/Sidewalk Reconstruction, Storm/Sanitary Sewer Construction, Sanitary Forcemain Construction and Watermain Construction (PW16013)-(Ward 11) |
| WARD(S) AFFECTED: | Ward 11 |
| PREPARED BY: | Harry Krinas (905) 546-2424, Extension 7180 |
| SUBMITTED BY: | Gerry Davis, CPA, CMA General Manager Public Works Department |
| SIGNATURE: | |

RECOMMENDATION

- (a) That the General Manager of Public Works be authorized and directed to proceed with the tender and final partial award of C15-05-15(HSW) to Coco Paving Inc. in the amount of \$1,855,000 as identified on Appendix "A";
- (b) That Project ID 5141580588 (RR 56 - Binbrook Road to Viking) be increased by \$480,000 from \$710,000 to \$1,190,000 and that this increase be funded by a transfer from Residential DC Reserve 110300 (66% - \$317,000) and Non-Residential DC Reserve 110301 (34% - \$163,000);
- (c) That Project ID 5181180188 (RR 56 - Binbrook Rd to Cemetery) be increased by \$490,000 from \$1,960,000 to \$2,450,000 and that this increase be funded by a transfer from Residential DC Reserve 110304 (50% - \$245,000) and Non-Residential DC Reserve 110305 (50% - \$245,000);
- (d) That the original estimated allocation for street lighting of \$600,000 be increased by \$285,000 to \$885,000 and be charged Project ID 4041610016 (2016 Street Lighting Program).

EXECUTIVE SUMMARY

Contract "Regional Road 56, Southbrook Drive and Binbrook Road C15-05-15 (HSW)" was partially awarded (Appendix "B") by the Engineering Services Section, Design Section in January 2016.

The contract includes road reconstruction, sidewalk, street lighting, new sanitary and storm sewer construction and new watermain construction. It has been initiated by the

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department of Planning and Economic Development, Growth Management division in order to allow growth accommodation and further development in Binbrook.

C15-05-15 (HSW) was partially awarded due to insufficient funding on water (\$480,000) and storm sewer (\$490,000). Variance is attributed to scope changes and additions during detailed design phase, in detail:

- 1) New watermain was originally scoped from Cemetery Road to Maggie Johnson Drive. 250m of additional 400mm watermain was added to compensate for extended road reconstruction limits. Road limits were extended to accommodate for constructability and traffic issues.
- 2) Storm was originally scoped from Maggie Johnson Drive to Southbrook Drive 850m in total length. Limits were extended during detailed design phase from Cemetery Road to Southbrook Drive, 1,560m in total length, to provide road drainage for the road urbanization section and the adjacent properties.

The 2016 Street Lighting Program (Project ID 4041610016) has a budget of \$2,000,000. There are sufficient funds within that project ID to accommodate the increase of \$285,000 for the revised cost of street lighting. Tender prices were higher than anticipated.

Alternatives for Consideration – See Page 3

FINANCIAL - STAFFING - LEGAL IMPLICATIONS

Financial: Funding for the identified water (5141580588) and storm sewer (5181180188) works are 100% recoverable from Development Charges as identified in the Development Charge Study. The increased cost (\$480,000) for water works (5141580588) can be funded 66% (\$317,000) from Residential DC Reserve 110300 and 34% (\$163,000) from Non-Residential DC Reserve 110301. The increased cost (\$490,000) for storm works (5181180188) can be funded 50% (\$245,000) from Residential DC Reserve 110304 and 50% (\$245,000) from Non-Residential DC Reserve 110305.

The 2016 Street Lighting Program (Project ID 4041610016) has a budget of \$2,000,000. There are sufficient funds within that project ID to accommodate the increase of \$285,000 for the revised cost of street lighting.

Staffing: None

Legal: None

HISTORICAL BACKGROUND

This project was initiated in 2013 by the Planning and Economic Development department, Growth Management division as part of the mandate to enable further development in Binbrook.

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The final project scope is a compilation of various scoping documents and a consolidation of several smaller projects in the Binbrook area, all related to the development and further growth of Binbrook.

Additional scope was added during the final stages of detailed design in 2015. The variance in estimated costs and contract costs is attributed to both the additional scope changes and higher than anticipated market prices.

1st Partial of C11-05-15 was awarded to Coco Paving Inc. in January 15, 2016 and Construction started in February 2, 2016. Coco Paving has agreed to hold their prices until March 2016.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

None

RELEVANT CONSULTATION

The department of Planning and Economic Development, Growth Management division has confirmed that the timely construction of this project is vital to the growth accommodation and further development in Binbrook.

ANALYSIS AND RATIONALE FOR RECOMMENDATION

Both the department of Public Works, Engineering Services division and the department of Planning and Economic Development, Growth Management division provide funding source recommendations for their respective portions in order to allow for the 2nd partial award and completion of the Regional Road 56 Road, Sewer, Water Construction Project C15-05-15 (HSW)

ALTERNATIVES FOR CONSIDERATION

The alternative is to not approve this award. This would result in the work proposed for the area from the Fairgrounds to Cemetery Road within the settlement area to be removed from the current tender. These works would then be required to be retendered at a later date at additional costs to the City.

ALIGNMENT TO THE 2012 – 2015 STRATEGIC PLAN

Strategic Priority #1

A Prosperous & Healthy Community

WE enhance our image, economy and well-being by demonstrating that Hamilton is a great place to live, work, play and learn.

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Strategic Objective

- 1.1 Continue to prioritize capital infrastructure projects to support managed growth and optimize community benefit.
- 1.2 Support the development and implementation of neighbourhood and City wide strategies that will improve the health and well-being of residents.
- 1.3 Enhance Overall Sustainability (financial, economic, social and environmental).

APPENDICES AND SCHEDULES ATTACHED

Appendix A: Schedule A - Tender Information Summary

Appendix B: Map – Regional Road 56