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For Information Only

Update on Construction Projects - Roads and Water Wastewater Capital Program Update

Recommendation

For information only.

Summary

The Engineering Services Division has been preparing construction drawings and construction specifications for twenty-seven projects. These projects were identified in the 2013 Capital Budget along with budget amounts in the various operating accounts.

As of May 31, 2013, sixteen (16) contracts have been awarded and are presently in progress; three (3) contracts are presently out for tender; four projects will be tendered between June and July; and, four projects will be carried over into 2014. See chart below.

2013 Budget	Awarded	Out for Tender	To be Tendered	Tender 2014
27	16	3	4	4

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Projects to be Tendered in 2014

Four projects have been identified as carryovers to 2014. The carryovers were necessary and are explained in detail below:

Jean Street: Watermain Improvements - Frood Road to Eva Street

This project involves the replacement of the existing watermain along with the water services from the new watermain to lot line.

This project was identified in the 2013 Capital Water Budget and the survey for the preparation of base plans was immediately ordered. The survey was completed in the early spring of 2013 and preliminary plans were prepared. Due to the workload in the Section, the design work has just commenced. The design work and a tender package would not be available until late in the year.

This project will be tendered in early 2014.

Charette Street: Watermain and Sanitary Sewer Improvements - Lift Station to Fitzgerald Street

The project involves the placement of sheet piles in order to provide a safe trench in the unstable soil conditions that were identified in the geotechnical report.

Initial cost estimates were high and alternatives were examined to reduce the cost of the project. The sheet piling required for the contract is a special order with a delivery time of six to eight weeks and is very expensive.

Alternatives are presently being examined to reduce the cost of the project.

This project will be tendered in early 2014.

Kingsway: Asphalt Treatment and Underground Rehabilitation - 900m West of Bancroft to Bancroft

Work at this location involves concrete curb replacement and rehabilitation of the existing asphalt (including resurfacing). In addition, sanitary sewer and watermain rehabilitation work has been identified. The underground work will be performed this summer during the evening hours.

With the work presently being performed at the Lasalle/Notre Dame intersection and to avoid additional traffic congestion, the replacement of the concrete curb and rehabilitation of the existing asphalt will be postponed until the 2014 construction season. Residents are presently using the Kingsway as an alternate road due to the construction at the Lasalle/Notre Dame intersection. Once the majority of the work at the Lasalle/Notre Dame intersection is near completion, then this location will be tendered.

Walter and William - Bridge Rehabilitation

The design had been completed for this location; however, in order to perform the work, contractor's equipment would have to utilize private property. Agreements are being established with the property owners to temporarily use private property as a staging area for equipment. One property owner does not reside in town and formalizing an agreement will take some time. In addition to obtaining agreements, there is a Ministry of Natural Resources restriction that no work can be performed in the channel after August 31. This restriction is to protect fish habitat. For the above mentioned reasons, this project would not be completed before the August 31 deadline. This project will be tendered in early 2014.

Projects Over Two Construction Seasons

There will be a total of two projects that will commence in 2013 and be completed by the end of the summer of 2014. These two projects are Regent/Bouchard/Southview and Loach's Road.

The Regent/Bouchard/Southview project will involve replacing the existing watermain with a new watermain on Regent Street between Bouchard and Martindale Road, on Bouchard between Regent and Southview, and on Southview between Bouchard and the east leg of Cranbrook. Regent Street shall have all the concrete curb replaced and the existing asphalt rehabilitated and widened for bicycle laneways. Minor improvements shall occur on Bouchard and Southview. Due to the complexity and volume of work involved, the contract completion will be late summer of 2014 with the final lift of asphalt in 2015.

The Loach's Road project will have the existing watermain and sanitary sewer replaced along with all services to lot line. Roadwork will include replacing concrete curb and rehabilitation of the asphalt surface. Included with the Loach's Road project will be Windle Drive between Loach's Road and Millwood. During the design stage, it was determined that there was an extensive amount of rock than initially anticipated. Alternatives for the proposed new watermain were examined to reduce the cost and a location was finalized. This delayed the tendering of the contract. With the extensive amount of construction and the late tendering, this project will be complete by the end of the summer of 2014.

Financial Overview

The total of all projects is approximately \$48,281,000 with approximately \$6,770,000 to be tendered in 2014. This represents approximately 86% of the available funds being spent in 2013. The four carryover projects will be the first contracts tendered in early January 2014.

Goals and Objectives

The primary goal and objective of the Project Engineering Section is to have the majority of all work tendered in the first four months of a calendar year. This allows staff and local contractors to successfully coordinate and plan for the construction season. With an early tendering process, it is anticipated that the City of Greater Sudbury will receive favourable contract prices. With proper planning and a firm committed list of future projects, our goal and objective should be achievable.

The 2013 Capital Budget identified three extraordinarily large projects namely: Lasalle/Notre Dame Intersection, Regent/Bouchard/Southview Upgrading and Garson Coniston Road Upgrading. The magnitude of these three projects required more resources and coordinations and resulted in a tender schedule beyond the planned April objective. All three large projects will be tendered this year. The draft list of projects for 2014 does not indicate projects of similar magnitude or complexity. All construction projects contemplated for 2014 are on a schedule that anticipates a tender period in the first four months of next year.