



Corporate Report

NO: R196

COUNCIL DATE: SEPTEMBER 10, 2007

REGULAR COUNCIL

TO: Mayor & Council **DATE: September 5, 2007**

FROM: General Manager, Engineering **PROJECT FILE: 0440-20 (MoT/BIP)**
5250-20-48
4804-401-00
5225-60

SUBJECT: Highway 15 Coordinated Works Funding
Burrows Ditch Drainage Improvements

RECOMMENDATION

The Engineering Department recommends that Council:

1. Authorize the City enter into a Coordinated Works Funding Agreement with the Ministry of Transportation (MoT) for lowland drainage improvements within the Burrows Ditch functional area, at an estimated cost of \$670,000.00.
2. Set the expenditure authority for this Coordinated Works Agreement at \$670,000.00.

SCOPE OF WORK

Under the Border Infrastructure Program (BIP), the Ministry of Transportation is currently widening Highway 15 between 92 Avenue and 32 Avenue. A portion of this work is being undertaken within the Burrows Ditch drainage area (Nicomekl River to 32 Avenue), and as such, the City would like to take this opportunity to complete drainage improvement works in conjunction with the Ministry's project. Coordinating drainage improvements with highway works is the most cost effective approach of carrying out these works due to the savings in right-of-way requirements. This approach also minimizes disruption to area landowners.

DISCUSSION

MoT has agreed to complete the City's work under their construction project and have drawn up a cost-sharing agreement for this purpose. The agreement includes construction costs, quantity and scope contingencies, and project engineering. The cost included in the agreement is based on the lowest public tender received. Staff have reviewed the rates and they are equal or lower than the rates that the City receives in its lowest tenders for City drainage works. The City's component of the works is approximately 8% of the total contract for this portion of MoT's work.

The City will benefit from significant cost savings due to the fact that the City is only responsible for construction, and associated project management and design costs while the Ministry agreed to all property acquisition costs including negotiations, owner compensation and legal surveys since they would have had to incur these costs had they decided to construct an interim drainage works fronting 176 Street. These MOT costs amount to \$620,000.

The contract for this work was tendered through the MoT's public tender process under a broader pre-load contract and was awarded to Delta Aggregates Ltd., who has recently completed similar projects for the City.

FUNDING

Funding for this work is available under the drainage budget for Burrows Ditch Conveyance works, Project 4804-401-00.

Paul Ham, P. Eng.
General Manager, Engineering

VL/RBW/kd2/rdd

c.c. - General Manager, Finance, Technology & HR Dept.