



CITY of NOVI CITY COUNCIL

Agenda Item E
May 23, 2011

SUBJECT: Approval to award an amendment to the engineering services contract for additional construction inspection related to the water main and sanitary sewer relocations for the Novi Road Link (Ten Mile Road to Main Street) widening project to Spalding DeDecker Associates, Inc., in the amount of \$27,675.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *BTC*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$ 27,675
AMOUNT INCLUDED IN CIP	\$ 0
ADDITIONAL AMOUNT REQUIRED	\$ 27,675 (Water & Sewer Fund)
LINE ITEM NUMBER	592-592.00-160.621 (Water & Sewer Fund)

BACKGROUND INFORMATION:

On April 4, 2011, the City Council approved the award of an engineering services contract to Spalding DeDecker in the amount of \$29,213 for construction inspection services related to the water main and sanitary sewer relocation for the Novi Road Link (Ten Mile Road to Main Street) widening project. The Novi Road Link project includes the widening of Novi Road from Ten Mile Road to Main Street from two lanes to five lanes with a new bridge over the CSX railroad and Rouge River. In order to construct the project, several public and private utilities require relocation including 2,567 feet of water main and 1,327 feet of sanitary sewer owned by the City. The Road Commission for Oakland County is the lead agency responsible for the project and provides inspection services related to the road and bridge construction. The City of Novi is responsible for the full time inspection needed for water and sanitary sewer construction to ensure compliance with the City's standards.

The original engineering award was based on an estimated number of inspection days provided by the contractor for completion of the water main and sanitary sewer installation. The construction has progressed at a slower pace than anticipated due to inclement weather, unexpected utility conflicts, and unexpected field conditions. The attached May 12, 2011 letter from Spalding DeDecker provides additional detail in this regard.

The contractor for the Novi Road Link project has provided a revised schedule for the water main and sanitary sewer installation which shows that an additional 45 inspection days will be necessary for completion. Staff recommends the award of additional fees for up to 45 additional days of construction inspection at \$615 per day to Spalding DeDecker.

The sanitary sewer and water main work commenced at the end of March 2011 and will continue through June 2011 in advance of the bridge construction, which is expected to commence in summer 2011. The Road Commission for Oakland County anticipates that the reconstructed Novi Road and new bridge should be open to traffic in November 2011, with the final restoration to be completed by summer 2012.

RECOMMENDED ACTION: Approval to award an amendment to the engineering services contract for additional construction inspection related to the water main and sanitary sewer relocations for the Novi Road Link (Ten Mile Road to Main Street) widening project to Spalding DeDecker Associates, Inc., in the amount of \$27,675.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Galt				
Council Member Fischer				
Council Member Margolis				

	1	2	Y	N
Council Member Mutch				
Council Member Staudt				
Council Member Wrobel				



May 12, 2011

Mr. Brian Coburn, P.E.
Engineering Manager
Department of Public Services
Field Services Complex – Engineering Division
26300 Delwal Drive
Novi, MI 48375

**Re: City of Novi
Novi Road Water Main and Sanitary Sewer Construction and Budget Status
Construction Engineering Field Services**

Dear Mr. Coburn:

As I'm sure you're well aware of the Novi Road water main and sanitary sewer improvements are currently under construction. Specifically, at this time the sanitary sewer has been constructed, tested and tied into the existing system. The water main is over half done but two important and technically challenging bores remain incomplete, as well as the water main along Trans X Drive and the water main north of the railroad. Testing and water main tie-ins are incomplete at this time as well.

During this time period the production for the installation of the public utilities has been slow. This loss of efficiency has been due to multiple issues; the inclement weather conditions during the entire month of April, unexpected private utility conflicts, and revisions to plans for unexpected conditions encountered during construction. In an effort to keep the City informed of the construction utility status for the project, SDA's Construction Technician has been in daily contact with the City's Engineering Department representative. In addition, SDA has sent weekly budget and construction status emails with reports and pictures attached to the Engineering Department.

At this time the current budget for the contracted Construction Engineering Field Services is \$29,212.50 or 49.5 Crew Days. As a result of the lack of production during installation SDA anticipates the current budget will be 98% met by the end of this week on May 14th, 2011. We have reviewed the amount of work yet to be completed with Dan's Excavating. As a result, Dan's Excavating is expecting to complete the water main in 5 weeks working 6 days a week between 8 - 12 hours a day. This is also dependent on the success of the directional drill and bore and jack. This additional time results in an estimated 45 Crew Days that would need to be added to the budget for the Construction Engineering Field Services.

Item Description	Unit	Total Quantity	Unit Price	Item Subtotal
SDA Proposed Cost Estimate				
Inspection Time	Crew Day	45	\$615.00	\$27,675.00
Construction Services Total Fee				\$27,675.00

Engineering Consultants

Mr. Brian Coburn, P.E.
City of Novi Engineering Division
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Please advise us if you would like SDA to continue our inspection of the public utility installation and will amend the budget for an additional 45 Crew Days or if you would rather SDA conclude our services when the current budget has been met.

If you have any questions, please do not hesitate to contact us at our office. If this proposal is acceptable, please sign below and return the signed document to us as our authorization to proceed.

Sincerely,

Accepted by:

SPALDING DeDECKER ASSOCIATES, INC.

City of Novi



Ted Meadows
Contract Administrator

Brian Coburn, P.E.

cc: Aaron Staup, Construction Engineering Coordinator (e-mail)
Christopher Robbins, PE, SDA (e-mail)
Jim Van Tiflin, PE, SDA (e-mail)