

CITY of NOVI CITY COUNCIL

**Agenda Item D
December 20, 2010**

SUBJECT: Approval to award an amendment to the construction engineering services contract for the Novi Way/Ten Mile Intersection Improvements project to Anderson, Eckstein & Westrick, Inc (AEW) for a fee of \$8,498.

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

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$ 8,498
AMOUNT BUDGETED	\$100,000 (Includes \$90,220 previously awarded for Engineering and Construction)
LINE ITEM NUMBER	204-204.00-863.105

BACKGROUND INFORMATION:

The construction for the Novi Way/Ten Mile Road intersection improvements were completed earlier this year by the contractor, Nagle Paving. As a federally funded project, the construction contract was administered by the Michigan Department of Transportation (MDOT) Local Agency Program using our selected consultant for the project, Anderson Eckstein & Westrick (AEW). The work is complete with the exception of the streetlight, which Detroit Edison is likely to install within the next month (an error by Detroit Edison in ordering the street light caused the lengthy delay in final project completion). Construction engineering, in the amount of \$24,730, was awarded to AEW in April 2010.

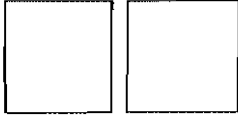
The construction schedule submitted by the contractor indicated that the construction would be complete within 2 months. The contractor actually took one month longer to finish the work. While the construction contract will be completed within budget, the slow progress by the contractor has resulted in additional engineering fees for inspection and contract administration. AEW is requesting an additional \$3,632 for an additional month of contract administration work to meet the MDOT requirements under the grant (review certified payroll and conduct wage rate interviews) as well as prepare pay estimates, coordination of the project, and to investigate Detroit Edison's delay and expedite installation of the streetlight. Additionally, the contractor worked eight days more than originally anticipated; therefore, AEW is requesting an additional \$4,992 for inspection fees related to the additional crew days (\$624 per crew day for 8 additional days). AEW's request for additional services, dated August 8, 2010 (updated December 13, 2010) in the amount of \$8,624, is attached for reference. Staff recommends approval of \$8,498 in additional fees.

It is anticipated that the project will be completed under the original budget of \$100,000. The project was substantially complete in August 2010 and final completion is anticipated this January following the installation of the street light by Detroit Edison.

RECOMMENDED ACTION: Approval to award an amendment to the construction engineering services contract for the Novi Way/Ten Mile Intersection Improvements project to Anderson, Eckstein & Westrick, Inc (AEW) for a fee of \$8,498.

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

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



ANDERSON, ECKSTEIN AND WESTRICK, INC.

51301 Schoenherr Road, Shelby Township, Michigan 48315
Civil Engineers • Surveyors • Architects 586-726-1234

Authorization for Additional Services #3

**Project: Engineering Services for
2009 Neighborhood Roads Program –
Contract 1, Part B
Novi Way Right Turn Lane**

**Date: 08-18-10
Revised: 12-13-10**

**City of Novi
AEW Project No. 0822-0015**

The contract allows for additional services to be provided by Anderson, Eckstein and Westrick, Inc., with compensation to be charged hourly.

Description of Service (Limited)

When submitting our Request for Additional Services #2, AEW (at the City's request) contacted the contractor to get their estimate of "crew days" for the project, and based our proposed scope and estimate on the contractor's estimate. It has become clear that the contractor had underestimated the effort to construct the project and has currently taken more time to complete the work than previously indicated. Also, the project completion/work has been drawn out for various reasons, including delay in project start-up, delay associated with RCOC inspection and approval of the traffic signal controller, and delay with restoration along Novi Way. As a result, AEW has incurred additional administrative time, such as additional pay estimates, wage rate interviews and status reports, due to a longer project timeframe. Additionally, the contractor's original schedule had overlapping tasks with his subcontractors, but his actual tasks have not had any overlap due to the previously mentioned delay. As such, AEW is requesting additional compensation for "crew days" and administrative time to account for the contractor's progress and schedule modifications.

Request for additional compensation:

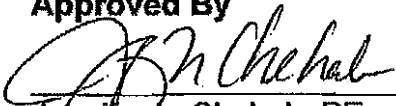
- Additional project tracking and pay estimates in accordance with MDOT procedures due to increased project timeframe (8 hrs @ \$93/hr + 2 hrs @ \$126/hr = \$996)
- Additional review of contractor's certified payrolls (5 hrs @ \$62/hr = \$310)
- Additional wage rate interviews (5 hrs @ \$62/hr = \$310)
- Additional coordination with City, project status reports, resident concerns, and general administration (10 hrs @ \$126/hr = \$1,260)
- Investigate and respond to DTE street light issues (6 hrs @ \$126/hr = \$756)



- Full time construction observation – additional 8 “crew days” for an MDOT experienced observer (EA III - \$624/day) (\$4,992)

Proposed amount for additional services: \$8,624

Approved By



Jennifer L. Chehab, PE
Senior Project Engineer

CITY OF NOVI

Date