



Legislation Details (With Text)

File #: 10-0385 **Version:** 1 **Name:** 5/3/10 - TEC for Ann Arbor Municipal Center
Type: Resolution **Status:** Passed
File created: 5/3/2010 **In control:** City Council
On agenda: 5/3/2010 **Final action:** 5/3/2010
Enactment date: 5/3/2010 **Enactment #:** R-10-140

Title: Resolution to Approve Amendment One of Professional Services Agreement with Testing Engineers & Consultants, Inc. for Construction Materials Testing for Ann Arbor Municipal Center (\$74,183.00)

Sponsors:

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
5/3/2010	1	City Council	Approved	Pass

Resolution to Approve Amendment One of Professional Services Agreement with Testing Engineers & Consultants, Inc. for Construction Materials Testing for Ann Arbor Municipal Center (\$74,183.00)
Attached for your review and approval is a resolution to approve an amendment to the professional services agreement with Testing Engineers & Consultants, Inc. (TEC) for construction materials testing services for the Ann Arbor Municipal Center in the amount of \$74,183.00.

Work on the addition must be tested in accordance with the 2006 Michigan Building Code. In general this includes shop and field inspections of the work, field and laboratory testing of construction materials, and engineering services to support and document the results. Examples of items tested are concrete strength, density and compaction testing of backfill, placement of reinforcing steel, masonry strength, structural steel (welding, bolting, and fabrication), roofing, and fireproofing.

More testing has been required than estimated by TEC at the start of the project a year ago. The testing is paid for via unit prices for specific tests and hourly rates for personnel. The original estimated amount was \$93,962.00, with a contingency amount of \$5,000.00. The roofing/curtain wall inspections were underestimated by TEC, and there were problems with the air barrier that required additional, unanticipated testing. Concrete testing required more inspector hours because there were more (but smaller) concrete pours than estimated. Overtime costs to keep pace with the contractor's aggressive schedule also exceeded the estimate. The new estimated total cost of testing is \$168,145.00. The original contingency amount of \$5,000.00 is continued to allow the City Administrator to approve change orders.

The services provided by TEC have been wholly satisfactory. They have Human Rights approval and comply with the living wage ordinance. Sufficient funds for this amendment and for the contingency amount are available in the existing capital project budget.

Prepared by: Matthew J. Kulhanek, Fleet & Facilities Manager
Reviewed by: Sue F. McCormick, Public Services Area Administrator
Approved by: Roger W. Fraser, City Administrator

Whereas, It is necessary to retain a qualified testing firm to perform essential construction materials testing for the Ann Arbor Municipal Center project;

Whereas, It is necessary to amend the professional services agreement with Testing Engineers & Consultants, Inc. to provide more testing services than originally estimated; and

Whereas, Funding for this amendment is available in the existing project budget;

Resolved, that Amendment Number One is authorized to the professional services agreement with Testing Engineers & Consultants, Inc. in the amount of \$74,183.00;

Resolved, That the Mayor and City Clerk are authorized and directed to execute said amendment after approval as to form by the City Attorney and approval as to substance by the City Administrator; and

Resolved, That the City Administrator is authorized to take the necessary administrative actions to implement this resolution, including authority to approve change orders up to the amount of the \$5,000.00 contingency.