

CITY of NOVI CITY COUNCIL

Agenda Item H
July 19, 2010

SUBJECT: Approval to award an amendment to the engineering services contract for additional construction engineering services to Spalding DeDecker Associates related to the 2009 Pathway Program in the amount of \$1,406.

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

CITY MANAGER APPROVAL *[Signature]*

EXPENDITURE REQUIRED	\$1,406
AMOUNT BUDGETED	\$0
APPROPRIATION REQUIRED	\$1,406
LINE ITEM NUMBER	204-204.00-974.805

BACKGROUND INFORMATION:

The construction engineering for the 2009 Pathway Program was awarded to Spalding DeDecker Associates (SDA) on June 1, 2009 in the amount 6.75% of the construction contract award of \$144,485.68 for a fee of \$9,753. The original construction contract was bid with two alternates in addition to the base bid, however because an easement had not been successfully negotiated with one of the property owners at the time of construction award, the alternates could not be awarded. The easement was later acquired and City Council approved a change order to the construction contract on September 28, 2009 in the amount of \$20,828.12. A subsequent balancing change order in the amount of \$31,841.98 was approved on December 21, 2009, for a total construction value of \$197,155.78. The final payment to the contractor is elsewhere on this agenda for consideration.

In the attached June 29, 2010 letter, SDA is requesting an increase in its construction engineering fee totaling \$1,406. The additional fee equates to 6.75% of the \$20,828.12 change order adding the alternates to the contract, but not the additional construction value associated with the second change order, making the construction engineering fee to SDA actually 5.68% of construction value. Staff has reviewed the request, verified its merits, and recommends award.

RECOMMENDED ACTION: Approval to award an amendment to the engineering services contract for additional construction engineering services to Spalding DeDecker Associates related to the 2009 Pathway Program in the amount of \$1,406.

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

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



June 29, 2010

Mr. Brian Coburn, PE
Senior Civil Engineer
City of Novi Department of Public Services
Field Services Complex
26300 Delwal Drive
Novi, Michigan 48375

**Re: 2009 Pathway Construction
Construction Fee Determination**
SDA Job No.: NV09-005

Dear Mr. Coburn:

SDA is requesting the above mentioned project's construction fee be increased from \$9,752.78 to \$11,158.68, an increase of \$1,405.90. This increase in fee is due to the addition of Change Order No. 1; Project 3 Alternates 1 & 2 to the project, see attached. These two alternates increased the project's base bid by \$20,828.12.

SDA's Construction Observation fee was calculated using the construction bid amount of \$144,485.68 at 6.75% which equals a construction fee of \$9,752.78. As a result of the addition of Change Order No. 1, SDA is requesting the Construction Observation fee be increased by \$1,405.90 (6.75% of \$20,828.12, the bid amount for Change Order No. 1).

If you have any questions, please do not hesitate to contact us at our office.

Sincerely,

SPALDING DeDECKER ASSOCIATES, INC.

Ted Meadows
Contract Administrator

cc: Aaron Staup, City of Novi – Engineering Department, CE Coordinator (e-mail)
Christopher Robbins, PE, SDA (e-mail)
Jim Van Tiflin, PE, SDA (e-mail)
SDA CE Job File

ORIGINAL

CITY OF NOVI
2009 PATHWAY CONSTRUCTION
PROJECT No. NV09-005
CONTRACT CHANGE ORDER No. 1

Owner: City of Novi
45175 West Ten Mile Road
Novi, MI 48375
Phone: (248) 347-0454
Fax: (248) 735-5683

Contractor: Audia Concrete Construction, Inc.
2985 Childs Lake
Milford, MI 48381
Phone: (248) 676-9570
Fax: (248) 676-9520

Upon execution by the Owner's representative, the following changes in the Contract Documents will be authorized.

Item No.	Description of Changes	Quantity	Unit	Unit Price	Decrease in Contract Price	Increase in Contract Price
Project No. 3 - Alternate No. 1 - Haggerty South of Ten Mile Gap						
93-1	Mobilization (5% Maximum)	1	LS	\$ 300.00	\$	300.00
94-1	Pre-construction audio-visual	1	LS	\$ 100.00	\$	100.00
95-1	Soil Erosion and Sedimentation Control	1	LS	\$ 400.00	\$	400.00
96-1	Maintaining Traffic	1	LS	\$ 700.00	\$	700.00
97-1	Clearing and Grubbing	25	Lft	\$ 12.00	\$	300.00
98-1	Tree, Rem, 8 inch to 18 inch	1	Ea	\$ 600.00	\$	600.00
99-1	Pavement, Remove	30	Syd	\$ 9.00	\$	270.00
100-1	Curb and Gutter, Rem	45	Lft	\$ 10.00	\$	450.00
101-1	Curb and Gutter, Conc, Det C4	45	Lft	\$ 18.00	\$	810.00
102-1	Sidewalk, Rem	32	Syd	\$ 9.00	\$	288.00
103-1	Pathway Grading	240	Lft	\$ 3.90	\$	936.00
104-1	Aggregate Base, 6 inch	190	Syd	\$ 2.25	\$	427.50
105-1	4-inch Concrete Sidewalk	1300	Sft	\$ 2.40	\$	3,120.00
106-1	6-inch Concrete Driveway	270	Sft	\$ 2.60	\$	702.00
107-1	ADA Compliant Sidewalk Ramp	305	Sft	\$ 3.00	\$	915.00
108-1	ADA Detectable Warning Plate	40	Sft	\$ 20.00	\$	800.00
109-1	Drainage Modifications	1	LS	\$ 2,800.00	\$	2,800.00
110-1	Regrade Ditch	50	Lft	\$ 10.00	\$	500.00
111-1	Seeding and Mulching	320	Syd	\$ 2.85	\$	912.00
Subtotal - Project No. 3 - Alternate No. 1					\$ -	\$ 15,330.50
Project No. 3 - Alternate No. 2 - Farmington Hills Ramps						
112-1	Mobilization (5% Maximum)	1	LS	\$ 100.00	\$	100.00
113-1	Pre-construction audio-visual	1	LS	\$ 50.00	\$	50.00
114-1	Soil Erosion and Sedimentation Control	1	LS	\$ 100.00	\$	100.00
115-1	Curb and Gutter, Rem	20	Lft	\$ 10.00	\$	200.00
116-1	Curb and Gutter, Conc, Det C4	20	Lft	\$ 18.00	\$	360.00
117-1	Sidewalk, Rem	50	Syd	\$ 9.00	\$	450.00
118-1	Pathway Grading	48	Lft	\$ 8.44	\$	405.12
119-1	Aggregate Base, 6 inch	90	Syd	\$ 2.25	\$	202.50
120-1	4-inch Concrete Sidewalk	500	Sft	\$ 2.40	\$	1,200.00
121-1	ADA Compliant Sidewalk Ramp	220	Sft	\$ 3.00	\$	660.00
122-1	ADA Detectable Warning Plate	40	Sft	\$ 20.00	\$	800.00
123-1	Dr Structure Cover, Adj, Case 1	1	Ea	\$ 400.00	\$	400.00
124-1	Seeding and Mulching	200	Syd	\$ 2.85	\$	570.00
Subtotal - Project No. 3 - Alternate No. 2					\$ -	\$ 5,497.62

Prepared by Spalding DeDecker Associates, Inc.
9/18/2009

**CITY OF NOVI
2009 PATHWAY CONSTRUCTION
PROJECT No. NV09-005
CONTRACT CHANGE ORDER No. 1**

Total Decrease / Increase in Contract Amount	\$	-	\$ 20,828.12
Net Increase in Contract Amount			\$ 20,828.12
Former Contract Amount			\$ 144,485.68
Adjusted Contract Amount to Date			\$ 165,313.80

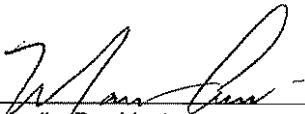
The time provided for completion of the Contract is unchanged.
This document shall become an Amendment to the Contract and all provisions of the Contract will apply hereto.

Item No.	Justification
93-1 thru 111-1 112-1 thru 124-1	} Project 3 Alternatives 1 and 2 requested by City
101-1	Curb and Gutter replacement requested by City on all Projects
116-1	Curb and Gutter replacement requested by City on all Projects

CITY OF NOVI
2009 PATHWAY CONSTRUCTION
PROJECT No. NV09-005
CONTRACT CHANGE ORDER No. 1

Audia Concrete Construction, Inc.
2985 Childs Lake
Milford, MI 48382

Accepted by
Contractor:




Mario Audia, President

Date: 9-18-09

Spalding DeDecker Associates, Inc.
905 South Boulevard East
Rochester Hills, MI 48307

Recommended by
Engineer:




Ted Meadows, Contract Administrator

Date: 9/18/09

Department of Public Services
Field Services Complex
26300 Delwal Drive
Novi, MI 48375

Approved by
Owner:



Brian Coburn, PE, Senior Civil Engineer

Date: 9/30/09



**EXHIBIT A
FEE PROPOSAL
CITY OF NOVI**

**ENGINEERING SERVICES FOR
2009 PATHWAY CONSTRUCTION**

We the undersigned propose to furnish to the City of Novi services consistent with the Request for Qualifications dated January 11, 2007 and Request for Proposals dated August 12, 2008, respectively. Design fees will be paid on an hourly basis for actual work performed to a maximum as proposed. A separate fee schedule is being provided should the City request additional work on an hourly basis.

Project	Phase	Total Fee
2009 Pathway Construction Base Scope (ADA ramp on SE corner of Ten Mile and Haggerty only)	Design Phase (no soil borings required)	\$ 18,500.00
	Construction Cost Estimate: \$ 200,000.00	
	Construction Phase: 6.75 % of Construction Cost	\$ 13,500.00
	TOTAL ESTIMATED FEE*	\$ 32,000.00
Alternate Scope (addition of pedestrian signal work, additional ADA ramps and RCOC coordination)	Design Phase (addition to base scope)	\$ 3,500.00

*Total Estimated Fee consists of a not-to-exceed design phase fee and a fixed percentage construction phase fee which is used to estimate an approximate fee amount based on the cost estimate above. The actual construction phase fee will be established when the project is awarded to a contractor by multiplying the fixed percentage provided and the bid price of the successful bidder.

PLEASE TYPE:

Company Name: Spalding DeDecker Associates, Inc.

Address: 905 E. South Blvd., Rochester Hills, Michigan 48307

Agent's Name: Cheryl L. Gregory, P.E.

Agent's Title: Transportation Department Manager

Agent's Signature: *Cheryl L. Gregory*

Telephone Number: (248) 844-5400 Fax Number: (248) 844-5404

E-mail Address: cgregory@sda-eng.com Date: 9/2/08