

City of Fayetteville Staff Review Form

2018-0312

Legistar File ID

7/3/2018

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Tim Nyander

6/5/2018

WATER SEWER (720)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends approval of Supplemental Agreement No. 1 Allgeier, Martin and Associates, Inc. for additional electrical engineering services in the not to exceed amount of \$46,144.00. The requested services include review, calculations and recommendations for the City's potable water pump stations to provide compliance with current Electrical Codes and updated arc flash safety requirements. The proposed contract cost will be increased from the existing \$480,049.00 to \$526,193.00.

Budget Impact:

5400.720.5600-5314.00

Water and Sewer

Account Number

Fund

12009.1

Water System Rehabilitation/Replacement

Project Number

Project Title

Budgeted Item? Yes

Current Budget \$ 6,757,704.00

Funds Obligated \$ 1,938,973.37

Current Balance **\$ 4,818,730.63**

Does item have a cost? Yes

Item Cost \$ 46,144.00

Budget Adjustment Attached? No

Budget Adjustment \$ -

Remaining Budget **\$ 4,772,586.63**

V20180321

Purchase Order Number: 2017-00000796

Previous Ordinance or Resolution # 262-17

Change Order Number: _____

Approval Date: _____

Original Contract Number: 2017-0000040

Comments:



MEETING OF JULY 3, 2018

TO: Mayor and City Council

THRU: Don Marr, Chief of Staff
Water & Sewer Committee June 12, 2018

FROM: Tim Nyander, Utilities Director

DATE: June 8, 2018

SUBJECT: Supplemental Agreement No. 1 to the Engineering Services Contract with Allgeier, Martin and Associates, Inc. for electrical engineering services

RECOMMENDATION:

Staff recommends approval of Supplemental Agreement No. 1 Allgeier, Martin and Associates, Inc. for additional electrical engineering services in the not to exceed amount of \$46,144.00. The requested services include review, calculations and recommendations for the City's potable water pump stations to provide compliance with current Electrical Codes and updated arc flash safety requirements. The proposed contract cost will be increased from the existing \$480,049.00 to \$526,193.00.

BACKGROUND:

The current contract with Allgeier, Martin and Associates, Inc for electrical engineering services was approved by the City Council on December 5, 2017 by Resolution 262-17.

DISCUSSION:

The proposed electrical engineering services contract is requested to provide recommendations and document requirements to assure compliance with current codes, prepare for required electrical replacement/improvements and arc flash electrical safety.

BUDGET/STAFF IMPACT:

Funds are available in the Water System Rehabilitation project.

Attachments:

Proposed Supplemental Agreement No. 1
Proposed Appendix A-1 (scope and fee)
Resolution 262-17

Supplemental Agreement No. 1

Allgeier, Martin and Associates, Inc.

Date: _____

Whereas, the City of Fayetteville, Arkansas (Owner) and Allgeier, Martin and Associates, Inc. (Engineer) entered into an Agreement for Professional Engineering Services (Agreement) on December 5, 2017 by City of Fayetteville Resolution 262-17; and,

Whereas, the City of Fayetteville has requested that the Engineer perform additional services outside the scope of the Agreement.

Now therefore, the following modifications will be made to the Agreement to include the additional services requested:

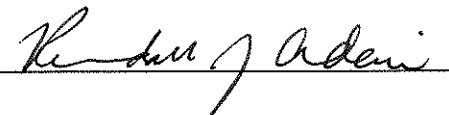
Modifications:

1. Section 2.1.1 – the additional scope of services are included in the attached Appendix "A-1".
2. Section 5.1 - the maximum not-to-exceed amount is increased from \$480,049.00 to \$526,193.00.

In witness whereof, the parties execute this Supplemental Agreement No. 1, to be effective on the date executed by the Mayor, City of Fayetteville and as noted above.

Allgeier, Martin and Associates, Inc.

City of Fayetteville, Arkansas

BY: 

BY: _____

Mayor Lioneld Jordan

**Supplemental Agreement No.1
Appendix A-1**

**FAYETTEVILLE POTABLE WATER STATIONS ARC FLASH ASSESSMENT &
ELECTRICAL EVALUATION OF EQUIPMENT**

Arc Flash Hazard Analysis and Mitigation Plans
(In Accordance with IEEE 1584 / NFPA 70E Standards)
for the City of Fayetteville

DESCRIPTION	HOURS	COST/HR.	EXT. COST
Potable Water Stations (12)	Engr III 50 hrs	\$180.00	\$9,000
Review Electrical Drawings			
Model Plant for Arc Flash - 480V			
Data Collection	Engr I 24 hrs	\$140.00	\$3,360
	Tech 24 Hrs	\$112.00	\$2,688
Coordinate Electric Supply Data w/ suppliers	Engr III 4 Hrs	\$180.00	\$720
Report - Assess Hazards and Recommend Mitigations	Clerical 16 hrs	\$70.00	\$1,120
Use of appropriate level of PPE	Engr III 24 hrs	\$180.00	\$4,320
Hard Copy	Print Shop 8 hrs	\$70.00	\$560
Electronic Format			
Provide Arc Flash Labels			
Print labels	Tech 16 hrs	\$80.00	\$1,280
Labels			\$350
Install labels in the field	Engr I 20 hrs	\$140.00	\$2,800
Subsistence			
Food - 6 days @\$25/day			\$150
Mileage - 4 Round Trips @ 100 miles 1 way @ 54¢/mile			\$432
Mileage - travel to sites 60 miles @ 54¢/mile			\$32
Review VFD, electrical Panels and SDCADA (12)	Tech 40 hrs	\$112.00	\$4,480
Drafting	Tech 72 hrs	\$80.00	\$5,760
Report for Electrical Analysis	Clerical 16 hrs	\$70.00	\$1,120
Use of appropriate level of PPE	Tech 32 hrs	\$112.00	\$3,584
Hard Copy	Print Shop 4 hrs	\$70.00	\$280
Electronic Format			
	SUB-TOTAL		\$42,036
Contingency of labor 10% as directed by Owner			\$4,107
	TOTAL		<u>\$46,144</u>

This is an hourly not-to-exceed price

Engineer's time will require traveling and working with City employee at each location.



113 West Mountain Street
Fayetteville, AR 72701
(479) 575-8323

Resolution: 262-17

File Number: 2017-0654

ALLGEIER, MARTIN AND ASSOCIATES, INC.:

A RESOLUTION TO AUTHORIZE A PROFESSIONAL ENGINEERING SERVICES AGREEMENT WITH ALLGEIER, MARTIN AND ASSOCIATES, INC., PURSUANT TO RFQ #17-01, IN AN AMOUNT NOT TO EXCEED \$480,049.00 FOR THE ENGINEERING DESIGN AND ENGINEERING OBSERVATION AND MANAGEMENT SERVICES ASSOCIATED WITH ELECTRICAL REHABILITATION AND IMPROVEMENTS AT THE PAUL R. NOLAND WASTEWATER TREATMENT PLANT, TO APPROVE A PROJECT CONTINGENCY IN THE AMOUNT OF \$48,004.90, AND TO APPROVE A BUDGET ADJUSTMENT

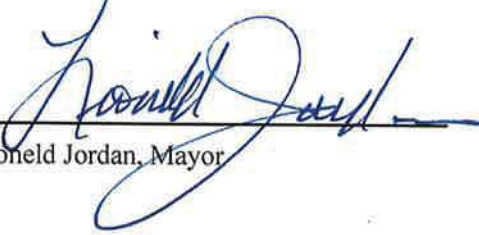
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FAYETTEVILLE, ARKANSAS:

Section 1: That the City Council of the City of Fayetteville, Arkansas hereby authorizes Mayor Jordan to sign a professional engineering services agreement with Allgeier, Martin and Associates, Inc., pursuant to RFQ #17-01, in an amount not to exceed \$480,049.00 for engineering design and engineering observation and management services associated with electrical rehabilitation and improvements at the Paul R. Noland Wastewater Treatment Plant, and further approves a project contingency in the amount of \$48,004.90.

Section 2: That the City Council of the City of Fayetteville, Arkansas hereby approves a budget adjustment, a copy of which is attached to this Resolution.

PASSED and APPROVED on 12/5/2017

Approved:


Lioneld Jordan, Mayor

Attest:


Sondra E. Smith, City Clerk Treasurer

