

**CITY OF SANTA FE
AMENDMENT No. 2 TO PROFESSIONAL SERVICES AGREEMENT**

AMENDMENT No. 2 (the "Amendment") to the CITY OF SANTA FE PROFESSIONAL SERVICES AGREEMENT (#17-1368), dated December 21, 2017 (the "Agreement"), between the City of Santa Fe (the "City") and William J Miller Engineers, Inc. (the "Contractor"). The date of this Amendment shall be the date when it is executed by the City and the Contractor whichever occurs last.

RECITALS

Pursuant to Article 18 of the Agreement, and for good and valuable consideration, the receipt and sufficiency of which are acknowledged by the parties, the City and the Contractor agree as follows:

1. SCOPE OF SERVICES

Article 1, paragraph A of the Agreement is amended to include additional professional engineering services for the City so that Article 1, paragraph A is amended to read in its entirety as follows:

A. The Contractor shall provide professional engineering services for the City for CIP Stormwater Management, Santa Fe River Repair and Bank Improvements (phase 3B) ("The Project"), in accordance with all provisions of its contract and the attached proposal as outlined in Exhibit "A-2", attached hereto and made a part thereof.

2. COMPENSATION.

Article 3, paragraph A of the Agreement is amended to increase the amount of compensation by a total of eight thousand two hundred ninety seven dollars (\$8,297.00) including New Mexico gross receipts taxes, so that Article 3, paragraph A reads in its entirety as follows:


A. The City shall pay to the Contractor (item # 17-1368, Exhibit B-2) in full payment for services rendered, a sum not to exceed forty eight thousand three hundred sixty-four dollars (\$48,364.00) including New Mexico gross receipts taxes for the term of this agreement.

3. AGREEMENT IN FULL FORCE.

Except as specifically provided in this Amendment, the Agreement remains and shall remain in full force and effect, in accordance with its terms.

IN WITNESS WHEREOF, the parties have executed this Amendment No. 2 to the City of Santa Fe Professional Services Agreement as of the dates set forth below.

CITY OF SANTA FE


ERIK LITZENBERG, CITY MANAGER

Date: 10/17/18

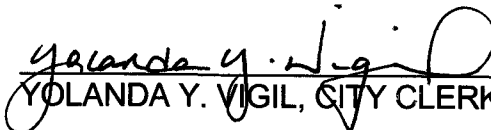

CONTRACTOR:

 By: 
William J. Miller Engineers, Inc


Date: 10-22-18

CRS#02-336831-004
City of Santa Fe Business
#18-00067308

ATTEST:


YOLANDA Y. VIGIL, CITY CLERK 

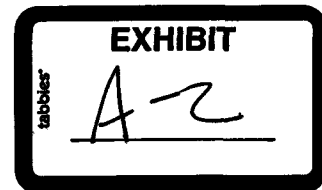
APPROVED AS TO FORM:

 9/26
ERIN K. MCSHERRY, CITY ATTORNEY

APPROVED:

 10/18 
MARY MCCOY, FINANCE DIRECTOR

22401/572960
Business Unit/Line Item



August 21, 2018

Ms. Melissa McDonald
River & Watershed Coordinator
City of Santa Fe
500 Market Street Station, Suite 200
Santa Fe, New Mexico 87501

Dear Ms. McDonald,

In response to your July 25, 2018 email regarding the July 23, 2018 flood event on the Santa Fe River, William J. Miller Engineers, Inc. submits the enclosed proposal for changes to our design and construction drawings for the Santa Fe River & Trail (Phase 3b) dated June 29, 2018. On July 31, 2018, staff from our office visited the Project site to observe and quantify changes in the river channel and adjacent rock rundowns in the vicinity of the Project.

During our site visit we made the following observations:

- Several of the four (4) rock cross vane structures located immediately downstream of the Ricardo Bridge sustained substantial damage and may not be functioning as intended. These structures provide important grade control at the upstream limit of our study reach and should be repaired in order to conform with the proposed design of the Santa Fe River at La Joya St (Phase 3b).
- The southern bank of the Santa Fe River channel eroded/retreated approximately 20 feet toward the south at the confluence of the stormwater channel from south La Joya St and the Santa Fe River.
- The stormwater channel draining from Alejandro St into the Santa Fe River sustained significant erosion/damage to the existing culvert.
- The existing rock cross vane structure, located approximately 300 feet downstream of Alejandro St, sustained substantial damage and is no longer functioning as intended. The river channel has moved southward at this location and the cross vane is not providing grade control at this location. This structure provides important grade control at the downstream limit of our study reach and should be repaired in order to conform with the proposed design of the Santa Fe River at La Joya St (Phase 3b).

We propose making the following changes to the June 29, 2018 (Phase 3b) Construction Drawings in response to site changes resulting from the July 23, 2018 flood event (See attached map with annotated numbers that match the items below):

1. Review the cause of the damage to Alejandro Street rundown and prepare a design for improvements to the rundown/culvert outfall area.
2. Modify design of La Joya St stormwater rundown structure to ensure stable outfall into Santa Fe River.
3. Move toward the south to the extent possible, the downstream 50-75 linear feet of proposed rock wall in order to expand the overall floodplain width of the Santa Fe River at the location immediately upstream of La Joya St stormwater rundown outfall.
4. Remove/clean-out excess sediment from culvert at crossing of existing concrete bike path, including removal of small elms at location immediately downstream of concrete path.
5. Repair scour hole located on floodplain bench immediately downstream of existing boulder baffle and re-vegetate with additional willow plantings.

In addition to the proposed changes to the Phase 3b Construction Drawings dated June 29, 2018, we recommend performing a field assessment and preparing an engineering report for the 1,200 linear foot reach of the Santa Fe River extending from the Ricardo Bridge to approximately 300 feet downstream of Alejandro Street. The field assessment would document the flood damages in this reach of the Santa Fe River as well as collect a post-flood longitudinal profile. The engineering report produced by our office would provide photo documentation of the flood damages and would be helpful to the City and future designers who may work on this reach of the Santa Fe River.

Our estimated cost to complete the proposed work is enclosed for consideration by the City of Santa Fe. We appreciate the opportunity to submit this proposal. Please call me if you have any questions or if additional information would be helpful.

Sincerely,



WJ: William J. Miller, P.E.
President

Enclosures

WILLIAM J. MILLER ENGINEERS, INC.
 PROJECT COST ACCOUNTING
 Cost Proposal for Engineering Services
 Response to July 23, 2018 Flooding
 City of Santa Fe

Task no.	Task Description	PROPOSED FEES			
		Total Labor	Equipment/ Supplies	Subcontract	Total
1	Collect supplemental hydrographic data to characterize changes resulting from July 2018 flooding	\$999	\$75		\$1,074
2	Engineering design	\$1,035			\$1,035
3	Prepare revised final construction drawings, specifications, and cost estimate	\$1,917	\$123		\$2,039
4	Perform a field assessment of all erosion/damages to the +/-1200 linear foot reach of river encompassing the La Joya St Project	\$915		\$800	\$1,715
5	Prepare an engineering report based on the results of damage assessment site visit	\$1,763	\$25		\$1,788
TOTALS =		\$6,629	\$223		\$6,852
Subtotal:					\$7,652
NMGRT (@ 8.4375%):					\$646
Total Cost (including NMGRT):					\$8,297

EXHIBIT B-1



Unit Rate Schedule

WILLIAM J. MILLER ENGINEERS INC.
2017-2018 Labor Rates and Fee Schedule

Labor rates:

Principal Engineer	\$124.85
Projects Engineer	\$88.56
Staff Civil Engineer	\$69.50
CAD Technical Assistant	\$53.30

Supplies and equipment:

Reproduction (8 1/2" x 11", black & white)	\$0.15 ea.
Reproduction (8 1/2" x 11", color)	\$0.08 ea.
Reproduction (11" x 17", black & white)	\$0.03 ea.
Reproduction (11" x 17", color)	\$0.25 ea.
Reproduction (24" x 36", color)	\$2.50 ea.
Reproduction (24" x 36", color)	\$17.50 ea.
Survey Equipment (Total Station)	\$75/day
Survey Equipment (RTK-GPS)	\$30/hr.