

AMENDMENT TO OWNER-ENGINEER AGREEMENT
Amendment No. 8

1. Background Data:

- a. Effective Date of Owner-Engineer Agreement: April 24, 2012
- b. Owner: Santa Fe County, 102 Grant Avenue, Santa Fe, NM
- c. Engineer: Molzen-Corbin & Associates, Inc., 2701 Miles Road SE, Suite 200, Santa Fe, NM
- d. Project: Lamy Junction Waterline Project, Santa Fe County Contract No. 2012-0055-UT/MS

2 Description of Modifications:

WHEREAS, Contract No. 2012-0055-UT/MS (the Contract) entered into by Santa Fe County ("Owner") and Molzin-Corbin & Associates, Inc. (Engineer) in 2012 provides for services to be provided by the Engineer consisting of Study and Report and Basic Design Services for the design for the completion of the Lamy Junction Waterline Project; and


WHEREAS, the Contract was amended in 2013 by Amendment No. 1 to adjust the Engineer's scope of design services, include the services of an RPR, and increase compensation by \$30,250.70 for a total contract sum of \$441,619.66; and

WHEREAS, the Contract was amended in 2014 by Amendment No. 2 to amend the Engineer's scope of services to provide for an environmental clearance report and environmental monitoring plan for a historic landmark and increase the compensation by \$10,111.70 for a total contract sum of \$451,731.36; and

WHEREAS, the Contract was amended in 2014 by Amendment No. 3 to provide for an environmental monitoring plan to be implemented during the construction phase, completion of construction specs to coordinate with an NMDOT interchange project, design of an access road, provide for SCADA, and increase the Contractor's reimbursables. Amendment No. 3 increased the compensation by \$34,230.78 for a total contract sum of \$485,962.14; and


WHEREAS, the Contract was amended in 2014 by Amendment No. 4 to provide for additional environmental monitoring relating to the Apache Canyon Waterline Relocation portion of the project and increase the compensation by \$7,227.70 for a total contract sum of \$493,189.84; and

OWNER SANTA FE COUNTY:

By: 
Katherine Miller
Santa Fe County Manager

Date Signed: 3.7.17

ENGINEER MOLZIN-CORBIN &
ASSOCIATES, INC.

By: 
KEVIN EADES
Title: EVP

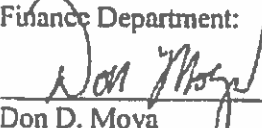
Date Signed: 02/27/17

Approved as to form:


Gregory S. Shaffer
Santa Fe County Attorney

5/15/17
Date

Finance Department:


Don D. Moya
Finance Director

2-20-17
Date

MOLZEN CORBIN

December 7, 2016

Mr. David Madrid
Project Manager III, Projects Division
Santa Fe County
P.O. Box 276
Santa Fe, New Mexico 87504-276

**RE: Lamy Jct. Water Transmission Line
Water Quality Memo**

SFC122-20

Dear Mr. Madrid:

As discussed, Molzen Corbin proposes to amend the scope of the above mentioned project to add the following items:

- Preparation of a conceptual letter report recommending treatment alternatives for the removal of Nitrate, Nitrite, Trihalomethanes, and Haloacetic Acids (HA5).
- Preparation of cost estimates for design and installation of the recommended treatment alternatives.

The following is a brief explanation of these additions:

The County anticipates that demand on the Lamy Jct. Water Transmission Line will not be sufficient to prevent water quality deterioration due to aging. Water treatment may be required to maintain water quality, until there is sufficient demand on the system.

The fee for the proposed services is **\$19,425**. (Excluding NMGR.T.)

See the enclosed work plan for breakdown of the proposed fee.

It is understood that Molzen Corbin will be compensated for these professional services by re-assigning funds that are currently allocated for Resident Project Representative in the project budget.

If I can be of further assistance to you, please feel free to contact me at (505) 242-5700.

Sincerely,

MOLZEN CORBIN



Steven K. Morrow, P.E.

SKM:ptm
Enclosure

MANHOUR ESTIMATE

Lamy Water Quality Study

Michael Kelley, Public Works Director, SFCo.

Steve Morrow

		CIVIL		WATER RESOURCES		ADMIN.	Totals per Task
No.	Project Task	CIVIL - Sr. Engineer	CIVIL - CAD Operator II	WR - Principal Engineer	WR - Sr. Engineer	ADMIN - Support	
1.	Pre-Design/Study						
1	Tabulate water quality data from County.				2.00		2.00
2	Search for predictive model for DBP based on reaction time, temperature and pH.				4.00		4.00
3	Run scenarios of water quality with various treatment options.				12.00		12.00
4	Research applicable technologies to reduce DBP precursors and produce safe water, such as mixing, aeration, O ₃ , UV, H ₂ O ₂ , and rechlorination.				16.00		16.00
5	Contact equipment vendors for treatment information and costs.				12.00		12.00
6	Develop treatment alternatives.				6.00		6.00
7	Prepare process schematics.		16.00		4.00		20.00
8	Prepare cost options of construction for each alternative and engineering for the best alternative.				12.00		12.00
9	Compare and evaluate alternatives.				4.00		4.00
10	Prepare letter report text.			1.00	4.00	8.00	13.00
11	Assemble draft report.				2.00	2.00	4.00
12	Incorporate comments from County and prepare final report.		2.00		3.00	4.00	9.00
13	In-house coordination meetings (2).	2.00		2.00	2.00		6.00
14	Phone conferences with County (2).	2.00		2.00	2.00		6.00
15	Project Management	3.00					3.00
16	Quality Assurance						0.00
17							3.00
Subtotal Hours Pre-Design/Study		7.00	18.00	3.00	85.00	14.00	132.00
Subtotal Fees Pre-Design/Study		1,155.00	1,170.00	1,400.00	14,450.00	1,050.00	\$19,225.00
Total Labor Hours		7.00	18.00	8.00	85.00	14.00	132.00
Standard Billing Rate or Fee		\$165.00	\$65.00	\$175.00	\$170.00	\$75.00	
Fee Dollars		\$1,155.00	\$1,170.00	\$1,400.00	\$14,450.00	\$1,050.00	\$19,225.00

Printing Expenses \$200.00