

PROFESSIONAL SERVICES AGREEMENT

AMENDMENT NO. 1

This Amendment to Agreement dated June 6, 2017, made and entered into this 7th day of November, 2018, between CITY OF BISBEE, COUNTY OF COCHISE, STATE OF ARIZONA (hereinafter called CITY) and MILLER ENGINEERS, INC. d/b/a SOUDER, MILLER & ASSOCIATES (hereinafter called CONSULTANT or SMA)

IT IS MUTUALLY AGREED BETWEEN THE PARTIES:

CITY hereby engages CONSULTANT to perform the services identified in Section 1 below, per the schedule and compensation set forth in Sections 2 and 3, respectively. Any additional work and corresponding compensation not identified below will be detailed and included in future Amendments to the referenced Agreement.

Section 1: Scope of Work

Please refer to the attached Drainage and Street Improvements Site Plan. The Scope of work associated with the present Amendment No. 1 consists of:

1. Data Collection Survey: SMA will provide topographic survey for the roads shown in the attached Drainage and Street Improvements Site Plan. Survey will include spot elevations at critical points; tops of manholes, tops of valves, tops of meters, building finished floor elevations and existing driveways. This survey will be coordinated with an aerial (drone survey), existing in SMA's files from Phase I.
2. Preliminary Design: SMA will provide plan and profiles for the streets shown in the attached Drainage and Street Improvements Site Plan. Design will include preliminary road section details, and details for recommended drainage improvements. The City shall provide design review comments within three business days of Preliminary Design submittal.
3. Final Design: Advance the preliminary plan and profiles, typical road sections, drainage infrastructure, and pavement sections to final design plans. SMA will provide details in the plans for stop signs and placement of curb and gutter as much as prescribed by drainage mitigation needs. Pavement design (pavement section) will be the minimum section dictated by the City of Bisbee Public Works Department. Construction Traffic Control design will be completed by the General Contractor prior to beginning construction activities. Design for roads will be provided in one complete plan set with additive alternatives identified in the set. A separate construction plan set will not be developed for the additive alternatives. **Not included in this scope are: Geotechnical investigations, pavement design, design for underground utilities (e.g., water, sewer, storm), pavement markings, Americans with Disabilities Act Accessibility, retaining structures, metal or concrete barriers. Also not included in this scope of work, is any permitting and/or coordination with Arizona Department of Transportation (AZDOT), traffic impact analysis or modeling.**
4. Bid Administration: SMA will create the bid package (drawings, contract booklet and summary of quantities) and will create any addenda required to answer questions during the bid process.
5. Construction Administration. SMA will answer all questions generated during the construction process by the general contractor via request for information and will coordinate with the City with regard to recommendations.
6. Construction Observation. SMA will provide periodic observation consisting of four total visits – one at the kick-off, two during construction and one at final closing of construction. SMA will also review and or approve pay request, submittals packages and review record drawings (as built). Additional site inspection visits will be provided on a time and materials basis at the rates provided in the attached 2018 Professional Services Rates and will only occur with the prior written approval of the City.

Section 2: Schedule and Term

A detailed project schedule will be developed at completion of field survey. However, final, stamped plans are anticipated by October 26, 2018.

Section 3: Compensation

The fees for performing the services defined in Section 1 above are as follows:

Lump Sum Fees for Professional Consulting Services	
Description – Design Phase	Amount
Data Collection (Survey)	\$ 6,840.60
Preliminary Design (30%)	\$ 9,647.00
Final Design (90% & 100%)	\$ 5,436.00
Total Design Phase Fee	\$ 21,923.60
Description – Construction Phase	
Bid Administration	\$ 5,268.00
Construction Administration	\$ 7,248.00
Construction Observation	\$ 6,840.00
Total Construction Phase Fee	\$ 19,356.00
Total Lump Sum Fee	\$ 41,279.60

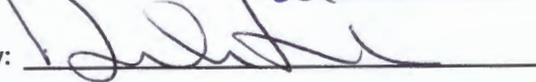
CONSULTANT shall be authorized to commence the Services detailed herein upon execution of this Amendment, unless otherwise specified. CONSULTANT and CITY agree that this signature page, together with the Standard Terms and Conditions of the original Agreement, and all Exhibits, Attachments and Amendments referred to herein, constitute the entire Agreement relating to the Work.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

CITY:

CITY OF BISBEE
Public Works Department
1415 Melody Lane, Bldg. G
Bisbee, AZ 85603

Federal Tax ID Number: 86-6000235

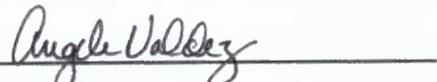
By: 

Name, Title: David M. Smith

Date: November 8, 2018

CONSULTANT:

MILLER ENGINEERS, INC. d/b/a
SOUDER, MILLER & ASSOCIATES
500 West Main Street
Safford, Arizona 85546
Tel. (928) 428-9141
Federal Tax ID Number: 85-0336964

By: 

Name, Title: Angela Valdez, NM PE
Vice President, General Civil Business Line

Date: October 10, 2018

**2018 PROFESSIONAL SERVICES RATES
BY CATEGORY
AMENDMENT NO. 1 - ATTACHMENT NO. 1**

PROFESSIONAL SERVICES

Professional Staff

Principal	\$ 220.00	per hour
Senior Design Manager	\$ 190.00	per hour
Senior Engineer/Scientist/Surveyor/Manager II	\$ 165.00	per hour
Senior Engineer/Scientist/Surveyor/Manager I	\$ 145.00	per hour
Project Engineer/Scientist/Surveyor/Manager II	\$ 125.00	per hour
Project Engineer/Scientist/Surveyor/Manager I	\$ 110.00	per hour
Staff EIT/Scientist/LSIT II	\$ 100.00	per hour
Staff EIT/Scientist/LSIT I	\$ 90.00	per hour

Technical Staff

Senior Engineering/Design/Survey Tech V	\$ 120.00	per hour
Senior Engineering/Design/Survey Tech IV	\$ 105.00	per hour
Engineering/CAD/Design/Survey/Field Tech III	\$ 90.00	per hour
Engineering/CAD/Design/Survey/Field Tech II	\$ 75.00	per hour
Engineering/CAD/Design/Survey/Field Tech I	\$ 65.00	per hour
Construction Observer IV	\$ 110.00	per hour
Construction Observer III	\$ 90.00	per hour
Construction Observer II	\$ 75.00	per hour
Construction Observer I	\$ 60.00	per hour

Support Staff

Project Financial/Manager Assistant II	\$ 90.00	per hour
Project Financial/Manager Assistant I	\$ 70.00	per hour
Administrative Assistant IV	\$ 110.00	per hour
Administrative Assistant III	\$ 90.00	per hour
Administrative Assistant II	\$ 70.00	per hour
Administrative Assistant I	\$ 50.00	per hour

EXPENSES

All project-related expenses will be billed at rates determined with respect to current market pricing; *a complete list of expense rates is available upon request.*

OTHER SERVICES

Telephone/facsimile/postage @ actual cost
 Mileage @ \$0.545 per mile (or current IRS rate)
 Per diem \$144.00 per day (or max per-diem rate per USGSA)
 Other travel (car rental, air, etc.) @ actual cost

SUBCONTRACTED SERVICES

Subconsultants, analytical laboratories, drilling services & general subcontractors @ cost+10%

The standard rates identified herein are effective January 1, 2018 and will be adjusted annually and submitted to the City in the month of January to reflect equitable changes in the compensation payable to Engineer.

Applicable taxes will be added to all billable hours, expenses and other charges. A 1.5% interest charge per month will be applied to all invoices not paid within 30 days.

