
Meeting Date: April 19, 2017

Staff Contact: Katherine Yuhas, Water Resources Division Manager

TITLE: C-17-9 – Supplement to Add Money and Services to the Dynamic Simulation Model/Water Resources Strategy Contract with INTERA

ACTION: Recommend Approval

SUMMARY:

This agreement will allow the Water Authority to add an additional task to this contract to determine the potential for reuse of treated wastewater through 2035 by evaluating the amount of water that will be available, the best possible usage locations and develop a conceptual design and cost for potential new infrastructure to implement wastewater reuse.

FISCAL IMPACT:

Budgeted \$80,000 from Water Resources Division contractual funds.

**SEVENTH SUPPLEMENTAL AGREEMENT
ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY
AND
INTERA, INC.**

THIS SEVENTH SUPPLEMENTAL AGREEMENT is made and entered into on the date of the last signature entered below by and between the Albuquerque Bernalillo County Water Utility Authority, a New Mexico political subdivision, P.O. Box 568, Albuquerque, NM 87103-0568 (hereinafter referred to as the "Water Authority"), and Intera, Inc., a Texas corporation, with an office at 6000 Uptown Blvd NE, Suite 100, Albuquerque, NM 87110 (hereinafter referred to as the "Contractor" or "INTERA").

RECITALS

WHEREAS, the Water Authority and the Contractor entered into an Agreement, dated May 19, 2010, pursuant to the Water Authority's Request for Proposals, RFP2009-027-TC titled "Water Resources Management Strategy", referenced as Exhibit A and Contractor's response to RFP2009-027-TC, dated April 9, 2009, referenced as Exhibit B, as amended by a First Supplemental Agreement, dated July 10, 2012, a Second Supplemental Agreement, dated May 29, 2013, a Third Supplemental Agreement, dated July 1, 2013, a Fourth Supplemental Agreement, dated April 24, 2014, a Fifth Supplemental Agreement, dated April 3, 2015 and a Sixth Supplemental Agreement dated December 18, 2015, hereinafter referred to as the "Original Agreement", whereby the Contractor agreed to render certain professional services to the Water Authority; and

WHEREAS, the Water Authority wishes to add the Planning of Additional Reuse Associated with Proposed Developments in southwest Albuquerque through 2035, in support of future water planning attached hereto as Exhibit H; and

WHEREAS, the Contractor developed the Scope of Services required to complete the use existing studies to determine along with the Water Authority, the potential availability of wastewater for reuse through 2035; and

WHEREAS, the Water Authority wishes to expand the Scope of Services to include the determine the potential availability of wastewater for reuse through 2035; and

WHEREAS, the Water Authority has determined that services are needed for an additional one (1) year period; and

WHEREAS, the Water Authority wishes to increase the total compensation amount by \$80,000.00 to complete the above mentioned services; and

WHEREAS, the Contractor is agreeable to the increase in total compensation, additional one (1) year extension to the Original Agreement and the requested Planning Services.

NOW, THEREFORE, in consideration of the premises and mutual obligations herein, the parties hereto do mutually agree as follows:

1. Section 1 of the Original Agreement is hereby amended to include the following additional tasks set forth in Exhibit H, Scope of Services, which is attached hereto and incorporated herein as part of the Original Agreement.
2. Section 2 of the Original Agreement is hereby amended to read as follows:

Time of Performance. Services of the Contractor shall commence on May 17, 2010, and shall be undertaken and completed in such sequence as to assure their expeditious completion in light of the purposes of this Agreement; provided, however, that in any event, all of the Services required hereunder shall be completed by June 30, 2018.

3. Section 3.A. of the Original Agreement is hereby amended to read as follows:

Compensation. For performing the Services specified in Section 1 hereof, the Water Authority agrees to pay the Contractor up to the amount of **One Million Four Hundred Eighty-One Thousand Six Hundred Eighteen and 00/100 Dollars (\$1,481,618.00)**, which amount includes any applicable gross receipts taxes and which amount shall constitute full and complete compensation for the Contractor's Services under this Agreement, including all expenditures made and expenses incurred by the Contractor in performing such Services.

4. Exhibit C, Project Budget, of the Original Agreement is hereby amended to include the amount of **Eighty Thousand and 00/100 Dollars (\$80,000.00)**, to be paid in accordance with Exhibit H – Cost Summary which is attached hereto and incorporated herein as part of the Original Agreement.

5. Except as herein expressly amended, the terms and conditions of the Original Agreement shall remain unchanged and shall continue in full force and effect unless there is a conflict between the terms and conditions of the Original Agreement and this Seventh Supplemental Agreement, in which event, the terms and conditions of this Seventh Supplemental Agreement shall control.

6. This Seventh Supplemental Agreement shall not become effective or binding until approved by the Water Authority's Executive Director.

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IN WITNESS WHEREOF, the Water Authority and the Contractor have executed this Sixth Supplemental Agreement as of the date of the last signature entered below.

**ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY**

CONTRACTOR: INTERA, INC.

Approved By:

Mark S. Sanchez, Executive Director

Date: _____

John M. Stomp III, P.E.
Chief Operating Officer

Date: _____

Reviewed by:



Peter S. Auh, General Counsel

Date: 4-4-17

By: _____

Print: _____

Title: _____

Date: _____

State Taxation and Revenue Department
Taxpayer Identification No.:
02-480923-00-3

Federal Taxpayer Identification No.
743010638

EXHIBIT H

Scope of Services

Introduction

The Water Authority's *Water 2120 Plan* (Plan) conceptually articulated a variety of strategies to ensure a resilient water supply for ratepayers for the next 100 years, through 2120. Three foundational elements of the Plan were identified: conservation, storage, and reuse. Very successful conservation efforts by the Water Authority have been underway and are ongoing, as described in the Plan. Conservation has been and will remain a key source of the supply for the future, and the current Water Authority conservation plan will be updated to reflect the Plan. In its final presentation to the Water Authority Governing Board in September of 2016, where the Board unanimously approved the Plan, the Water 2120 Project Team presented potential next steps needed to begin to implement the Plan. These steps included development of plans for Water Reuse and Recycling, among other plans. This scope of work presents an approach to for planning of additional reuse associated with proposed development in Southwest Albuquerque.

Proposed future development represents an opportunity for the Water Authority to develop additional reuse facilities that will be integrated in existing development plans, thus allowing for more holistic reuse planning for new developments. With reuse planning integrated into development planning, the Water Authority will be able to ensure that reuse infrastructure is built as development occurs. This will ensure that wastewater can be recycled for turf irrigation of green spaces as well as other uses, including industrial and indirect potable use.

Tasks to be included under this scope:

- Task 1.** Utilize existing studies and coordinate with the Water Authority to determine potential availability of wastewater for reuse through 2035. The potentially available wastewater will be divided into that which may be available on the eastside or westside of Albuquerque and further subdivided as determined by the Water Authority based on demand.
- Task 2.** Utilize existing studies and if not available determine potential demand for reuse by evaluating potential consumers/uses of reuse water including turf irrigation (schools, parks, community centers, etc.), potential future industrial users, potential future indirect potable reuse, and/or new storage. The demand for existing uses will be provided by the Water Authority.
- Task 3.** Develop a conceptual design and cost for potential new infrastructure to implement wastewater reuse for those sites identified in existing studies and other sites as determined by the Water Authority.

Deliverables

- Task 1.** Summary of current master plans and an estimate of potential availability of wastewater from proposed new development(s)
- Task 2.** Estimates of potential demand for reuse water for turf irrigation, industrial use, indirect potable use, and/or new storage

Task 3. Conceptual design, including conceptual drawings and cost, of potential new infrastructure needed to implement reuse associated with proposed new development

Schedule

These activities will be completed no later than July 31, 2017.

Cost Summary

Task	Cost
Task 1. Evaluate master plans and estimate wastewater availability	\$9,800
Task 2. Estimate potential demand	\$11,300
Task 3. Conceptual designs	\$53,076
Subtotal	\$74,176
NMGRT (7.3125%)	\$5,424
Total	\$79,600