

**EXHIBIT**  
**“A”**

STATE OF TEXAS                       §  
   §  
COUNTY OF WILLIAMSON             §

**SUPPLEMENTAL CONTRACT NO. 1**  
**TO CONTRACT FOR ENGINEERING SERVICES**

**FIRM:**            AECOM TECHNICAL SERVICES, INC. (“Engineer”)  
**ADDRESS:**    13640 Briarwick Boulevard, Austin, TX 78729  
**PROJECT:**    Water Treatment Plant Miscellaneous Improvements

This Supplemental Contract No. 1 to Contract for Engineering Services is made by and between the City of Round Rock, Texas, hereinafter called the “City” and AECOM Technical Services, Inc., hereinafter called the “Engineer.”

**WHEREAS,** the City and Engineer executed a Contract for Engineering Services, hereinafter called the “Contract,” on the 13th day of July, 2023 for the Water Treatment Plant Miscellaneous Improvements Project in the amount of \$257,490.00; and

**WHEREAS,** it has become necessary to amend the Contract to modify the provisions for the scope of services and to increase the compensation by \$127,884.00 to a total of \$385,374.00;

**NOW THEREFORE,** premises considered, the City and the Engineer agree that said Contract is amended as follows:

I.

Article 1, City Services and Exhibit A, City Services shall be amended as set forth in the attached Addendum To Exhibit A.

II.


Article 2, Engineering Services and Exhibit B, Engineering Services shall be amended as set forth in the attached Addendum to Exhibit B. Exhibit C, Work Schedule shall be amended as set forth in the attached Addendum to Exhibit C.

III.

Article 4, Compensation and Exhibit D, Fee Schedule shall be amended by increasing by \$127,884.00 the maximum amount payable under the Contract for a total of \$385,374.00, as shown by the attached Addendum to Exhibit D.

**IN WITNESS WHEREOF,** the City and the Engineer have executed this Supplemental Contract in duplicate.

**AECOM TECHNICAL SERVICES, INC.**

**By:**   
\_\_\_\_\_  
Vice President

12/10/2024  
\_\_\_\_\_  
**Date**

**CITY OF ROUND ROCK**

**APPROVED AS TO FORM:**

**By:** \_\_\_\_\_  
**Craig Morgan, Mayor**

\_\_\_\_\_  
**Stephanie L. Sandre, City Attorney**

\_\_\_\_\_  
**Date**

## ADDENDUM TO EXHIBIT A

### City Services

The City of Round Rock will furnish to the Engineer the following items/information:

- Designate a person to act as City's representative with respect to the services to be performed or furnished by the Engineer. This representation will have authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to engineering services.
- Provide all criteria and full information as to City's requirements for the Task, including as-builts, and any other information necessary.
- Assist Engineer by placing all available information pertinent to the Task, including previous reports and any other data relative to the ultimate project if available to the City and necessary for the Engineer to complete the task.

# ADDENDUM TO EXHIBIT B

## Engineering Services

### PROJECT BACKGROUND

The City of Round Rock owns and operates a water treatment plant, referred to herein as the Round Rock Water Treatment Plant (RRWTP), located at 5200 N. IH35 in Round Rock, Texas. The RRWTP can treat approximately 52 MGD of raw water from Lake Georgetown through three existing treatment plant phases, referenced as Phase III, Phase IV, and Phase V. Each treatment phase includes a rapid-mix section, followed by flocculation basins, sedimentation basins, filters, a combined disinfection basin, and ends at several large clearwells and pumping stations which distribute treated drinking water into the City's distribution system. Construction of the various Phases has spanned several years, beginning in 1996 and going through 2002. Additionally, multiple smaller improvement projects have been constructed on the RRWTP site over the years, providing miscellaneous improvements to various treatment, and piping components.

Currently, the RRWTP uses Alum and polymer chemical addition for coagulation during the treatment process and Chlorine Gas and Liquid Anhydrous Ammonia for disinfection and residual control. Due to the length of time and severity of service, several chemical feed lines, the Alum and polymer feed systems, various sample pipes, and other miscellaneous items have reached their useful life and are beginning to fail, causing maintenance issues throughout the treatment plant and process. AECOM has carried out and completed the Final Design of the miscellaneous improvements associated with the Round Rock Water Treatment Plant, and the City of Round Rock has asked AECOM to develop a proposal for Construction Phase Services for the project.

### PROJECT DESCRIPTION

On October 18, 2024 AECOM submitted the Final Design Documents for the Round Rock Water Treatment Plant Miscellaneous Improvements Project, and the City of Round Rock posted the Project for Bidding on October 23, 2024. The Final Design Documents included a rehabilitation of the existing chemical feed system, sample lines to the laboratory, washdown water at the Sedimentation Basins, and other miscellaneous components that were in need of repairs and/or replacement. AECOM has been asked to provide Construction Phase Services for the improvements laid out in the Final Design Documents.

### SCOPE OF WORK

The following paragraphs define the specific tasks associated with the Construction Phase Services for the system and piping improvements described above.

#### Task 1: Project Management

1. Prepare for, attend, and conduct a pre-construction conference to discuss the general and specific requirements of the construction contract. Produce meeting minutes for pre-construction conference and distribute to all attendees.
2. Attend and conduct bi-weekly progress meetings. These meetings will alternate between on-site and remote Microsoft TEAMS meetings. This proposal is based on conducting a total of twenty-eight (28) progress meetings for the duration of the construction contract; fourteen (14) in-person meetings, and fourteen (14) TEAMS meetings. This service will include the preparation of the meeting agenda and meeting summary minutes. Two (2) hours per meeting for two people are allocated for this task.
3. Prepare and submit monthly invoices and progress reports. The monthly reports will support the monthly billings. Progress Reports shall include a summary description of the tasks completed as of the progress report date and will be submitted with invoices on a monthly basis. This task is based on the assumption that monthly reports will be provided for the duration of the project, with each report and invoice requiring approximately two (2) man hours.

## Task 2: Construction Phase Services

1. Provide general contract administration support during construction phase, including communication with the Owner and Contractor. This support will include the preparation, maintenance, and distribution of an RFI log and Shop Drawing Log. This service will be provided on an average of 2 hours per week for the 14 month duration of the total construction project.
2. Perform routine site visits by design personnel to review the progress of work performed by the construction Contractor. This service will be provided based on an average of two (2) man-hours per monthly site visit, conducted following the monthly progress meeting. During these site visits, the Engineer will observe the progress and quality of the executed work, and will determine, in general, if the work is proceeding in accordance with the Contract Documents. In performing this service, the Engineer will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the work or material; they will not be responsible for the techniques of construction or the safety precautions incident thereto; and they will not be responsible nor liable in any degree for the Contractor's failure to perform the construction work in accordance with the Contract Documents. During these visits to the construction site, and on the basis of the Engineer's on-site observations, they will keep the Owner informed of the extent of the progress of the work, and advise the Owner of material and substantial defects and deficiencies in the work of the Contractors which are discovered by the Engineer or otherwise brought to the attention during the course of construction.
3. Review samples, catalog data, schedules, shop drawings, laboratory, shop and mil tests of materials and equipment, and other data which the Contractor is required to submit. The review of these submittals will include incorporation of review comments from the Owner. This proposal is based on a total of forty (40) submittals, with an average of 1.5 submissions per submittal, and requiring about three (3) hours reviewing and processing each submittal.
4. Assist the Owner in issuing necessary clarifications and interpretations of the Contract Documents as appropriate to the orderly completion of the Contractor's work. Such clarifications and interpretations will be consistent with the intent of, and reasonably inferred from, the Contract Documents. The budget is based on responding to ten (10) Requests for Information (RFIs), with each requiring four (4) hours to resolve.
5. Prepare and process change orders to the construction contract as determined by the City of Round Rock. This proposal is based on preparing two (2) change order to the contract with each change order requiring approximately six (6) man-hours.
6. Participate in the startup and commissioning of the new alum and polymer feed systems for each treatment phase improvements, confirming the operation and control of the system is consistent with the design intent, and functions to the acceptance of the Owner. This proposal is based on an anticipated 1-day operational test for each treatment phase improvements. On-site witnessing of the start-up and commissioning is anticipated to result in a 4-hour test per treatment phase, and an additional 4-hour test for the fifth redundant polymer and alum metering pump, for the proposed alum and polymer feed systems.
7. Check and review Operation and Maintenance manuals submitted by the Contractor. This proposal is based on a total of eight (8) O&M Manuals, with each submitted an average of 1.5 times and requiring four (4) hours to review each time. Following review, the completed Project O&M Manual will be assembled by the Contractor and submitted to the Owner.
8. Conduct, with the Owner, a substantial completion review of the project and prepare a preliminary punch list of items not in compliance with the Contract Documents.
9. Conduct, with the Owner a final review of the project for compliance with the Contract Documents and make a recommendation concerning the project status as it affects the Owner's final payment to the Contractor.

10. Prepare Record Drawings at the completion of construction. Incorporate as-built information received from the Contractor's red-lined markups and the Owner's on-site representative into the Record Drawings and submit to the Owner for review. Provide both AutoCAD and .pdf versions of the final Record Drawings.

#### **SPECIAL SERVICES**

The Scope of Services and the budget presented herein do not include the following services. At such time that it is determined that these services may be required, AECOM will obtain authorization from the City of Round Rock prior to performing any work.

1. Travel and subsistence required of AECOM and authorized by the Owner to points other than local governmental agencies, consultants, and project sites.
2. Filing, review, permit inspection and other fees assessed by the City, County, or State
3. Expert witness testimony concerning the project or any of its elements.
4. Permitting services, including but not limit to the completion of any permit application for any regulatory agency.
5. Construction phase survey control staking, confirmation of benchmarks, or verifications. Performance of any topographic, boundary survey or property boundary research.
6. Construction phase geotechnical or materials testing services. AECOM understands the Owner will contract directly with a licensed testing laboratory when services are needed.
7. On-site Resident Project Representative Services.
8. Warranty Phase Services after Construction

#### **DELIVERABLES**

The following deliverables will be submitted within each phase of the work defined above:

1. Monthly Progress Reports and meeting minutes.
2. Record Drawings.

## **ADDENDUM TO EXHIBIT C**

### Work Schedule

It is anticipated that the above scope of work for the Construction Phase will be completed within fourteen (14) months of the authorization to proceed.



**ADDENDUM TO EXHIBIT D**

Fee Schedule

CITY OF ROUND ROCK

EXHIBIT NO. 1

**ROUND ROCK WATER TREATMENT PLANT MISCELLANEOUS IMPROVEMENTS PROJECT**

**AECOM Technical Services, Inc.**

Labor Classifications	<b>Principal</b>	<b>Project Manager</b>	<b>Sr. Engineer</b>	<b>EIT</b>	<b>CADTech</b>	<b>Admin</b>	
Billing Rate	\$ 335	\$ 297	\$ 245	\$ 150	\$ 160	\$ 110	

**LABOR ESTIMATE**

Task	Principal	Project Manager	Sr. Engineer	EIT	CADTech	Admin	TOTAL
<b>TASK 1: PROJECT MANAGEMENT</b>							
1 Prepare for and attend Pre-construction conference		2		2		2	6
2 Attend routine progress meetings (28x)		56		56			112
3 Prepare and submit monthly invoices		8				14	22
<b>TASK 2: CONSTRUCTION PHASE SERVICES</b>							
1 Provide general contract admin services		8	20	84			112
2 Perform monthly site visit		2		38			40
3 Review samples, shop drawings, etc. (40*1.5*3)	8	24	36	108		4	180
4 Review and respond to RFIs (15x)	2	6	6	22		4	40
5 Prepare and Process Change Orders (2x)	1	2		8		1	12
7 Participate in startup and commissioning		6		24			30
8 Review O&M manuals (8*1.5)	2	4		38		4	48
9 Conduct substantial completion inspection and punchlist		6		8		2	16
10 Conduct final completion inspection				4		2	6
11 Produce project Record Drawings	2	4		8	36		50
<b>TOTAL HOURS</b>	<b>15</b>	<b>128</b>	<b>62</b>	<b>400</b>	<b>36</b>	<b>33</b>	<b>674</b>
<b>TOTAL LABOR COSTS</b>	<b>\$5,025</b>	<b>\$38,016</b>	<b>\$15,190</b>	<b>\$60,000</b>	<b>\$5,760</b>	<b>\$3,630</b>	<b>\$127,621</b>

**OTHER DIRECT COSTS**

ITEM	UNITS	QTY.	RATE	SUBTOTAL	MULT	TOTAL
Printing	LS	1	\$250	\$250	1.05	\$ 263
<b>Total</b>						<b>\$263</b>

<b>TOTAL FEE ESTIMATE</b>		<b>\$127,884</b>
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