



**SAN ANTONIO WATER SYSTEM
MULTIPLE SEWERSHED PACKAGE 2A
SAWS PROJECT NO. 17-4533
SOLICITATION NO. CO-00146**

ADDENDUM 1
(August 9, 2018)

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

Q1: Will the Owner/Engineer please confirm the budget for this project?

Response: \$26,778,513.00

Q2: Will the Owner/Engineer please provide any previous itemized bid tabulations for projects of similar scope?

Response: Project scopes will vary. Bid Tabulations for previous projects are available on SAWS website at the following link:

http://www.saws.org/business_center/ContractSol/bidtabs.cfm

Q3: Will the Owner/Engineer please provide a copy of the current plan holders list?

Response: The Plan holders list can be found on the Contract Solicitation page on SAWS website at the following link:

https://www.saws.org/business_center/ContractSol/planholderslist.cfm?id=3230

This changes daily as plans and specs are downloaded.

Q4: Will the Owner/Engineer please provide the anticipated NTP date for this project?

Response: See Modifications to the Specification in this Addendum. The estimated notice to proceed (NTP) date for this project is 10/15/18. Potential Bidders shall utilize this date when preparing the construction schedule to be submitted with the Bid proposal.

MODIFICATIONS TO SPECIFICATIONS

INVITATION TO BIDDERS

1. Remove paragraph five (5) from the Invitation to Bidders, Page, IV-1, and replace with the following:

For questions regarding this solicitation, technical questions or additional information, please contact Stella Manzello, Contract Administrator, in writing via email to: Stella.Manzello@saws.org or by fax to (210) 233-4290 until **4:00 PM (CST) on August 23, 2018**. Answers to the questions will be posted to the web site by **10:00 AM (CST) on August 28, 2018** as a separate document or included as part of an addendum. Please be advised that Bidders are prohibited from communicating with any other SAWS staff, the Consultant, the Developer, or City of San Antonio officials regarding this IFB up until the contract is awarded as outlined in the Instructions to Bidders.

2. Remove paragraph six (6) from the Invitation to Bidders, Page, IV-1, and replace with the following:

Sealed bids will be received by Counter Services in the Customer Service office across from the Guard Station, 2800 U.S. Hwy 281 North, Customer Center Building, San Antonio, Texas 78212, until **1:30 PM (CST), September 7, 2018**. Bids will then be publicly opened and read aloud by Contract Administration in CR-145, Customer Center Building, 2800 U.S. Hwy 281 North, San Antonio, Texas. Each bid must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five percent of the total bid price.

3. SPECIAL SPECIFICATION ITEM SP-553, STORM WATER POLLUTION PREVENTION PLAN

Paragraph SP-553.5 PAYMENT. Delete paragraph two (2) of this section, "Payment for Storm Water Pollution Prevention Plan (SWP3) at each Project Site will be proportionate to the following percentages applied against the SWP3 Item Contract Amount: Site 1-10%, Site 2-5%, Site 5-20%, Site 6-30%, Site 7-5%, Site 8-20%, Site 9-10%", eliminating the pro-rate payment definition for the SWP3.

4. SPECIAL SPECIFICATION ITEM SP-851S, REPAIR EXISTING STRUCTURE

Paragraph SP-851S.0 DESCRIPTION. Delete the second sentence of paragraph three (3) reading 'Ring and covers shall be provided with UltraWear-Plus® heat-treated corrosion resistant system, as provided by east Jordan Iron Works (EJIW).' The UltraWear-Plus® heat-treated corrosion resistant system is no longer required.

5. Special Provisions to the Technical Specifications

Replace the **Special Provisions to the Technical Specifications** in its entirety with the attached **Special Provisions to the Technical Specifications**, eliminating the pro-rata payment definition for Mobilization and Preparing Right-of-Way.

MODIFICATIONS TO PLANS FOR CONSTRUCTION
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1. Sheet P-47

- Delete '(w/ ULTRAWEAR PROTECTIVE COATING SYSTEM)' notation on Section A-A.
- Delete 'RING AND COVERS SHALL BE PROTECTED FROM CORROSION WITH "ULTRAWEAR-PLUS HEAT-TREATED SYSTEM, AS PROVIDED BY EJIW. (NSPI)'. from Note 5.

2. Sheet P-48

- Delete '(w/ ULTRAWEAR PROTECTIVE COATING SYSTEM)' notation on Section A-A.
- Delete 'RING AND COVERS SHALL BE PROTECTED FROM CORROSION WITH "ULTRAWEAR-PLUS HEAT-TREATED SYSTEM, AS PROVIDED BY EJIW. (NSPI)'. from Note 3.

3. Sheet P-49

- Delete '(w/ ULTRAWEAR PROTECTIVE COATING SYSTEM)' notation on Section A-A.
- Delete 'RING AND COVERS SHALL BE PROTECTED FROM CORROSION WITH "ULTRAWEAR-PLUS HEAT-TREATED SYSTEM, AS PROVIDED BY EJIW. (NSPI)'. from Note 5.

4. Sheet P-51

Delete 'RING AND COVERS SHALL BE PROTECTED FROM CORROSION WITH "ULTRAWEAR-PLUS HEAT-TREATED SYSTEM, AS PROVIDED BY EJIW. (NSPI)'. from Note 5.

5. Sheet P-55

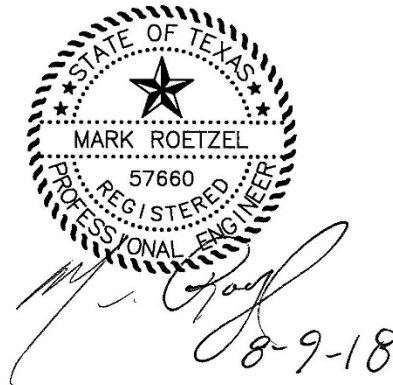
Delete '(w/ ULTRAWEAR PROTECTIVE COATING SYSTEM)' notation on NEW RING & COVER PLACEMENT DETAIL.

This Addendum, including these three (3) pages, is eight (8) pages with attachments in its entirety.

Attachments

Special Provisions to the Technical Specifications

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August 9, 2018

Date

Signature

END OF ADDENDUM

Special Provisions to Technical Specifications

Item 100 – Mobilization

100.1 Description: Add the following paragraph:

Intermediate demobilization and remobilization shall include all Work required for an Owner-directed intermediate Project demobilization of personnel and equipment that occurs after the Contract Notice to Proceed has been given and Work has commenced, and the subsequent remobilization of personnel and equipment to complete the Project. Intermediate demobilization and remobilization shall only be authorized upon a written directive from the Owner. Work shall include furnishing all labor, materials, tools, equipment and incidentals required to demobilize and remobilize for the Multiple Sewershed Package 2A Project, in accordance with the Contract Documents, complete-in-place including bypass pumping, in accordance with Item 864-S1 and/or Item No. 864-S2, during an intermediate demobilization.

100.2 Measurement: Delete Paragraph 100.2 and replace with the following:

1. Measurement of the Item, Mobilization, as specified herein, shall be Lump Sum as the Work progresses, in accordance with the pro-rata distribution defined under Payment below.
2. Measurement of the Item, Intermediate Demobilization and Remobilization, as specified herein, except for Intermediate Demobilization Bypass Pumping Items, shall be by the Each as the Work progresses.
3. Measurement of the Item, Intermediate Demobilization Bypass Pumping Equipment Rental, as specified herein and in Item No. 864-S1 and/or 864-S2 shall be by the Day. For multi-bypass pumping setups at any given Project Site, payment shall be proportional to the overall amount established bid line item.
4. Measurement of the Item, Intermediate Demobilization Bypass Pumping Fuel, as specified herein and in Item No. 864-S1 and/or 864-S2 shall be by the Day. For multi-bypass pumping setups at any given Project Site, payment shall be proportional to the overall amount established bid line item.
5. Measurement of the Item, Intermediate Demobilization Bypass Pumping Watch, as specified herein and in Item No. 864-S1 and/or 864-S2 shall be by the Day. For multi-bypass pumping setups at any given Project Site, payment shall be proportional to the overall amount established bid line item.

100.3 Payment: Add the following paragraphs:

Payment for Intermediate Demobilization and remobilization shall be made only upon prior written authorization from the Owner, and shall be paid for by the Each for any such authorized occurrence of demobilization and remobilization. This Bid item is limited to delays outside of the Contractor's control that are not otherwise provided for in the General Conditions. Examples of these types of delays include *et alia* Owner easement acquisition, permitting issues (only those permits not controlled by the Contractor), or other Owner activities. Any other provisions

contained herein notwithstanding Contractor will not be entitled to compensation under the Bid Item for Work suspended during the 10 cumulative days allowed for by the Contract in the General Conditions, Article IV, Paragraph 4.8 Suspension of Work by Owner.

Payment for Intermediate Demobilization Bypass Pumping Equipment Rental shall only be made if prior authorized in writing by the Owner, shall be made at the Contract Unit Price by the Day, and shall be full compensation for all bypass pumping equipment rental including pumps, suction and discharge hoses, headers, plugs, equipment delivery, setup and removal, hose installation, maintenance and removal, manhole cone removal, pavement removal and restoration, excavation and backfilling, and other ancillary items required for bypass pumping, except fuel and pump watch items, complete in place. Associated payment shall be made under item 864-S1.1 and/or 864-S2.1.

Payment for Intermediate Demobilization Bypass Pumping Fuel shall only be made if prior authorized in writing by the Owner, shall be made at the Contract Unit Price by the Day, and shall be full compensation for all bypass pumping fuel including delivery and other ancillary items required to provide continuous operation of bypass pumping during intermediate demobilization. Associated payment shall be made under item 864-S1.2 and/or 864-S2.2.

Payment for Intermediate Demobilization Bypass Pumping Watch shall only be made if prior authorized in writing by the Owner, shall be made at the Contract Unit Price by the Day, and shall be full compensation for all bypass pumping watch including labor, supervision, and other ancillary items required to provide continuous operation of bypass pumping during intermediate demobilization. Associated payment shall be made under item 864-S1.3 and/or 864-S2.3.

All other language in Specification Item 100 – Mobilization remains in full force.

Item 101 – Preparing Right-Of-Way

101.1 Description: Add the following:

This item shall also include site restoration, clean-up, and establishing turf cover in areas disturbed by the Work (NSPI).

Item 511 – Cutting and Replacing Pavements (Trench Repair)

511.1 Description: Replace with the following:

511.1 Description. Cut pavements, remove base, and replace base material (up to 12-inches thick Ty B and 3-inches thick Ty D) and pavement on trench cuts up to six (6) feet in width above utility trench installations, and extending beyond the trench width up to curb-to-curb width as shown on the Drawings or otherwise directed by CoSA Inspections in the field during construction.

Where pavement removal and replacement extends beyond the utility trench width of up to six (6) feet, subgrade materials shall be compacted to at least 98 percent Standard Proctor Density prior to base and pavement replacement, matching same base (up to 12-inches thick Ty B) and pavement section (up to 3-inches thick Ty D)(NSPI).

Item 530 – Barricades, Signs and Traffic Handling

530.4 Construction: Add the following:

Contractor shall deploy temporary electronic message boards on impacted collector and arterial streets at least seven (7) days prior to the start of construction. Message boards shall comply with TxDOT Special Specification 6834, and the content of the displayed message shall be determined as part of the CoSA ROW Permit process. (NSPI)

Contractor shall also provide at least three (3) days advanced notification to impacted residents and businesses by distributing door hangers. Format and content of door hangers shall be determined as part of the CoSA ROW permit process. No separate payment will be made for temporary electronic message boards, to be considered subsidiary to Item 530.

Item 855 – Reconstruction of Existing Manholes

855.4 – Materials: Add the following under subparagraph 3. Manhole Ring and Cover:

Replacement ring & covers shall be 32-inch opening, water-tight, hinged and locking. New manhole cones, throats and risers required to accommodate new 32-inch ring & covers shall be provided as needed.

Temporary removal and replacement of manholes throats, risers, rings & covers and/or manhole stacks needed for CIPP installation or where shown shall be included under this item, as well as any Work shown or described in Item 855 – Reconstruction of Existing Manholes and required for related adjustment and rehabilitation of manholes and small structures shown. Adjusted manholes shall be tested in accordance with Item 855.6.

Add the following under subparagraph 6. Interior Coating:

The SAWS-approved sewer epoxy coatings shall be modified to not include “Raven 405 Series High Build Epoxy Liner – Required thickness -125 mils.”

Item 857 – Fiberglass Reinforced Pipe for Large Diameter Gravity Sanitary Sewer

857.4 Materials: Following 857.4.2, a. 8) add the following:

All FRP pipe shall be minimum SN-72 pipe stiffness and shall be provided with a minimum internal surface resin thickness of 40 mils to protect underlying glass fibers from exposure to acidic corrosion.

857.6 Testing: Amend 857.6.2, d as following:

The total exfiltration, as determined by a hydrostatic head test, must not exceed 10 gallons per inch of diameter per mile of main per 24 hours, at a minimum of 2 feet above the crown of the main at the upstream manhole.... The remainder of paragraph d remains unchanged.

Item 864-S2 – Bypass Pumping, Large Diameter Sanitary Sewers

864.1 – Description: Add the following:

Contractor's Bypass Pumping Plan shall be based on the wet-weather peak flows shown on the Plans. No in-line flow bypassing will be allowed once the Work has commenced in the active bypass zone, unless otherwise specifically noted on the Plans, including such alternate provisions defined for Site 8 at the I-410 crossing.

The bypass pumping routes shown on the Plans are suggested routing, subject to the Contractor's approved Bypass Pumping Plan. Bypass lines will be routed to avoid disturbance of all trees > 6-inch diameter, as much as practical. Bypass pumping route sites shall be restored following removal of pumps, piping and appurtenances.

Contractor shall secure temporary bypass lines at grade as needed to control movement from internal hydraulic forces or external forces. Temporary bypass lines crossing stream and drainage ways will be secured as needed to resist buoyant uplift and hydro-kinetic forces during rain events. Contractor's Bypass Pumping Plan shall described stream and drainage way anchorage systems and associated engineering design sizing. Bypassing shall be conducted during non-rain event periods to the greatest extent practical.

Temporary bypass lines at stream and drainage way crossing shall be cleaned of debris following each rain event.

Intermediate Demobilization By-Pass Pumping Equipment Rental, Fuel, and Watch shall be as described under Item 100 – Mobilization. Associated payments shall be made under applicable Item 864 Bid Items.

Item 866 – Sewer Main Television Inspection

866.1 Description: Add the following paragraph:

The Contractor shall furnish all labor, materials, equipment, and incidentals to provide the closed-circuit televising. All inspections shall be in accordance with NASSCO PACP requirements and a NASSCO PACP database shall be submitted. All digital video files shall be color, closed-circuit TV in MPEG-1 format. The video shall include an inclinometer, visible on the video being viewed, noting the slope of the main being televised. The contractor shall provide all inspection data of mains and manholes written to a single storage device.

General Clarification: All references to DVD should be replaced with a single data storage device.

866.3 Execution: Add the following paragraph:

The television unit shall also have the capability of displaying in color, on videos, pipe inspection observations such as pipe defects, sags, points of root intrusion, offset joints, service connection locations, and any other relevant physical attributes. Each video shall be permanently labeled at the beginning of the video with the following:

1. Project name / SAWS Job # / Work Order #;
2. Date of television inspection;

3. Manhole UNITIDs (as labeled on plans) and size of sanitary sewer;
4. Street/easement location;
5. Name of Contractor;

Each video shall be submitted with the following information:

1. Project name / SAWS Job # / Work Order #;
2. Date of television inspection;
3. Manhole UNITIDs (as labeled on plans and size of sanitary sewer);
4. Street/easement location;
5. Name of Contractor;
6. Date video submitted;
7. Data storage device number;
8. SAWS Inspector Name.

All other language in this specification 866 remains in full force.

Item 1103 – Point Repairs and Obstruction Removals

1103.4 – Measurement and Payment: Add the following:

4. Measurement and Payment shall be by the Each as shown on the Plans, which may include more than a single obstruction removal in a segment or section of existing pipe defined thereon as one (1) removal for that segment or section, and which may include segments more or less than nine (9) linear feet where shown or required.