



**2018 PIPELINES WATER AND SEWER CONSTRUCTION PACKAGE IV**  
**Solicitation Number: CO-00161**  
**SAWS Job No.: 17-5140 & 17-5620**

**ADDENDUM 1**  
**January 30, 2018**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the proposal and 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 proposal.

**MODIFICATIONS TO SPECIFICATIONS**

1. The bid proposal is being modified to revise the quantities of the material line items. Remove the Bid Proposal in its entirety and replace with the revised version attached. The updated version should be used by Bidders when submitting a response for the project.
2. Replace Special Specification Item 910 Manhole Rehabilitation Specification in its entirety and replace with attached Special Specification Item 910 Manhole Rehabilitation Specification. The following items were updated:
  - a. Approved products under section 910.5.(6)
3. Due to an update in the General Wage Decision for Building Construction Type, remove the building wage decision document from the solicitation in entirety and replace with the revised version attached (rev. 01/12/2018, General Decision Number TX180280). This version should be utilized by the awarded contractor for the project.

**RESPONSES TO QUESTIONS**

1. Package 4- Sterling Street- Why is abandonment of the 8" sanitary sewer line called out to be NSPI? This is normally a standard line item such covered under 862?

*Answer: The 8-inch main is not required to be grouted and abandonment of the main will not be paid for separately.*

2. As well, on Sterling Street; Sheet 4 of 6 details cutting in laterals to an existing 15" HDPE sewer main that is approximately 17LF deep. How will SAWS pay for the cut in Tee Whye?

*Answer: The existing 15-inch sewer main is PVC, not HDPE. Insert-a-tee conforming to ASTM 3034-08 shall not be paid for separately and is inclusive to Item No. 854 Sanitary Sewer Laterals.*

3. In this same area referenced, I do not believe the specification for density compaction may be achieved due to the depth of the lateral with a vertical stack out as well as the narrowness of the ROW in these areas, will SAWS consider adding a line item for Flowable Fill back fill of these laterals to ensure the integrity of the trench repair for future streets?

*Answer: A line item for flowable fill backfill will not be added for backfill of vertical stacks and sewer laterals.*

4. Are there any flow reports available on this line?

*Answer: not at the moment.*

5. Does the Vinyl on the project sign have to be a high intensity vinyl or can it be standard vinyl

*Answer: Please reference SAWS Specification 869*

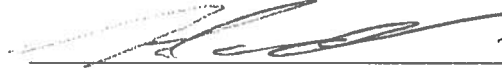
6. The Line Item # 15 – Sanitary Sewer Laterals, has a quantity of 899 LF. The total footage for the two projects which have Sanitary Sewer Laterals is 737 LF. Which quantity is correct?

*Answer: 841 is the correct quantity. Quantities will be updated in the attached Bid Proposal.*

7. Will an Engineered Bypass Plan be required for this project?

*Answer: Bidders shall strictly follow requirements from SAWS Construction Specifications, most recent edition, Standard Specification 864-S1 – Bypass Pumping (Small Diameter Sanitary Sewers) and 864-S2 – Bypass Pumping (Large Diameter Sanitary Sewers).*



 30 Jan 2018

Michael Pieprzica, P.E.  
Unintech Consulting Engineers, Inc. (TBPE F-5499)

#### END OF ADDENDUM 1

This Addendum, including these two (2) pages, is seventeen(17) pages with attachments in its entirety.

Attachments:

Special Specification Item 910 Manhole Rehabilitation Specification (5 Sheets)

General Decision Number TX180280 (7 sheets)

Bid Proposal (3 sheets)

**ITEM 910**  
**MANHOLE REHABILITATION SPECIFICATION**

**910.1 DESCRIPTION**

This item shall govern rehabilitation of manholes complete and in place and the materials used therein, including cleaning, interior surface restoration, priming the prepared surface and coating (including bench and invert of the manhole). It shall also include all required by-pass pumping necessary to complete the work.

**910.2 CERTIFICATION**

Manufacturer shall certify that Applicator has been trained and approved in the handling, mixing and application of the products to be used. Equipment to be used for applying the products by the Applicator shall be certified and approved by the Manufacturer. At least five (5) recent references of Applicator indicating successful application of proposed liner on project of similar size and scope shall be submitted by Contractor. *Only manhole rehabilitation products approved by the SAWS Standards Committee shall be used. All contractors doing this work must have a minimum of 15,000 vertical feet installed within the State of Texas.*

The Contractor shall submit descriptive information including technical data sheets and ASTM test results on each product proposed indicating that the product conforms to and it is suitable for its intended use per these specifications. *All required submittals must be satisfactory to SAWS.*

**910.3 SURFACE PREPARATION**

Proper surface preparation procedures must be followed to ensure adequate bond strength to any surface to be coated. Applicator shall inspect all surfaces specified to receive a liner prior to surface preparation. Applicator shall notify Owner of any noticeable disparity in the surfaces which may interfere with the proper preparation or application of the repair mortar and/or liner(s). Concrete that is not sound or has been damaged by chemical exposure shall be removed to a sound, concrete surface. All contaminants including: all oils, grease, incompatible existing coatings, waxes, form release, curing compounds, efflorescence, sealers, salts, or other contaminants shall be removed. Surface preparation methods(s) should be based upon the conditions of the substrate and the requirements of the liner to be applied.

Surface to receive liner shall be cleaned and abraded to produce a sound concrete surface with adequate profile and porosity to provide a strong bond between the protective coating and substrate. High pressure cleaning with a minimum of 4,000 psi, and 4 gallons per minute using a rotating pencil nozzle, shall be used to clean and free all foreign material within the manhole. Detergent water and cleaning or muratic acid shall be used when grease and oil are present. All materials resulting from the cleaning of the manhole shall be removed prior to application of coating.

Active water infiltration shall be stopped by using a cementitious water plug or hydroactive grout such as Strong-Seal Strong-Plug, Quadex Hydra-Plug or approved equal, which is compatible with the specified coating. Prepared surfaces should be tested after cleaning but prior to application of the coating, if a specific pH or moisture content of the concrete is required according to manufacturer's recommendations.

#### **910.4 PRODUCT HANDLING**

Protective-coating materials are to be handled according to their material safety data sheets. Materials are to be kept dry, protected from weather and stored under cover.

*Repair/under-coat materials must be accepted and approved by the protective coating manufacturer* for compatibility with the specified liner and shall be used to fill voids, structurally reinforce and/or rebuild surfaces, etc. as determined necessary by the engineer and liner applicator.

#### **910.5 MATERIALS AND COMPONENTS**

- (1) Concrete: Concrete shall conform to City of San Antonio (CoSA) Standard Specifications for Public Works Constructed dated October 1995. Item 300-Concrete (concrete class "A").
- (2) Mortar shall be composed of one part Portland Cement, one part masonry cement (or ¼ part hydrated lime) and masonry sand equal to 2-1/2 to 3 times the sum of the volumes of the cements and lime used.
- (3) Unless otherwise specified, all grouting shall be done with non-shrinking grout. Non-shrinking Grout: Non-shrinking grout shall be furnished factory premixed so only water is added at the job site. Grout shall be mixed in a mechanical mixer. No more water shall be used than is necessary to produce a flowable grout. All proportioning and mixing of the components shall be in accordance with manufacturer's recommendations.
- (4) Reinforcement: Reinforcing steel shall conform to the requirements of COSA Item 301- Reinforcing Steel.
- (5) Brick: Replacement brick for ring adjustment courses shall be of first quality, sound, kiln fired, new unbroken brick.
- (6) For rehabilitation of existing manholes, apply a combination of cementitious coating and epoxy coating, with the cementitious coating first, followed by the epoxy coating. Lafarge SewperCoat PG applied at the required one inch thick application, are the only product approved which do not require a subsequent epoxy coating. Other approved materials are as follows:

Cementitious coating: With required one inch thick application.

- Permaform CR-5000
- Strong - Seal MS-2C

- Standard Cement Material Inc. Reliner
- Quadex Aluminaliner
- ConShield Biotech Armor

Epoxy coating: With specified thickness application.

- Raven 405 Series High Build Epoxy Liner: Required thickness 125 mils
- Carboline Plasite 4500: Required Thickness – 125 mils

#### **910.6 LINER APPLICATION**

Application procedures shall conform to the recommendations of the liner manufacturer, including material handling, mixing, environmental controls during application, safety, and equipment. The liner application equipment shall be specifically designed to accurately apply the specified liner materials and shall be regularly maintained and proper working order. The liner material must be applied by a Certified Applicator of the liner manufacturer. The liner shall be applied to minimum thickness or as specified by the Engineer according to the Owner's requirements and manufacturer's recommendations. Temperature of the surface to be coated shall be maintained between 40 deg F and 120 deg F during application. Prior to and during application, care should be taken to avoid exposure of direct sunlight or other intense heat source to the structure being coated. Where varying surface temperatures do exist, care should be taken to apply the liner when the temperature is falling versus rising (later afternoon into evening versus early morning into afternoon).

#### **910.7 MEASUREMENT**

Manhole Rehabilitation shall be measured by vertical feet of manhole depth. Sewer Structure Rehabilitation (Noncircular Manholes, and Manholes Greater than 4 ft. in Diameter) shall be measured by the square feet of area to be rehabilitated.

The bench area of the manhole or manhole structure is considered to be subsidiary to the measurement of the rehabilitated manhole or manhole structure, and, shall be rehabilitated as necessary.

#### **910.8 TESTING**

Contractor shall perform testing for manhole rehabilitation in accordance with the following:

##### A. Leakage Testing:

All rehabilitated manholes must pass a leakage test prior to coating. The contractor shall test each manhole (after assembly and backfilling) for leakage, separate and independent of all other sanitary sewer piping, by means of hydrostatic testing, vacuum testing, or other methods approved by the Engineer.

1. Hydrostatic Testing: Hydrostatic testing shall be conducted by utilizing approved plugs to seal all influent and effluent pipes in the manhole and filling the manhole to the top of the cone with water. Additional water may be added over a 24 hour period to compensate for absorption and evaporation losses. At the conclusion of the 24

hour saturation period, the manhole shall be filled to the top of the cone and observed for one hour. A loss greater than 0.025 gallons per foot diameter per foot of manhole depth per hour shall be considered an unsuccessful test. If the test is unsuccessful, the Contractor shall then assess the needed repairs, perform such repairs (subject to the approval of the Engineer), and notify the Inspector when the retest can be performed.

All effort, materials, retesting or other costs shall be solely at the Contractor's expense.

2. Vacuum Testing:

- a. General: Manholes shall be tested after construction/installation and backfilling with all connections (existing and/or proposed) in place. Lift holes and any other voids shall be plugged with an approved non-shrink grout prior to testing. Drop-connections and gas sealing connections shall be installed prior to testing.
- b. Test Procedure: The lines entering the manhole shall be temporarily plugged with the plugs braced to prevent them from being drawn into the manhole. The plugs shall be installed in the lines beyond drop connections, gas sealing connections, etc. Contractor shall use a minimum 60 inch/lb torque wrench to tighten the external clamps that secure the test cover to the top of the manhole. The test head shall be inflated in accordance with the manufacturer's recommendations. A vacuum of 10 inches of mercury shall be drawn, and the vacuum pump will be turned off. With the valve closed, the level vacuum shall be read after the required test time. If the drop in the level is less than 1 inch of mercury (final vacuum greater than 9 inches of mercury), the manhole will have passed the vacuum test. The required test time is 2 minutes.
- c. Acceptance: Manholes will be accepted with relation to vacuum test requirements, if they meet the criteria above. Any manhole which fails the initial test must be repaired with a non-shrink grout or other suitable material that is compatible with the material of which the manhole is constructed. The manhole shall be retested as described above until a successful test is attained. After a successful test, the temporary plugs will be removed. To insure that the plugs have been removed, Contractor shall do so in the presence of the Inspector.
- d. Repairs to Existing Manholes: Any existing manhole which fails to pass the vacuum test shall be closely examined by the Inspector and the Contractor to determine if the manhole can be repaired. Thereafter, the Contractor shall either repair or remove and replace the manhole as directed. The manhole shall then be retested and coated with a SAWS-approved sewer structural coating as stated above. The Owner may elect to simply remove and replace the existing manhole with a new one. Any manhole excavated for repairs or excavated for tie in shall be backfilled with flowable fill up to 1 foot below the top of the cone. The Contractor also has the option of backfilling with approved secondary

materials, subject to the provisions of Item No. 804, "Excavation, Trenching and Backfill."

**B. Holiday Testing:**

Inspect each manhole that is rehabilitated using high-voltage holiday detection equipment. All detected holidays shall be marked and repaired by abrading the coating surface with grit disk paper or other hand tooling method. After abrading and cleaning, additional protective coating material shall be applied to the repair area. All touch-up repair procedures shall follow the protective coating manufacturer's recommendations.

If a manhole fails to pass one of the above tests, it shall be repaired in accordance with the manufacturer's recommendation and re-tested. It shall not be accepted until it passes all tests. All repairs and re-testing shall be at no additional cost to SAWS.

For manholes located within the Edwards Aquifer Recharge Zone (EARZ), under no circumstances shall flows be released in the system until all testing has been approved by SAWS.

**910.9 WARRANTY**

Contractor shall warrant all work against defects in materials and workmanship for a period of two (2) years, unless otherwise noted, from the date of final acceptance of the projects. Applicator shall, within a reasonable time after receipt of written notice thereof, repair defects in material or workmanship which may develop during said two (2) year period, and any damage to other work caused by such defects or the repairing of same, at their own expense and without cost to the Owner.

**910.10 PAYMENT**

This item shall be paid for by square foot at the unit price bid or by the vertical foot of depth for the unit price bid for "Manhole Rehabilitation." Payment shall be full compensation for materials, labor, equipment, tools, testing, and any incidentals necessary to complete the work including the bench, invert, and all interior surfaces of the manhole. Payment will be made under the following:

Pay Item (910.1): Manhole Rehabilitation (Standard Manholes 4 ft diameter) per Vertical Feet.

Pay Item (910.2): Sewer Structure Rehabilitation (Noncircular Manholes, and Manholes Greater than 4 ft. in Diameter) – per Square Feet.

General Decision Number: TX180280 01/12/2018 TX280

Superseded General Decision Number: TX20170280

State: Texas

Construction Type: Building

County: Bexar County in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

| Modification Number | Publication Date |
|---------------------|------------------|
| 0                   | 01/05/2018       |
| 1                   | 01/12/2018       |

ASBE0087-014 01/01/2017

|  | Rates    | Fringes |
|--|----------|---------|
| ASBESTOS WORKER/HEAT & FROST INSULATOR (Duct, Pipe and Mechanical System Insulation).... | \$ 22.22 | 10.02   |

BOIL0074-003 01/01/2017

|                  | Rates    | Fringes |
|------------------|----------|---------|
| BOILERMAKER..... | \$ 28.00 | 22.35   |

ELEC0060-003 06/01/2016

|  | Rates    | Fringes |
|--|----------|---------|
| ELECTRICIAN (Communication Technician Only)..... | \$ 21.57 | 9%+4.65 |



ELEC0060-004 06/01/2017

|  | Rates    | Fringes  |
|--|----------|----------|
| ELECTRICIAN (Excludes Low Voltage Wiring)..... | \$ 27.90 | 16%+4.85 |

\* ELEV0081-001 01/01/2018

|                        | Rates    | Fringes    |
|------------------------|----------|------------|
| ELEVATOR MECHANIC..... | \$ 39.32 | 32.645+a+b |

FOOTNOTES:

A. 6% under 5 years based on regular hourly rate for all hours worked. 8% over 5 years based on regular hourly rate for all hours worked.

B. Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day; and Veterans Day.

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ENGI0450-002 04/01/2014

|   | Rates    | Fringes |
|---|----------|---------|
| POWER EQUIPMENT OPERATOR<br>Cranes..... | \$ 34.85 | 9.85    |

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IRON0066-013 06/01/2017

|                             | Rates    | Fringes |
|-----------------------------|----------|---------|
| IRONWORKER, STRUCTURAL..... | \$ 21.55 | 6.73    |

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IRON0084-011 06/01/2017

|                             | Rates    | Fringes |
|-----------------------------|----------|---------|
| IRONWORKER, ORNAMENTAL..... | \$ 23.27 | 7.12    |

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PLUM0142-009 07/01/2017

|  | Rates    | Fringes |
|--|----------|---------|
| HVAC MECHANIC (HVAC Electrical Temperature Control Installation Only)..... | \$ 30.25 | 11.80   |
| HVAC MECHANIC (HVAC Unit Installation Only).....                           | \$ 30.25 | 11.80   |
| PIPEFITTER (Including HVAC Pipe Installation).....                         | \$ 30.25 | 11.80   |
| PLUMBER (Excludes HVAC Pipe Installation).....                             | \$ 30.25 | 11.80   |

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SFTX0669-002 04/01/2017

|   | Rates    | Fringes |
|---|----------|---------|
| SPRINKLER FITTER (Fire Sprinklers)..... | \$ 29.03 | 15.84   |

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 SHEE0067-004 04/01/2017

|   | Rates    | Fringes |
|---|----------|---------|
| Sheet metal worker<br>Excludes HVAC Duct<br>Installation..... | \$ 26.10 | 15.25   |
| HVAC Duct Installation Only.                                  | \$ 26.10 | 15.25   |

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 SUTX2014-006 07/21/2014

|   | Rates    | Fringes |
|---|----------|---------|
| BRICKLAYER.....   | \$ 22.15 | 0.00    |
| CARPENTER (Acoustical Ceiling<br>Installation Only).....  | \$ 17.83 | 0.00    |
| CARPENTER (Form Work Only).....   | \$ 13.63 | 0.00    |
| CARPENTER, Excludes<br>Acoustical Ceiling<br>Installation, Drywall<br>Hanging, Form Work, and Metal<br>Stud Installation..... | \$ 16.86 | 4.17    |
| CAULKER.....  | \$ 15.00 | 0.00    |
| CEMENT MASON/CONCRETE FINISHER...   | \$ 22.27 | 5.30    |
| DRYWALL FINISHER/TAPER.....   | \$ 13.81 | 0.00    |
| DRYWALL HANGER AND METAL STUD<br>INSTALLER.....   | \$ 15.18 | 0.00    |
| ELECTRICIAN (Low Voltage<br>Wiring Only).....   | \$ 20.39 | 3.04    |
| IRONWORKER, REINFORCING.....  | \$ 12.27 | 0.00    |
| LABORER: Common or General.....   | \$ 10.75 | 0.00    |
| LABORER: Mason Tender - Brick...  | \$ 11.88 | 0.00    |
| LABORER: Mason Tender -<br>Cement/Concrete.....   | \$ 12.00 | 0.00    |
| LABORER: Pipelayer.....   | \$ 11.00 | 0.00    |
| LABORER: Roof Tearoff.....  | \$ 11.28 | 0.00    |

|   |          |      |
|---|----------|------|
| LABORER: Landscape and<br>Irrigation.....                                       | \$ 8.00  | 0.00 |
| OPERATOR:   |          |      |
| Backhoe/Excavator/Trackhoe.....   | \$ 15.98 | 0.00 |
| OPERATOR: Bobcat/Skid   |          |      |
| Steer/Skid Loader.....  | \$ 14.00 | 0.00 |
| OPERATOR: Bulldozer.....  | \$ 14.00 | 0.00 |
| OPERATOR: Drill.....  | \$ 14.50 | 0.00 |
| OPERATOR: Forklift.....   | \$ 12.50 | 0.00 |
| OPERATOR: Grader/Blade.....   | \$ 23.00 | 5.07 |
| OPERATOR: Loader.....   | \$ 12.79 | 0.00 |
| OPERATOR: Mechanic.....   | \$ 18.75 | 5.12 |
| OPERATOR: Paver (Asphalt,<br>Aggregate, and Concrete).....                      |          |      |
|   | \$ 16.03 | 0.00 |
| OPERATOR: Roller.....   | \$ 12.00 | 0.00 |
| PAINTER (Brush, Roller and<br>Spray), Excludes Drywall<br>Finishing/Taping..... |          |      |
|   | \$ 13.07 | 0.00 |
| ROOFER.....   | \$ 12.00 | 0.00 |
| TILE FINISHER.....  | \$ 11.32 | 0.00 |
| TILE SETTER.....  | \$ 14.94 | 0.00 |
| TRUCK DRIVER: Dump Truck.....   | \$ 12.39 | 1.18 |
| TRUCK DRIVER: Flatbed Truck.....  | \$ 19.65 | 8.57 |
| TRUCK DRIVER: Semi-Trailer<br>Truck.....  |          |      |
|   | \$ 12.50 | 0.00 |
| TRUCK DRIVER: Water Truck.....  | \$ 12.00 | 4.11 |

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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave  
for Federal Contractors applies to all contracts subject to the  
Davis-Bacon Act for which the contract is awarded (and any  
solicitation was issued) on or after January 1, 2017. If this  
contract is covered by the EO, the contractor must provide  
employees with 1 hour of paid sick leave for every 30 hours

they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all

rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

BID PROPOSAL

PROPOSAL OF \_\_\_\_\_, a corporation

a partnership consisting of

\_\_\_\_\_

an individual doing business as

\_\_\_\_\_

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices to wit:

**(PLEASE SEE ATTACHED PDF LIST OF BID ITEMS)**

Mobilization and Prep of ROW shall be inclusive of line items listed on the attached list.

TOTAL BID PRICE \$ \_\_\_\_\_

\_\_\_\_\_  
BIDDER'S SIGNATURE & TITLE

\_\_\_\_\_  
FIRM'S NAME (TYPE OR PRINT)

\_\_\_\_\_  
FIRM'S ADDRESS

\_\_\_\_\_  
FIRM'S PHONE NO. /FAX NO.

\_\_\_\_\_  
FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following:  
Addendum Nos. \_\_\_\_\_

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

**BID**

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **270** calendar days after the start date, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Bid Proposal which are included on the following pages.

SAWS  
2018 Pipelines Water and Sewer Construction Contract Pkg IV  
SAWS JOB No. 17-5140

| Item No.                     | Spec. No. | Description   | Unit | Quantity | Unit Price | Total Price |
|------------------------------|-----------|---|------|----------|------------|-------------|
| 1                            | 103.1     | REMOVE CONCRETE CURB                                  | LF   | 10       |            |             |
| 2                            | 103.3     | REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS               | SF   | 901      |            |             |
| 3                            | 205.2     | HMAC TYPE B (12" COMPACTED DEPTH)                     | SY   | 946      |            |             |
| 4                            | 205.2     | HMAC TYPE B (10" COMPACTED DEPTH)                     | SY   | 507      |            |             |
| 5                            | 205.4     | HMAC TYPE D (2" COMPACTED DEPTH)                      | SY   | 634      |            |             |
| 6                            | 413       | FLOWABLE FILL   | CY   | 16.0     |            |             |
| 7                            | 500       | CONCRETE CURB AND GUTTER                              | LF   | 10       |            |             |
| 8                            | 502.1     | CONCRETE SIDEWALKS & WHEELCHAIR RAMPS                 | SY   | 102      |            |             |
| 9                            | 530.1     | BARRICADES, SIGNS AND TRAFFIC HANDLING (Point West)   | EA   | 0.5      |            |             |
| 10                           | 530.1     | BARRICADES, SIGNS AND TRAFFIC HANDLING (Silver Arrow) | EA   | 0.5      |            |             |
| 11                           | 530.1     | BARRICADES, SIGNS AND TRAFFIC HANDLING (Sterling)     | EA   | 0.5      |            |             |
| 12                           | 550       | TRENCH EXCAVATION SAFETY PROTECTION                   | LF   | 3364     |            |             |
| 13                           | 818       | 6" PVC WATERLINE                                      | LF   | 20       |            |             |
| 14                           | 818       | 8" PVC WATERLINE                                      | LF   | 2977     |            |             |
| 15                           | 818       | 12" PVC WATERLINE                                     | LF   | 320      |            |             |
| 16                           | 824       | RELAY 3/4" SHORT SERVICE                              | EA   | 40       |            |             |
| 17                           | 824       | RELAY 3/4" LONG SERVICE                               | EA   | 51       |            |             |
| 18                           | 824       | RELAY 1" SHORT SERVICE                                | LF   | 1        |            |             |
| 19                           | 828       | 8" GATE VALVES  | EA   | 7        |            |             |
| 20                           | 828       | 12" GATE VALVES                                       | EA   | 3        |            |             |
| 21                           | 832       | 16" X 8" TAPPING SLEEVE AND VALVE                     | EA   | 1        |            |             |
| 22                           | 833       | METER BOX (NON-STANDARD METER BOX)                    | EA   | 91       |            |             |
| 23                           | 833       | #2 METER BOX  | EA   | 1        |            |             |
| 24                           | 834.1     | FIRE HYDRANT  | EA   | 6        |            |             |
| 25                           | 836       | PIPE FITTINGS, ALL SIZES AND TYPES                    | TON  | 2.2      |            |             |
| 26                           | 840       | 6" WATER TIE-INS                                      | EA   | 4        |            |             |
| 27                           | 840       | 8" WATER TIE-INS                                      | EA   | 1        |            |             |
| 28                           | 840       | 12" WATER TIE-INS                                     | EA   | 2        |            |             |
| 29                           | 841       | HYDROSTATIC TESTING                                   | EA   | 6        |            |             |
| 30                           | 844       | 2" BLOWOFF, PERMANENT                                 | EA   | 1        |            |             |
| 31                           | 844       | 2" BLOWOFF, TEMPORARY                                 | EA   | 8        |            |             |
| <b>TOTAL WATER BID PRICE</b> |           |   |      |          |            |             |



**SAWS**  
**2018 Pipelines Water and Sewer Construction Contract Pkg IV**  
**SAWS JOB No. 17-5620**

| Item No.                     | Spec. No. | Description  | Unit | Quantity | Unit Price | Total Price |
|------------------------------|-----------|--|------|----------|------------|-------------|
| 1                            | 103.3     | REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS                        | SF   | 25       |            |             |
| 2                            | 205.2     | HMAC TYPE B (12" COMPACTED DEPTH)                              | SY   | 287      |            |             |
| 3                            | 205.2     | HMAC TYPE B (10" COMPACTED DEPTH)                              | SY   | 124      |            |             |
| 4                            | 205.4     | HMAC TYPE "D" (2" COMP. DEPTH)                                 | SY   | 155      |            |             |
| 5                            | 413       | FLOWABLE FILL  | CY   | 18       |            |             |
| 6                            | 502.1     | CONCRETE SIDEWALKS   | SY   | 3        |            |             |
| 7                            | 530.1     | BARRICADES, SIGNS AND TRAFFIC HANDLING (Point West)            | EA   | 0.5      |            |             |
| 8                            | 530.1     | BARRICADES, SIGNS AND TRAFFIC HANDLING (Silver Arrow)          | EA   | 0.5      |            |             |
| 9                            | 530.1     | BARRICADES, SIGNS AND TRAFFIC HANDLING (Sterling)              | EA   | 0.5      |            |             |
| 10                           | 550       | TRENCH EXCAVATION SAFETY PROTECTION                            | LF   | 874      |            |             |
| 11                           | 848       | 8" PVC SANITARY SEWER LINE. (0'-6')                            | LF   | 874      |            |             |
| 12                           | 851       | ADJUST EXISTING MANHOLE (WATERTIGHT RING AND COVER)            | EA   | 4        |            |             |
| 13                           | 852       | SANITARY SEWER MANHOLE (0'-6')                                 | EA   | 2        |            |             |
| 14                           | 852       | EXTRA DEPTH MANHOLES (GREATER THAN 6')                         | VF   | 3        |            |             |
| 15                           | 854       | SANITARY SEWER LATERALS  | LF   | 841      |            |             |
| 16                           | 854.1     | TWO-WAY SANITARY SEWER CLEAN-OUT                               | EA   | 37       |            |             |
| 17                           | 855       | RECONSTRUCTION OF EXISTING MANHOLE                             | EA   | 2        |            |             |
| 18                           | 860       | VERTICAL STACKS  | VF   | 304      |            |             |
| 19                           | 862       | ABANDONMENT OF SANTIARY SEWER MANHOLES                         | EA   | 2        |            |             |
| 20                           | 864-S1    | BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) (Point West)   | LS   | 1        |            |             |
| 21                           | 864-S1    | BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) (Silver Arrow) | LS   | 1        |            |             |
| 22                           | 864-S1    | BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) (Sterling)     | LS   | 1        |            |             |
| 23                           | 866       | SEWER MAIN PRE-TELEVISION (8"-15")                             | LF   | 1676     |            |             |
| 24                           | 866       | SEWER MAIN TELEVISION INSPECTION (8" - 15")                    | LF   | 1676     |            |             |
| <b>TOTAL SEWER BID PRICE</b> |           |  |      |          |            |             |