



**SAN ANTONIO WATER SYSTEM
2017 CIPP Small and Large Diameter Sanitary Sewer Construction Contract**

**SAWS JOB NUMBER 17-4520
SOLICITATION NO. CO-00116**

**ADDENDUM NO. 1
February 23, 2017**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bidding documents 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 in the space provide in submitted copies of the proposal.

Clarifications:

1. The bid proposal is being replaced to renumber and add line items that were previously missing. The revised bid proposal is attached to this Addendum.

Questions and Answers:

1. Question: I'm contacting you in reference to the Sanitary Sewer Construction project and I was trying to determine the range of sizes of the storm drains being installed in the project?

Answer: There are no storm drainage improvements identified in this contract.

2. Question: Are there any plans for this project?

Answer: No, this is an Unspecified Contract.

3. Question: I wanted to reach out to you to request review and inclusion of the Standard 4553 epoxy coating for use on the Manhole Rehab in this contract as well

Answer: This product is not being added to this project. Such inclusions of substitute items require review and approval of the SAWS Product Standards Committee and these approvals are/can be for specific projects.

Further information regarding product submittals to the Product Standards Committee can be found at the following location:

http://www.saws.org/business_center/specs/product_submittal/

4. Question: There are a couple of skips in the bid item number sequence where the bid item numbers skip from 52 to 59 to 65. Are there existing bid items 53-58 and 60-64 that we cannot currently see due to formatting? Or is this just a bid item misnumbering error?

Answer: The bid proposal is being replaced to renumber the line items as there were previously missing. The revised bid proposal is attached to this Addendum.

5. Question: Does bid item 79 for manhole rehabilitation include replacing the manhole rings, covers, and concrete encasement? On defined scope contracts, this work is typically incidental to the manhole rehab, but on an undefined scope bid, where the manhole rehab is paid per VF, the number of manholes cannot be anticipated at the time of bid, so any per EA manhole type costs need to be paid under separate pay items that are applied on a per EA manhole basis.

Answer: Please refer to Special Specification SS910 –This item shall govern Manhole Rehabilitation, complete and in place and materials used therein including, replacing manhole rings, cover, concrete encasement, etc. Manhole rehabilitation (standard manholes 4-ft in Diameter) will be paid under pay item 910.1 per Vertical Feet.

6. Question: There is a manhole rehabilitation bid item, but no structure rehab bid item. From our understanding, the manhole rehab bid item only applies to rehab of 4-foot diameter manholes, and that rehab of any larger diameter manholes would be covered under a structure rehab bid item. Given that the pipe diameters included on this project go up to 36” diameter, and SAWS typically has larger than 4-foot diameter manholes on pipe diameters 24” and above, it seems likely that manholes larger than 4-foot diameter may need to be rehabilitated at some point on this project. Should there also be a structure rehabilitation bid item in addition to the manhole rehab bid item?

Answer: Sewer Structure Rehabilitation is covered under Special Specification SS910 – Manhole Rehabilitation. Sewer Structure Rehabilitation (Non circular manholes, and manholes greater than 4-ft in Diameter) will be paid under pay item 910.2 per square feet.

7. Question: When trenching and alteration of manholes is necessary for bypass, how will these costs be paid? They are typically incidental to the bypass items, but on an undefined scope bid, they cannot be anticipated at the time of bid, so they need to be paid under separate pay items as they occur (i.e. per LF of shallow bypass trenching and per EA MH altered).

Answer: All work orders that will be issued under this contract are unspecified at the time of bidding, any trenching and alteration of manholes needed due to construction operations, shall be restore to equal or better condition by the contractor at n.s.p.i.

8. Question: Bypass items 52 and 59 ask the contractor to provide and be paid for bypass on a per each basis, but do not account for any of the variables that bypass operations can experience once a project location is known and defined, such as duration, length of bypass setup, excavation support work required, etc. These tasks are typically incidental to the bypass items, but on an undefined scope bid, they cannot be anticipated at the time of bid, so they need to be paid under separate pay items as they occur.

Answer: No additional pay items will be added as part of Bypass line items. All work orders that will be issued under this contract are unspecified at the time of bidding, all quantities are estimated in the proposal, and it is the intent of the proposal and quantities to establish a fixed unit price for various line items to be paid to the Contractor by SAWS during the term of this contract.

9. Question: There are no bid items for performing manhole installation, alteration, reconstruction, or replacement, even though specifications covering this type of work are included in the documents. Should there be items in the bid for this type of manhole work?
Answer: Line items for Sanitary Sewer Manholes, Adjusting Existing Manholes and Reconstruction of Existing Manholes, have been added as pay items. See the revised bid proposal that is attached to this Addendum.
10. Question: There is currently no mobilization bid item. We request that a mobilization bid item be added that would be applied and paid for on a per EA basis as part of each work order issued.
Answer: There will be no measurement or payment for mobilization, preparation of right-of-way; insurance; bonding; barricades, signs and traffic handling; and permitting costs on this contract. All cost in connection shall be included in the applicable contract price based on the unit price for the items to which the work pertains.
11. Question: For this contract, which permits will SAWS obtain, and which permits will the Contractor be responsible for?
Answer: SAWS will obtain TX-DOT ROW permits and UPRR permits. The contractor will be required to obtain any CoSA ROW permits required.
12. Question: For bid item 31 regarding traffic control, please clarify what type of traffic control setup(s) could be expected for each work order and for what duration it would need to be maintained.
Answer: Traffic Control setup(s) can be expected to be similar to those required by TX-DOT ROW. Further information can be found at the following location: www.txdot.gov

The duration of each work order has not been determined at this time.
13. Question: For bid item 110 regarding portable changeable message signs paid per EA, will it be paid per EA sign, or per EA work order? Also, for what duration would they need to be maintained for each item of payment?
Answer: Portable changeable message signs will be paid per EA - sign. The Construction Time (Calendar Days) for each individual project site (work order) has not been determined.
14. Question: Is bid item 51 for the SWPPP paid per work order? Also, is it just for providing the plan itself, or does it also cover all implementation of the SWPPP?
Answer: The measure of payment for SWPPP will be per work order. The contractor should be able to provide and implement their proposed plan.

15. Question: Although it is not included on the Contractor's Bid Packet Checklist (page BC), section SC-2.1.I on page SC-2 requires the bidder to submit with their bid a list of available crews (personnel & equipment) that demonstrates the bidder's ability to perform the work that is issued, and to start multiple work orders simultaneously. Please confirm that this list of available crews that is to be submitted with the bid is only for the crews of the prime contractor itself, and not of any subcontractors, and that if lists of subcontractor resources are required, they would be provided under the contract at a later date.

Answer: This list of available crews is a requirement for the prime contractor. However, if the prime contractor plans on using subcontractors, he or she shall provide a list of those crews.

Changes to the Specifications

1. Insert the Wage Decision attached to this Addendum between the Conflict of Interest (Form CIQ) and Asbestos Workers Memo (AAWR-1).
2. Remove and replace the Bid Proposal with the attached.
3. Item No. 864-S1 Bypass Pumping Small Diameter Sanitary Sewers Special Specification

and

Item No. 864-S2 Bypass Pumping Large Diameter Sanitary Sewers Special Specification

Add the following to Section 864.5-Construction:

The use of a secondary containment liner for pumps and fuel storage for bypass pumping operations within environmentally sensitive areas (EARZ locations) is required. Liner shall be of polypropylene composite and consist of three barrier films sandwiched by double layers of needle punched geotextile with heat-fuse surfaces. The liner shall be a minimum of 100 mil thick. The intent of the liner is to absorb leaks, drips and spills, on contact and barrier film shall keep all spills from reaching the ground. There shall be no separate payment for this liner and it shall be considered inclusive to other bid items on this contract.

END OF ADDENDUM 1

This Addendum, is thirteen (13) pages in its entirety, including attachments.

Attachments: Wage Decision – four (4) pages.
Bid Proposal – five (5) pages.



General Decision Number: TX170016 01/06/2017 TX16

Superseded General Decision Number: TX20160016

State: Texas

Construction Types: Heavy and Highway

Counties: Atascosa, Bandera, Bastrop, Bell, Bexar, Brazos, Burleson, Caldwell, Comal, Coryell, Guadalupe, Hays, Kendall, Lampasas, McLennan, Medina, Robertson, Travis, Williamson and Wilson Counties in Texas.

HEAVY (excluding tunnels and dams, not to be used for work on Sewage or Water Treatment Plants or Lift / Pump Stations in Bell, Coryell, McClellon and Williamson Counties) and HIGHWAY Construction Projects

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 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 \$10.20 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 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number 0 Publication Date 01/06/2017

* SUTX2011-006 08/03/2011

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER (Paving and Structures).....	\$ 12.56	
ELECTRICIAN.....	\$ 26.35	
FORM BUILDER/FORM SETTER		
Paving & Curb.....	\$ 12.94	
Structures.....	\$ 12.87	
LABORER		
Asphalt Raker.....	\$ 12.12	
Flagger.....	\$ 9.45	
Laborer, Common.....	\$ 10.50	
Laborer, Utility.....	\$ 12.27	
Pipelayer.....	\$ 12.79	
Work Zone Barricade Servicer.....	\$ 11.85	
PAINTER (Structures).....	\$ 18.34	
POWER EQUIPMENT OPERATOR:		
Agricultural Tractor.....	\$ 12.69	
Asphalt Distributor.....	\$ 15.55	
Asphalt Paving Machine.....	\$ 14.36	
Boom Truck.....	\$ 18.36	
Broom or Sweeper.....	\$ 11.04	
Concrete Pavement Finishing Machine.....	\$ 15.48	
Crane, Hydraulic 80 tons or less.....	\$ 18.36	
Crane, Lattice Boom 80 tons or less.....	\$ 15.87	
Crane, Lattice Boom over 80 tons.....	\$ 19.38	
Crawler Tractor.....	\$ 15.67	
Directional Drilling Locator.....	\$ 11.67	
Directional Drilling		

Operator.....	\$ 17.24
Excavator 50,000 lbs or	
Less.....	\$ 12.88
Excavator over 50,000 lbs...	\$ 17.71
Foundation Drill, Truck	
Mounted.....	\$ 16.93
Front End Loader, 3 CY or	
Less.....	\$ 13.04
Front End Loader, Over 3 CY.	\$ 13.21
Loader/Backhoe.....	\$ 14.12
Mechanic.....	\$ 17.10
Milling Machine.....	\$ 14.18
Motor Grader, Fine Grade....	\$ 18.51
Motor Grader, Rough.....	\$ 14.63
Pavement Marking Machine....	\$ 19.17
Reclaimer/Pulverizer.....	\$ 12.88
Roller, Asphalt.....	\$ 12.78
Roller, Other.....	\$ 10.50
Scraper.....	\$ 12.27
Spreader Box.....	\$ 14.04
Trenching Machine, Heavy....	\$ 18.48
Servicer.....	\$ 14.51
Steel Worker	
Reinforcing.....	\$ 14.00
Structural.....	\$ 19.29
TRAFFIC SIGNAL INSTALLER	
Traffic Signal/Light Pole	
Worker.....	\$ 16.00
TRUCK DRIVER	
Lowboy-Float.....	\$ 15.66
Off Road Hauler.....	\$ 11.88
Single Axle.....	\$ 11.79
Single or Tandem Axle Dump	
Truck.....	\$ 11.68
Tandem Axle Tractor w/Semi	
Trailer.....	\$ 12.81
WELDER.....	\$ 15.97

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.

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)).

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.

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

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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)

TOTAL BID PRICE \$ _____

Mobilization and Prep of ROW shall be limited to the maximum percentage shown. **If the percentage exceeds the allowable maximum stated for mobilization and or preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.**

SAWS does NOT GUARANTEE that the Total Amount awarded will be assigned or expended by the awarded Contractor.

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.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **365** calendar days after the start date, or until funds are exhausted, whichever comes first, 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.

2017 CIPP Small and Large Diameter Sanitary Sewer Construction Contract

Line No.	Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	103.1	Remove Concrete Curb (COSA Spec)	LF	10	\$	\$
2	103.3	Remove Sidewalks and Driveways (COSA Spec)	SF	10	\$	\$
3	103.4	Remove Miscellaneous Concrete (COSA Spec)	SF	10	\$	\$
4	107.1	Embankment (COSA Spec)	CY	10	\$	\$
5	202.10	Prime Coat	GAL	185	\$	\$
6	203.1	Tack Coat (COSA Spec)	GAL	190	\$	\$
7	205.3	Hot Mix Asphaltic Concrete Pavement, Type C (3" Compacted Depth) (COSA Spec)	SY	300	\$	\$
8	205.4	Hot Mix Asphaltic Concrete Pavement, Type D (2" Compacted Depth) (COSA Spec)	SY	250	\$	\$
9	205.4a	Hot Mix Asphaltic pavement, Type D (2" Compacted Depth)	SY	300	\$	\$
10	205.4b	Hot Mix Asphaltic pavement, Type D (3" Compacted Depth)	SY	300	\$	\$
11	206.1	Asphalt Treated Base (ATB) (10" Compacted Depth) (COSA Spec)	SY	250	\$	\$
12	206.10	Asphalt Treated Base (ATB) (12" Compacted Depth) (COSA Spec)	SY	100	\$	\$
13	206.1	Asphalt Treated Base (ATB) (12" Compacted Depth) (COSA Spec)	SY	100	\$	\$
14	208.1	Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (2" Depth) (COSA Spec)	SY	200	\$	\$
15	208.1	Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (3" Depth) (COSA Spec)	SY	200	\$	\$
16	247	Flexible Base-Type A, Grade I with 2% Cement (TX DOT Spec.)	CY	100	\$	\$
17	500.1	Concrete Curb (COSA Spec)	LF	90	\$	\$
18	500.4	Concrete Curb and Gutter (COSA Spec)	LF	85	\$	\$
19	502.1	Concrete Sidewalks (COSA Spec)	SY	80	\$	\$
20	503.1	Portland Cement Concrete Driveway (COSA Spec)	SY	40	\$	\$
21	503.2	Portland Cement Concrete Driveway - Commercial (COSA Spec)	SY	40	\$	\$
22	503.4	Asphaltic Concrete Driveway (COSA Spec)	SY	25	\$	\$
23	505.1	Concrete Riprap (5" Thick) (COSA Spec)	SY	40	\$	\$
24	507.1	New Residential Chain Link Wire Fence (4 ft. High) (COSA Spec)	LF	25	\$	\$
25	507.6	New Residential Wooden Privacy Fence (6 ft. High)	LF	25	\$	\$
26	511.40	Replacing with Portland Cement Concrete pavement (6-in compacted depth)(Cosa Spec)	SY	50	\$	\$
27	515.1	Topsoil (COSA Spec)	CY	15	\$	\$
28	516.1	Bermuda Sodding (COSA Spec)	SY	15	\$	\$
29	516.2	St. Augustine Sodding (COSA Spec)	SY	15	\$	\$

30	520.1	Hydro mulching (Residential or Commercial) (COSA Spec)	SY	15	\$	\$
31	530.1	Barricades, Signs, and Traffic Handling, per each work order (TX DOT)	EA	5	\$	\$
32	530.2	Police Officer (Maximum bid of \$40.00/HR)	HR	40	\$	\$
33	535.01	Hot Applied Thermoplastic Pavement Markings (4" - Wide Yellow Line)	LF	200	\$	\$
34	535.02	Hot Applied Thermoplastic Pavement Markings (4" - Wide White Line)	LF	250	\$	\$
35	535.03	Hot Applied Thermoplastic Pavement Markings (8" - Wide Yellow Line)	LF	250	\$	\$
36	535.04	Hot Applied Thermoplastic Pavement Markings (8" - Wide White Line)	LF	250	\$	\$
37	535.05	Hot Applied Thermoplastic Pavement Markings (12" - Wide White Line)	LF	150	\$	\$
38	535.06	Hot Applied Thermoplastic Pavement Markings (16" - Wide White Line)	LF	50	\$	\$
39	535.07	Hot Applied Thermoplastic Pavement Markings (24" Wide White Line)	LF	150	\$	\$
40	535.08	Hot Applied Thermoplastic Pavement Markings (Right White Arrow)	EA	3	\$	\$
41	535.09	Hot Applied Thermoplastic Pavement Markings (Left White Arrow)	EA	10	\$	\$
42	535.10	Hot Applied Thermoplastic Pavement Markings (Comb. Thru Right Arrow)	EA	3	\$	\$
43	535.11	Hot Applied Thermoplastic Pavement Markings (Comb. Thru Left Arrow)	EA	3	\$	\$
44	535.12	Hot Applied Thermoplastic Pavement Markings (Word "ONLY")	EA	6	\$	\$
45	535.13	Hot Applied Thermoplastic Pavement Marking (Straight White Arrow)	EA	6	\$	\$
46	535.14	Hot Applied Thermoplastic Pavement Marking (Railroad Crossing Symbol, including 2 R's crossbuck and 3 transverse bars)	EA	2	\$	\$
47	535.15	Hot Applied Thermoplastic Pavement Markings (Wheelchair Sign)	EA	2	\$	\$
48	535.16	Hot Applied Thermoplastic Pavement Markings (Bicycle Rider Symbol)	EA	2	\$	\$
49	537	Raised Pavement Markers	EA	150	\$	\$

50	538	Stamped Asphalt	SY	250	\$	\$
51	553	Storm Water Pollution Prevention Plan	EA	23	\$	\$
52	851	Adjusting Existing Manholes	EA	10	\$	\$
53	852	Sanitary Sewer Manholes	EA	2	\$	\$
54	855	Reconstruction of Existing Manholes	EA	5	\$	\$
55	864-S1	Bypass Pumping - Small Diameter	EA	25	\$	\$
56	864-S2	Bypass Pumping - Large Diameter	EA	15	\$	\$
57	866	Sewer Main Pre-Television Inspection (8" through 15" Diameter)	LF	15000	\$	\$
58	866	Sewer Main Pre-Television Inspection (18" through 21" Diameter)	LF	800	\$	\$
59	866	Sewer Main Post-Television Inspection (24" through 30" Diameter)	LF	1500	\$	\$
60	866	Sewer Main Post-Television Inspection (33" through 36" Diameter)	LF	500	\$	\$
61	905	CIPP 8" Sanitary Sewer Pipe, all depths	LF	15000	\$	\$
62	905	CIPP 10" Sanitary Sewer Pipe, all depths	LF	800	\$	\$
63	905	CIPP 12" Sanitary Sewer Pipe, all depths	LF	500	\$	\$
64	905	CIPP 15" Sanitary Sewer Pipe, all depths	LF	500	\$	\$
65	905	CIPP 18" Sanitary Sewer Pipe, all depths	LF	500	\$	\$
66	905	CIPP 21" Sanitary Sewer Pipe, all depths	LF	500	\$	\$
67	905	CIPP 24" Sanitary Sewer Pipe, all depths	LF	1000	\$	\$
68	905	CIPP 30" Sanitary Sewer Pipe, all depths	LF	500	\$	\$
69	905	CIPP 33" Sanitary Sewer Pipe, all depths	LF	200	\$	\$
70	905	CIPP 36" Sanitary Sewer Pipe, all depths	LF	200	\$	\$
71	910.1	Manhole Rehabilitation (Standard Manholes 4-ft in D	VF	540	\$	\$
72	910.2	Manhole Rehabilitation (Non circular Manholes and Manholes Greater than 4-ft in Diameter)	SF	6720	\$	\$
73	1103.1	Point repairs for 8" or 10" Diameter, (0'-10' depth) including up to 20 LF of piping	EA	21	\$	\$
74	1103.1	Point repairs for 8" or 10" Diameter, (10'-15' depth) including up to 20 LF of piping	EA	2	\$	\$
75	1103.1	Point repairs for 8" or 10" Diameter, (>15' depth) including up to 20 LF of piping	EA	2	\$	\$
76	1103.1	Point repairs for 12" or 15" Diameter, (0'-10' depth) including up to 20 LF of piping	EA	2	\$	\$
77	1103.1	Point repairs for 12" or 15" Diameter, (10'-15' depth) including up to 20 LF of piping	EA	2	\$	\$
78	1103.1	Point repairs for 12" or 15" Diameter, (>15' depth) including up to 20 LF of piping	EA	2	\$	\$
79	1103.1	Point repairs for 18" or 21" Diameter, (0'-10' depth) including up to 20 LF of piping	EA	2	\$	\$
80	1103.1	Point repairs for 18" or 21" Diameter, (10'-15' depth) including up to 20 LF of piping	EA	2	\$	\$
81	1103.1	Point repairs for 18" or 21" Diameter, (>15' depth) including up to 20 LF of piping	EA	2	\$	\$
82	1103.1	Point repairs for 24" or 30" Diameter, (0'-10' depth) including up to 20 LF of piping	EA	2	\$	\$
83	1103.1	Point repairs for 24" or 30" Diameter, (10'-15' depth) including up to 20 LF of piping	EA	2	\$	\$

84	1103.1	Point repairs for 24" or 30" Diameter, (>15' depth) including up to 20 LF of piping	EA	2	\$	\$
85	1103.1	Point repairs for 33" or 36" Diameter, (0'-10' depth) including up to 20 LF of piping	EA	2	\$	\$
86	1103.1	Point repairs for 33" or 36" Diameter, (10'-15' depth) including up to 20 LF of piping	EA	2	\$	\$
87	1103.1	Point repairs for 33" or 36" Diameter, (>15' depth) including up to 20 LF of piping	EA	2	\$	\$
88	1103.2	Extra length point repair, 8" or 10" Diameter, all depths	LF	20	\$	\$
89	1103.2	Extra length point repair, 12" or 15" Diameter, all depths	LF	20	\$	\$
90	1103.2	Extra length point repair, 18" or 21" Diameter, all depths	LF	20	\$	\$
91	1103.2	Extra length point repair, 24" or 30" Diameter, all depths	LF	20	\$	\$
92	1103.2	Extra length point repair, 33" or 36" Diameter, all depths	LF	20	\$	\$
93	1103.3	Obstruction Removal by Excavation, 8" or 10" Diameter, all depths	EA	2	\$	\$
94	1103.3	Obstruction Removal by Excavation, 12" or 15" Diameter, all depths	EA	2	\$	\$
95	1103.3	Obstruction Removal by Excavation, 18" or 21" Diameter, all depths	EA	2	\$	\$
96	1103.4	Obstruction Removal by Remote Device, 24" or 30" Diameter, all depths	EA	2	\$	\$
97	1103.4	Obstruction Removal by Remote Device, 33" or 36" Diameter, all depths	EA	2	\$	\$
98	1109	Service Reconnection, all depths (w/ remote control cut device)	EA	200	\$	\$
99	1109	Service Reconnection, (w/ open cut excavation, 0'-10' depth, including up to 10 LF of lateral)	EA	5	\$	\$
100	1109	Service Reconnection, (w/ open cut excavation, 10'-15' depth, including up to 10 LF of lateral)	EA	2	\$	\$
101	1109	Service Reconnection, (w/ open cut excavation, >15' depth, including up to 10 LF of lateral)	EA	2	\$	\$
102	4438	Flowable Fill	CY	125	\$	\$
103	SS6001	Portable Changeable Message Sign, two per work order (TXDOT Spec)	EA	10	\$	\$
104		Abandonment of Sanitary Sewer Manholes	EA	2	\$	\$