



SAN ANTONIO WATER SYSTEM
2014 Small and Large Diameter Rehabilitation Program – Project 2
SAWS JOB NUMBER 14-4806

ADDENDUM NO.2
October 29, 2014

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 provided in submitted copies of the proposal.

Bids will not be accepted from any company not represented at the mandatory pre-bid meeting held on October 21, 2014.

SPECIFICATIONS:

Item 1: Table of Contents

Delete: Delete this article in its entirety.

Add: Add the attached Table of Contents

Item 2: Bid Proposal

Delete: Delete this article in its entirety.

Add: Add the attached Bid Proposal

Item 3: Special Provision 530 Barricades, Signs and Traffic Handling

Delete: Delete this article in its entirety.

Add: Add the attached Special Provision 530 Barricades, Signs and Traffic Handling

Item 4: Special Provision 900 – Reconstruction of Sanitary Sewer by Pipe Bursting/Crushing Replacement Process

Add: Add the attached Special Provision 900 - Reconstruction of Sanitary Sewer by Pipe Bursting/Crushing Replacement Process

Item 5: Special Provision 1103 – Point Repairs and Obstructions Removals

Add: Add the attached Special Provision 1103 - Point Repairs and Obstructions Removals

GENERAL:

The following is a list of questions received by 4:00 PM Friday October 24, 2014 and the responses:

- Item 6:** **Question:** With respect to Spec 205.3 & 511.3 HMAC Paving- In the event we encounter bad soils and it causes trench to expand wider than anticipated, will the additional square yardage be measured & paid or will you only pay pipe diameter + 4'?
- Response:** Site restoration (including pavement replacement) is considered subsidiary to sanitary sewer rehabilitation as noted in applicable specifications. Pavement will be paid for separately only when indicated in work orders. Pay limits will be as indicated in work orders.
- Item 7:** **Question:** Will select fills be paid if necessary or is it incidental to pipe price?
- Response:** In accordance with Section 804 no separate payment will be made for backfilling of sanitary sewers. This includes cost of select fill if required. Include cost in applicable contract price for the item to which work pertains.
- Item 8:** **Question:** Pay Item 516.1, 516.2, 520.1- Will these be paid by quantities determined in the field or will it be predetermined by site regardless of what is actually necessary?
- Response:** Quantities will be measured in the field and approved by SAWS inspector.
- Item 9:** **Question:** Pay Item 900- Will Pipebursting Pits restoration be measured & paid or is it incidental to the Pipebursting price?
- Response:** Site Restoration for Pipe Bursting pits is incidental. See Special Provision 900.
- Item 10:** **Question:** Pay Item 901.1- Manholes required for large diameter CIPP will need to have cones removed, will the replacement be measured and paid or is it incidental to the CIPP?
- Response:** In accordance with Section 901 paragraph 901.5 cost for manhole cone replacement is incidental to cost of the CIPP.
- Item 11:** **Question:** Pay Item 1103.1 & 1103.1- Will flowable fill be required for Point Repairs & extended length point repairs in paved areas and if so will it be measured and paid per cubic yard?
- Response:** Flowable fill will not be required for point repairs unless noted on work orders. If required, flowable fill will not be paid for separately, but cost will be considered incidental to point repair.
- Item 12:** **Question:** Pay Item 1103.1 & 1103.2- Will Street/Sod Restoration necessary in Point Repair & extended length Point Repair locations be measured and paid or incidental to the Point Repair?
- Response:** In accordance with Section 1103.4 h. Restoration of site improvements is incidental to the cost of the point repair.

Item 13: **Question:** Pay Item 1109- Will flowable fill be required in service reconnects under paved areas and if so will it be measured & paid or is it incidental to the Service Reconnect?

Response: Flowable fill will not be required for point repairs unless noted on work orders. If required, flowable fill will not be paid for separately, but cost will be considered incidental to point repair.

Item 14: **Question:** Can you please clarify Spec Section 1103.4.d- “No separate payment will be made for Point Repair done within the limits of a service lateral reconnection”? I understand this to mean if we’re are a given a point repair on a work order and it is determined that that there is a service reconnect on the section of mainline then the Point Repair isn’t paid for only the Service Reconnect is, correct?

Response: This is correct.

Item 15: **Question:** Pay Item 1109- I see that Bypass Pumping is not paid for anything smaller than 24” diameter mains, however will it be paid for on Point Repairs of 24” and larger diameter?

Response: Bypass pumping for point repairs of 24” and larger diameter is incidental. See Special Provision 1103.

Item 16: **Question:** Will there be Emergency Work Order as part of this contract?

Response: Yes.

This Addendum, including this page, is 26 pages with attachments in its entirety.



Alisa Gruber 10/29/14
Alisa Gruber, P.E. date
Lockwood, Andrews & Newnam Inc.
Registration No. 2614

**Contract Documents
Table of Contents**

PROPOSAL AND CONTRACT REQUIREMENTS	PAGE
Invitation to Bidders	IV-1
Instructions to Bidders.....	IB-1
Workers' Compensation Insurance Coverage Requirements	WC-1
Bid Packet Checklist.....	BC
Bid Proposal	BP-1
Proposal Certification	PC-1
Good Faith Effort Plan	GFEP-1
Conflict of Interest Form	CIQ
Wage Decisions	WR-1
Asbestos Workers Memo.....	AAWR-1
General Conditions of the Contract	GC-1
Contract Agreement.....	CA-1
Performance and Payment Bond	PB-1
Workers' Compensation Exhibit "A"	WA-1
Contractor Suspension Policy Exhibit "B"	SP-1
Contractor Security Procedures Exhibit "C"	SP-10
Request for Taxpayer Identification Number and Certification Form (Rev. 08/2013).....	W-9
Instructions for Completing the ACORD Certificate of Liability Insurance	ICS
TWDB-0551 Supplemental Contract Conditions (USE for Tier II Only) (Rev. 02/2014)	TWDB-0551
TWDB-1106 American Iron and Steel (AIS) Guidance (Rev. 07/2014).....	TWDB-1106
Supplemental Conditions.....	SS-1
Special Conditions.....	SC-1
Special Specifications:	
Storm Water Pollution Prevention Plan	553
Speed Humps, Type II Modular Rubber Cushions.....	799
Bypass Pumping	864
Sewer Main Pre-Television Inspection	865
Cured in Place Pipe	901
Manhole Rehabilitation	910

(Separate Documents)

CoSA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (Latest Edition)

SAWS SPECIFICATIONS FOR WATER & SANITARY SEWER CONSTRUCTION (April 2014)

Special Provisions:

Mobilization	SP100
Preparing Right-of-Way	SP101
Barricades, Signs and Traffic Handling	SP530
Sewer Main Television Inspection	SP866
Reconstruction of Sanitary Sewer by Pipe Bursting/Crushing Replacement Process	SP900
Point Repairs and Obstructions Removals	SP1103

BID PROPOSAL

PROPOSAL OF _____, a corporation
 a partnership consisting of _____
 an individual doing business as _____

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitations to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the rehabilitation of sanitary sewer mains by pipe bursting and cured-in-place pipe methods and required appurtenances for San Antonio Water System (SAWS) in accordance with the Plans and Specifications for the 2014 Small and Large Diameter Rehabilitation Program - Project 2, Job No. 14-4806. The undersigned acknowledges and understands that the projects are unspecified at the time of bidding, all quantities are estimated, and it is the intent of this proposal and quantities herein to establish a unit price for various line items to be paid the Contractor by SAWS. No change in the unit price will be made, regardless of the actual quantity of the item of work performed. The work will be performed for the following prices to wit:

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
103.1	Remove Concrete Curb (COSA Spec) _____ Dollars and _____ Cents	LF	50	_____	_____
103.3	Remove Sidewalks and Driveways (COSA Spec) _____ Dollars and _____ Cents	SF	50	_____	_____
103.4	Remove Miscellaneous Concrete (COSA Spec) _____ Dollars and _____ Cents	SF	50	_____	_____
203.1	Tack Coat (COSA Spec) _____ Dollars and _____ Cents	GAL	500	_____	_____
205.3	Hot Mix Asphaltic Concrete Pavement, Type C (2" Compacted Depth) (COSA Spec) _____ Dollars and _____ Cents	SY	100	_____	_____
205.3	Hot Mix Asphaltic Concrete Pavement, Type C (3" Compacted Depth) (COSA Spec) _____ Dollars and _____ Cents	SY	1,000	_____	_____
205.4	Hot Mix Asphaltic Concrete Pavement, Type D (2" Compacted Depth) (COSA Spec) _____ Dollars and _____ Cents	SY	2,000	_____	_____
206.1	Asphalt Treated Base (ATB) (10" Compacted Depth) (COSA Spec) _____ Dollars and _____ Cents	SY	100	_____	_____
206.1	Asphalt Treated Base (ATB) (12" Compacted Depth) (COSA Spec) _____ Dollars and _____ Cents	SY	20	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
208.1	Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (2" Depth) (COSA Spec) _____ Dollars and _____ Cents	SY	2,000	_____	_____
208.1	Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (3" Depth) (COSA Spec) _____ Dollars and _____ Cents	SY	1,000	_____	_____
247	Flexible Base-Type A, Grade I with 2% Cement (TxDOT Spec.) _____ Dollars and _____ Cents	CY	50	_____	_____
500.1	Concrete Curb (COSA Spec) _____ Dollars and _____ Cents	LF	90	_____	_____
500.4	Concrete Curb and Gutter (COSA Spec) _____ Dollars and _____ Cents	LF	85	_____	_____
502.1	Concrete Sidewalks (COSA Spec) _____ Dollars and _____ Cents	SY	80	_____	_____
503.1	Portland Cement Concrete Driveway (COSA Spec) _____ Dollars and _____ Cents	SY	80	_____	_____
503.2	Portland Cement Concrete Driveway - Commercial (COSA Spec) _____ Dollars and _____ Cents	SY	80	_____	_____
503.4	Asphaltic Concrete Driveway (COSA Spec) _____ Dollars and _____ Cents	SY	50	_____	_____
505.1	Concrete Riprap (5" Thick) (COSA Spec) _____ Dollars and _____ Cents	SY	50	_____	_____
506.1	Concrete Retaining Walls - Combination Type (COSA Spec) _____ Dollars and _____ Cents	CY	50	_____	_____
507.1	New Residential Chain Link Wire Fence (4 ft. High) (COSA Spec) _____ Dollars and _____ Cents	LF	50	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
507.4	Gates - Pedestrian (COSA Spec) _____ Dollars and _____ Cents	EA	2	_____	_____
507.6	New Residential Wooden Privacy Fence (6 ft. High) _____ Dollars and _____ Cents	LF	40	_____	_____
511.3	Replacing with Hot Mix Asphaltic Concrete Pavement (3" Type D & 12" Type ATB) (COSA Spec) _____ Dollars and _____ Cents	SY	500	_____	_____
511.3	Replacing with Hot Mix Asphaltic Concrete Pavement (2" Type D & 10" Type ATB) (COSA Spec) _____ Dollars and _____ Cents	SY	500	_____	_____
515.1	Topsoil (COSA Spec) _____ Dollars and _____ Cents	CY	15	_____	_____
516.1	Bermuda Sodding (COSA Spec) _____ Dollars and _____ Cents	SY	15	_____	_____
516.2	St. Augustine Sodding (COSA Spec) _____ Dollars and _____ Cents	SY	15	_____	_____
520.1	Hydromulching (Residential or Commercial) (COSA Spec) _____ Dollars and _____ Cents	SY	15	_____	_____
530.1	Barricades, Signs and Traffic Handling (1 per work order) (COSA Spec) _____ Dollars and _____ Cents	EA	20	_____	_____
535.1	4 Inch Wide Yellow Line (COSA Spec) _____ Dollars and _____ Cents	LF	50	_____	_____
535.2	4 Inch Wide White Line (COSA Spec) _____ Dollars and _____ Cents	LF	50	_____	_____
535.7	24 Inch Wide White Line (COSA Spec) _____ Dollars and _____ Cents	LF	50	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
537.6	Pavement Marker (Type I-C) (COSA Spec) _____ Dollars and _____ Cents	EA	50	_____	_____
537.8	Pavement Marker (Type II-A-A) (COSA Spec) _____ Dollars and _____ Cents	EA	30	_____	_____
553	Storm Water Pollution Prevention Plan (SW3P) (1 per work order) _____ Dollars and _____ Cents	EA	20	_____	_____
799	Removal and Replacement of Speed Hump (Type II) (per each hump) _____ Dollars and _____ Cents	EA	10	_____	_____
850.1	Sanitary Sewer Structure, 6 ft. Diameter Type "B" Structure (0'-6') - to include rehab of junction boxes _____ Dollars and _____ Cents	EA	1	_____	_____
850.1	Extra Depth, Type "B" Structure (>6' Depth) _____ Dollars and _____ Cents	VF	5	_____	_____
850.1	Sanitary Sewer Structure, 8 ft. Diameter Type "C" Structure (0'-6') - to include rehab of junction boxes _____ Dollars and _____ Cents	EA	1	_____	_____
850.1	Extra Depth, Type "C" Structure (>6' Depth) _____ Dollars and _____ Cents	VF	5	_____	_____
851	Adjusting Existing Manholes _____ Dollars and _____ Cents	EA	10	_____	_____
852.1	Sanitary Sewer Manhole, 4 ft. Diameter (0'-6') _____ Dollars and _____ Cents	EA	25	_____	_____
852.1	Sanitary Sewer Manhole, 5 ft. Diameter (0'-6') _____ Dollars and _____ Cents	EA	5	_____	_____
852.1	Sanitary Sewer Manhole, 6 ft. Diameter (0'-6') _____ Dollars and _____ Cents	EA	5	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
852.2	Sanitary Sewer Drop Manhole, 4 ft. Diameter (0'-6') _____ Dollars and _____ Cents	EA	5	_____	_____
852.2	Sanitary Sewer Drop Manhole, 5 ft. Diameter (0'-6') _____ Dollars and _____ Cents	EA	5	_____	_____
852.2	Sanitary Sewer Drop Manhole, 6 ft. Diameter (0'-6') _____ Dollars and _____ Cents	EA	5	_____	_____
852.3	Extra Depth Manholes, 4 ft. Diameter (>6') _____ Dollars and _____ Cents	VF	20	_____	_____
852.3	Extra Depth Manholes, 5 ft. Diameter (>6') _____ Dollars and _____ Cents	VF	20	_____	_____
852.3	Extra Depth Manholes, 6 ft. Diameter (>6') _____ Dollars and _____ Cents	VF	20	_____	_____
854.1	Sanitary Sewer Laterals _____ Dollars and _____ Cents	LF	75	_____	_____
854.2	Two-Way Sanitary Sewer Clean-out _____ Dollars and _____ Cents	EA	15	_____	_____
855.1	Reconstruction of Existing Manhole _____ Dollars and _____ Cents	EA	10	_____	_____
858	Concrete Encasement, Cradles, Saddles and Collars _____ Dollars and _____ Cents	CY	20	_____	_____
860	Vertical Stacks _____ Dollars and _____ Cents	VF	20	_____	_____
864.1	Bypass Pumping (24" to 30" diameter) Initial Set Up _____ Dollars and _____ Cents	EA	5	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
864.1	Bypass Pumping (33" to 36" diameter) Initial Set Up _____ Dollars and _____ Cents	EA	3	_____	_____
864.1	Bypass Pumping (42" to 48" diameter) Initial Set Up _____ Dollars and _____ Cents	EA	1	_____	_____
864.2	Bypass Pumping (24" to 30" diameter) Secondary Set Up _____ Dollars and _____ Cents	EA	2	_____	_____
864.2	Bypass Pumping (33" to 36" diameter) Secondary Set Up _____ Dollars and _____ Cents	EA	1	_____	_____
864.2	Bypass Pumping (42" to 48" diameter) Secondary Set Up _____ Dollars and _____ Cents	EA	1	_____	_____
864.3	Bypass Pumping (24" to 30" diameter) Piping per length of main to be rehabilitated or replaced _____ Dollars and _____ Cents	LF	1,000	_____	_____
864.3	Bypass Pumping (33" to 36" diameter) Piping per length of main to be rehabilitated or replaced _____ Dollars and _____ Cents	LF	400	_____	_____
864.3	Bypass Pumping (42" to 48" diameter) Piping per length of main to be rehabilitated or replaced _____ Dollars and _____ Cents	LF	4,000	_____	_____
865	Sewer Main Pre-Television Inspection (8" through 15" Diameter) _____ Dollars and _____ Cents	LF	25,500	_____	_____
865	Sewer Main Pre-Television Inspection (18" through 24" Diameter) _____ Dollars and _____ Cents	LF	3,300	_____	_____
865	Sewer Main Per-Television Inspection (27" through 36" Diameter) _____ Dollars and _____ Cents	LF	3,400	_____	_____
865	Sewer Main Pre-Television Inspection (42" through 48" Diameter) _____ Dollars and _____ Cents	LF	4,200	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
868.1	Sewer Main Cleaning - Normal (8" through 15" Diameter) _____ Dollars and _____ Cents	LF	12,000	_____	_____
868.1	Sewer Main Cleaning - Normal (18" through 24" Diameter) _____ Dollars and _____ Cents	LF	1,700	_____	_____
868.1	Sewer Main Cleaning - Normal (27" through 36" Diameter) _____ Dollars and _____ Cents	LF	3,000	_____	_____
868.1	Sewer Main Cleaning - Normal (42" through 48" Diameter) _____ Dollars and _____ Cents	LF	4,200	_____	_____
868.2	Sewer Main Cleaning - Mechanical (8" through 15" Diameter) _____ Dollars and _____ Cents	LF	500	_____	_____
868.2	Sewer Main Cleaning - Mechanical (18" through 24" Diameter) _____ Dollars and _____ Cents	LF	500	_____	_____
868.2	Sewer Main Cleaning - Mechanical (27" through 36" Diameter) _____ Dollars and _____ Cents	LF	250	_____	_____
868.2	Sewer Main Cleaning - Mechanical (42" through 48" Diameter) _____ Dollars and _____ Cents	LF	4,000	_____	_____
900	Pipe Bursting 8" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	10,000	_____	_____
900	Pipe Bursting 10" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	1,500	_____	_____
900	Pipe Bursting 12" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	1,000	_____	_____
900	Pipe Bursting 15" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	1,000	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
900	Pipe Bursting 18" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	600	_____	_____
900	Pipe Bursting 21" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	500	_____	_____
900	Pipe Bursting 24" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	500	_____	_____
900	Pipe Bursting 27" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	100	_____	_____
900	Pipe Bursting 30" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	100	_____	_____
900	Pipe Bursting 33" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	100	_____	_____
900	Pipe Bursting 36" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	100	_____	_____
901.1	CIPP 8" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	8,000	_____	_____
901.1	CIPP 10" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	2,000	_____	_____
901.1	CIPP 12" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	1,500	_____	_____
901.1	CIPP 15" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	500	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
901.1	CIPP 18" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	600	_____	_____
901.1	CIPP 21" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	500	_____	_____
901.1	CIPP 24" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	600	_____	_____
901.1	CIPP 27" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	500	_____	_____
901.1	CIPP 30" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	500	_____	_____
901.1	CIPP 33" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	1,000	_____	_____
901.1	CIPP 36" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	1,000	_____	_____
901.1	CIPP 42" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	200	_____	_____
901.1	CIPP 48" Sanitary Sewer Pipe, all depths, structured _____ Dollars and _____ Cents	LF	4,000	_____	_____
910.1	Manhole Rehabilitation _____ Dollars and _____ Cents	VF	1,500	_____	_____
910.2	Sanitary Sewer Structure Rehabilitation _____ Dollars and _____ Cents	SF	6,175	_____	_____
1103.1	Point repairs for 8" or 10" Diameter, (0'-10' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	15	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
1103.1	Point repairs for 8" or 10" Diameter, (10'-15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	10	_____	_____
1103.1	Point repairs for 8" or 10" Diameter, (>15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	4	_____	_____
1103.1	Point repairs for 12" or 15" Diameter, (0'-10' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____
1103.1	Point repairs for 12" or 15" Diameter, (10'-15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____
1103.1	Point repairs for 12" or 15" Diameter, (>15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____
1103.1	Point repairs for 18" or 21" Diameter, (0'-10' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____
1103.1	Point repairs for 18" or 21" Diameter, (10'-15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____
1103.1	Point repairs for 18" or 21" Diameter, (>15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	2	_____	_____
1103.1	Point repairs for 24" or 27" Diameter, (0'-10' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____
1103.1	Point repairs for 24" or 27" Diameter, (10'-15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____
1103.1	Point repairs for 24" or 27" Diameter, (>15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	2	_____	_____
1103.1	Point repairs for 30" or 33" Diameter, (0'-10' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
1103.1	Point repairs for 30" or 33" Diameter, (10'-15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	5	_____	_____
1103.1	Point repairs for 30" or 33" Diameter, (>15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	2	_____	_____
1103.1	Point repairs for 36" or 42" Diameter, (0'-10' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	2	_____	_____
1103.1	Point repairs for 36" or 42" Diameter, (10'-15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	2	_____	_____
1103.1	Point repairs for 36" or 42" Diameter, (>15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	2	_____	_____
1103.1	Point repairs for 48" Diameter, (0'-10' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	2	_____	_____
1103.1	Point repairs for 48" Diameter, (10'-15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	2	_____	_____
1103.1	Point repairs for 48" Diameter, (>15' depth) including up to 10 LF of piping _____ Dollars and _____ Cents	EA	3	_____	_____
1103.2	Extra length point repair, 8" or 10" Diameter, all depths _____ Dollars and _____ Cents	LF	100	_____	_____
1103.2	Extra length point repair, 12" or 15" Diameter, all depths _____ Dollars and _____ Cents	LF	25	_____	_____
1103.2	Extra length point repair, 18" or 21" Diameter, all depths _____ Dollars and _____ Cents	LF	15	_____	_____
1103.2	Extra length point repair, 24" or 27" Diameter, all depths _____ Dollars and _____ Cents	LF	5	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
1103.2	Extra length point repair, 30" or 33" Diameter, all depths _____ Dollars and _____ Cents	LF	5	_____	_____
1103.2	Extra length point repair, 36" or 42" Diameter, all depths _____ Dollars and _____ Cents	LF	5	_____	_____
1103.2	Extra length point repair, 48" Diameter, all depths _____ Dollars and _____ Cents	LF	2	_____	_____
1103.3	Obstruction Removal by Excavation, 8" or 10" Diameter, all depths _____ Dollars and _____ Cents	EA	10	_____	_____
1103.3	Obstruction Removal by Excavation, 12" or 15" Diameter, all depths _____ Dollars and _____ Cents	EA	5	_____	_____
1103.3	Obstruction Removal by Excavation, 18" or 21" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1103.3	Obstruction Removal by Excavation, 24" or 27" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1103.3	Obstruction Removal by Excavation, 30" or 33" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1103.3	Obstruction Removal by Excavation, 36" or 42" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1103.3	Obstruction Removal by Excavation, 48" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1103.4	Obstruction Removal by Remote Device, 8" or 10" Diameter, all depths _____ Dollars and _____ Cents	EA	5	_____	_____
1103.4	Obstruction Removal by Remote Device, 12" or 15" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
1103.4	Obstruction Removal by Remote Device, 18" or 21" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1103.4	Obstruction Removal by Remote Device, 24" or 27" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1103.4	Obstruction Removal by Remote Device, 30" or 33" Diameter, all depths _____ Dollars and _____ Cents	EA	3	_____	_____
1103.4	Obstruction Removal by Remote Device, 36" to 42" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1103.4	Obstruction Removal by Remote Device, 48" Diameter, all depths _____ Dollars and _____ Cents	EA	1	_____	_____
1109	Service Reconnection, all depths (w/ remote control cut device) _____ Dollars and _____ Cents	EA	80	_____	_____
1109	Service Reconnection, (w/ open cut excavation, 0'-10' depth, including up to 10 LF of lateral) _____ Dollars and _____ Cents	EA	200	_____	_____
1109	Service Reconnection, (w/ open cut excavation, 10'-15' depth, including up to 10 LF of lateral) _____ Dollars and _____ Cents	EA	20	_____	_____
1109	Service Reconnection, (w/ open cut excavation, >15' depth, including up to 10 LF of lateral) _____ Dollars and _____ Cents	EA	10	_____	_____
1109	Service Reconnection, (Person Entry) _____ Dollars and _____ Cents	EA	2	_____	_____
4438	Flowable Fill _____ Dollars and _____ Cents	CY	100	_____	_____

Bid Summary

TOTAL BID AMOUNT: \$ _____

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, as set forth in the Authorization to Proceed or until funds are exhausted, whichever comes first. **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.

**SPECIAL PROVISION TO COSA ITEM NO 530
BARRICADES, SIGNS, AND TRAFFIC HANDLING**

Insert the following as Section 530.2 Traffic Control Plan

In the event that the work orders do not include traffic control, or that the Contractor wishes to vary from traffic control included with the work orders, he shall submit for review a Traffic Control Plan sealed by a Professional Engineer registered in the State of Texas, including a sign and barricade plan conforming to the requirements of the Texas Manual on Uniform Traffic Control Devices. The City or governing jurisdiction's construction observer / inspector (COI) and the traffic engineering representative will only be responsible to inspect the traffic control devices being deployed. If, in the opinion of the traffic engineering representative and the COI, the traffic control devices do not conform to established standards or are incorrectly placed or are insufficient in quantity to protect the general public, the COI shall have the option to stop construction operations at no expense to the City or governing jurisdictions until such time as the conditions are corrected by the contractor.

Renumber Paragraphs 530.2 Guidelines for Barricading on City Right-of-way through 530.7 Bid Item as 530.3 Guidelines for Barricading on City Right-of-way through 530.8 Bid Item

Remove Section 530.6 Measurement in its entirety and Replace with the following:

“530.6 MEASUREMENT: This item will be measured by each work order where barricades, signs and traffic handling is required. Preparation of traffic control plan where required will not be measured separately and is considered incidental to barricades, signs and traffic handling. ”

Remove Section 530.7 Payment in its entirety and Replace with the following:

“530.7 PAYMENT: Payment for line Item 530 Barricades, Signs and Traffic Handling will be made by the contract unit bid price of ‘Each’. This price shall be full compensation for furnishing all labor, materials, supplies, equipment and incidentals necessary to complete the work as specified. Failure to complete the work within the time allowed in the work order due to approving designs, testing, material shortages, closed construction season, curing periods, and testing periods will not qualify for additional compensation. When additional work is added by an approved field alteration or when work is suspended for the convenience of the City or SAWS, through no fault of the contractor, additional compensation may be paid to the Contractor.

Contractor shall be compensated for one (1) Barricades, Signs and Traffic Handling item per work order. If off duty police officers are required, payment for off duty police officers shall be considered subsidiary to Item 530 Barricades, Signs, and Traffic Handling (no separate pay item).”

Remove Section 530.8 Bid Item in its entirety and Replace with the following:

“530.8 BID ITEM:

Item 530.1 – Barricades, Signs, and Traffic Handling (1 per work order) – per each”

**SPECIAL PROVISION TO SAWS
ITEM NO. 900
RECONSTRUCTION OF SANITARY SEWER BY PIPE BURSTING/CRUSHING
REPLACEMENT PROCESS**

Remove Section 900.4 Measurement and Payment in its entirety and Replace with the following:

900.4 MEASUREMENT AND PAYMENT: Measurement and payment for items included in this specification shall be in accordance with the pay items listed below. Work included in these items shall include and the price provided by the Contractor will be considered as full compensation for furnishing and placing of all materials, labor, tools, and equipment; cleaning, preparation, repairs, obstruction removal, inspection; and phasing, protecting, work execution and any other work necessary to complete the project.

1. Installed Pipe: The inserted pipe will be paid for per linear foot of pipe installed using pipe-bursting/pipe crushing method for the pipe diameter, type, quantity, and depth specified and will include all pipe installation materials, all submittals, sealing materials at manholes and annulus (if required), launching pits, receiving pits, post testing, shoring, bedding, backfill, and all necessary, corresponding, and related work specified herein. (Item No. 900)
2. Services: Locating and reconstruction of services and all connections of services will be paid for per each connection made, including fittings and pipe. Payment for abandoned services will be on a per each connection made basis. (Item No. 900.1)
3. Point Repairs: Point repairs will be paid for on a per each basis, as needed. Extra length point repair will be paid based on the length of pipe replaced per repair beyond the length established for each single point repair item, as needed. Abandoned point repairs will be paid on a cubic yard basis, as needed. (Item No.900.5)
4. Obstruction Removal: Obstruction removal will be paid for on a per each basis, as needed. (Item No. 900.6)
5. Storm Water Pollution Prevention and Erosion Control Plan: Payment for this item will be based on the items and quantities of control measures included in the proposal on the basis indicated in the respective specification sections.
6. Site Restoration: Site restoration (including but not limited to replacement of pavement, sidewalks, driveways, curbing, landscaping, sodding, etc.) will not be paid for separately and shall be considered subsidiary to the Pipe Bursting/Crushing bid items.
7. Television Inspection: Payment will be made for television inspection of the sewer line prior to pipe rehabilitation in accordance with specifications Item No. 866 and cleaning will be in accordance with specification Item No. 868. There will be no additional or separate payment for “post-TV” video inspection, documentation, required submittals, and associated or related work.

2014 Small and Large Diameter Rehabilitation Program – Project 2
Job No. 14-4806
Solicitation No. CD-B-14-053-MF

8. Bypass Pumping: The cost of any necessary bypass pumping will be considered subsidiary to the appropriate pay items for pipe installation, television inspection, repair, or related work and will not be a separate pay item.

End of Special Provision

**SPECIAL PROVISION TO SAWS ITEM 1103
POINT REPAIRS AND OBSTRUCTION REMOVALS**

Remove Section 1103.4 Measurement and Payment in its entirety and Replace with the following:

900.4 MEASUREMENT AND PAYMENT:

1. Unit Prices - Point Repair:

- a. Measurement for sewer line point repair is on a unit price basis for each repair performed. Minimum length of pipe to be replaced for each repair, determined by depth of sewer line measured from natural ground to flow line at point of repair.
- b. 9 feet minimum length.
- c. Measurement for sewer line extra length point repair is on a linear foot basis in excess of minimum replacement length specified above.
- d. Payment for service lateral point repair is on a linear foot basis for all sizes of service laterals and for all depths (same unit price per linear foot, regardless of size and depth). No separate payment will be made for point repair done within the limits of a service lateral reconnection as defined in this Section. Minimum length of service lateral point repair is 3 feet.
- e. Measurement for hand excavation: When authorized by the Inspector in locations where excavation by machine is not suitable, no direct payment shall be made for hand excavation.
- f. Measurement for abandonment of point repair by excavation: No direct payment shall be made for abandonment of point repair.
- g. Measurement for abandonment of point repair by video inspection: No direct payment shall be made for abandonment of point repair by video inspection.
- h. The cost of the following items of work are included in the unit prices for point repairs, and all associated work:
 - (1) Excavation, embedment and backfill;
 - (2) Hauling away and lawful disposal of excess excavated materials and debris;
 - (3) Pipe, pipe fittings, adapters and concrete collars;
 - (4) Smoke testing and any required retesting;
 - (5) Restoration of site improvements, including sodding;

- (6) Post-cleaning video inspection;
- (7) All other necessary work to complete;
- (8) By-Pass Pumping

2. Unit Price - Obstruction Removal:

- a. Obstruction removal by excavation will be paid per each obstruction removal performed. Obstruction removal can be submitted for payment when the obstruction has been cleared from the sewer line to be lined. Liner work must proceed at least 6 feet before payment for removal of another obstruction will be considered (i.e., all obstruction within a distance of 6 feet is considered to be part of the same obstruction.)
- b. Obstruction removal by remote device will be paid on a unit price basis, per manhole section, and shall include all obstruction removals within a manhole section.
- c. The cost of the following work items are included in the unit prices for obstruction removal by remote device or excavation:
 - (1) Cleaning of sanitary sewers due to broken pipe, roots, dirt, loose deposits, etc.;
 - (2) Post television inspection;
 - (3) Excavation, embedment and backfill;
 - (4) Hauling away and lawful disposal of excess excavated material and debris;
 - (5) Restoration of site improvements, including sodding;
 - (6) All other necessary effort to complete work.

Payment will not be made for obstruction removal if the existing sewer line, service line or tap is damaged and a point repair is required. Payment will not be made for removal of a protruding tap if the service reconnection is performed by excavation.

Removal of hard deposits, concrete, debris, pipes or any other material in a manhole, or that is accessible from the manhole wall, will be cleared under work items for rehabilitation of sanitary sewer pipes and manholes.

- 3. Stipulated Price (Lump Sum): If the Contract is a Stipulated Price Contract, payment for work in this Section is included in the total Stipulated Price.

End of Special Provision