



SAN ANTONIO WATER SYSTEM
2013 OPEN CUT SEWER WORK ORDER CONSTRUCTION CONTRACT 1
Job No. 13-4502
Solicitation No. B-13-025-DD

ADDENDUM NO.1
May 13, 2013

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.

Item 1: Price Proposal

The quantities for several items have been revised. REMOVE the Price Proposal in its ENTIRETY and REPLACE with the attached revised Price Proposal.

Item 2: Responses to Bidders Questions

No written questions were received for this solicitation.

Item 3: Technical Specifications

REMOVE Specification Item 910 - Manhole Rehabilitation, in its ENTIRETY and REPLACE with the attached revised Specification Item 910.

Item 4: Non-Mandatory Pre-Bid Meeting

Meeting Notes are attached for information only. The pre-bid meeting sign-in sheet was previously posted on the SAWS website.

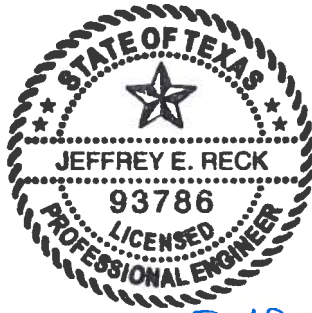
The remainder of the bid documents remains unchanged.

This Addendum, including this page, is two (2) pages in its entirety.

Each bidder is requested to acknowledge receipt of this Addendum No. 1 by his/her signature affixed hereto and to file same as an attachment to his/her bid.



Jeffrey E. Reck, P.E.
Project Manager
LNV, Inc.
TBPE Firm No. F-366



5-13-2013

The Undersigned acknowledges receipt of this Addendum No. 1 and the bid submitted herewith is in accordance with the information and stipulation set forth.

Date

Signature of Bidder

END OF ADDENDUM

**2013 Open Cut Sewer Work Order Construction Contract 1
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PRICE PROPOSAL

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

TO THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation for Competitive Sealed Proposals, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the construction and replacement of sanitary sewer mains by open-cut and pipe bursting construction methods and required appurtenances for San Antonio Water System (SAWS) in accordance with the Plans and Specifications for the 2013 Open-Cut Sewer Work Order Construction Contract 1, Job No. 13-4502. The undersigned acknowledges and understands that all projects are unspecified at the time of this request for proposals, 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 on an annual basis. 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 _____ Dollars and _____ Cents	LF	100	_____	_____
103.3	Remove Sidewalks and Driveways _____ Dollars and _____ Cents	SF	1,000	_____	_____
103.4	Remove Miscellaneous Concrete _____ Dollars and _____ Cents	SF	100	_____	_____
200.1	Flexible Base (4" Compacted Depth, Type A) _____ Dollars and _____ Cents	SY	100	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
200.1	Flexible Base (6" Compacted Depth, Type A) _____ Dollars and _____ Cents	SY	200	_____	_____
202.1	Prime Coat _____ Dollars and _____ Cents	GAL	60	_____	_____
203.1	Tack Coat _____ Dollars and _____ Cents	GAL	20	_____	_____
205.4	Hot Mix Asphaltic Pavement, Type D (2" Pavement Thickness) _____ Dollars and _____ Cents	SY	1,000	_____	_____
206.1	Asphalt Treated Base (10" Compacted Depth) _____ Dollars and _____ Cents	SY	100	_____	_____
208.1	Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (2" Depth) _____ Dollars and _____ Cents	SY	1,000	_____	_____
500.1	Concrete Curb _____ Dollars and _____ Cents	LF	100	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
500.4	Concrete Curb and Gutter _____ Dollars and _____ Cents	LF	100	_____	_____
502.1	Concrete Sidewalks – Conventionally Formed _____ Dollars and _____ Cents	SY	25	_____	_____
503.1	Portland Cement Concrete Driveway _____ Dollars and _____ Cents	SY	50	_____	_____
503.2	Portland Cement Concrete Driveway - Commercial _____ Dollars and _____ Cents	SY	50	_____	_____
503.4	Asphaltic Concrete Driveway _____ Dollars and _____ Cents	SY	50	_____	_____
504.1	Concrete Median _____ Dollars and _____ Cents	SY	50	_____	_____
504.2	Concrete Directional Island _____ Dollars and _____ Cents	SY	50	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
505.1	Concrete Riprap (5" Thick)				
	_____ Dollars				
	and _____ Cents	SY	60	_____	_____
506.1	Concrete Retaining Walls - Combination Type				
	_____ Dollars				
	and _____ Cents	CY	20	_____	_____
507.1	New Residential Chain Link Wire Fence (4 ft. High)				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
507.2	New Residential Chain Link Wire Fence (6 ft. High)				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
507.2	Temporary Chain Link Wire Fence (6 ft. High)				
	_____ Dollars				
	and _____ Cents	LF	100	_____	_____
507.4	Gates - Pedestrian				
	_____ Dollars				
	and _____ Cents	EA	1	_____	_____
507.6	New Residential Wooden Privacy Fence (6 ft. High)				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
509.1	Metal Beam Guard Rail _____ Dollars and _____ Cents	LF	100	_____	_____
511.3	Replacing with Hot Mix Asphaltic Concrete Pavement (3" Type D & 10" Type B); _____ Dollars and _____ Cents	SY	50	_____	_____
511.3	Replacing with Hot Mix Asphaltic Concrete Pavement (2" Type D & 6" Type B) _____ Dollars and _____ Cents	SY	50	_____	_____
515	Topsoil _____ Dollars and _____ Cents	CY	40	_____	_____
516.1	Bermuda Sodding _____ Dollars and _____ Cents	SY	90	_____	_____
516.2	St. Augustine Sodding _____ Dollars and _____ Cents	SY	90	_____	_____
518.1	Shrubs _____ Dollars and _____ Cents	EA	5	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
518.2	Landscaping/Flower Beds _____ Dollars and _____ Cents	SY	30	_____	_____
518.3	6" Tree _____ Dollars and _____ Cents	EA	1	_____	_____
518.4	3" Tree _____ Dollars and _____ Cents	EA	2	_____	_____
518.5	Native Mulch (Complete in Place) _____ Dollars and _____ Cents	CY	15	_____	_____
520.1	Hydromulching (Residential or Commercial) _____ Dollars and _____ Cents	SY	100	_____	_____
530.1	Barricades, Signs and Traffic Handling (1 per work order) _____ Dollars and _____ Cents	EA	3	_____	_____
535.1	4 Inch Wide Yellow Line _____ Dollars and _____ Cents	LF	20	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
535.2	4 Inch Wide White Line _____ Dollars and _____ Cents	LF	20	_____	_____
535.7	24 Inch Wide White Line _____ Dollars and _____ Cents	LF	20	_____	_____
537.6	Pavement Marker (Type I-C) _____ Dollars and _____ Cents	EA	10	_____	_____
537.8	Pavement Marker (Type II-A-A) _____ Dollars and _____ Cents	EA	10	_____	_____
550.1	Trench Excavation Safety Protection _____ Dollars and _____ Cents	LF	2,800	_____	_____
553	Storm Water Pollution Prevention Plan (SW3P) (1 per work order) _____ Dollars and _____ Cents	EA	5	_____	_____
799	Removal and Replacement of Speed Hump (Type II) (per each hump) _____ Dollars and _____ Cents	EA	4	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
805	Traffic Control Plan (1 per work order, if required)				
	_____ Dollars				
	and _____ Cents	EA	3	_____	_____
812	Adjust Waterline incl. Tie-Ins (6" Diameter)				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
812	Adjust Waterline incl. Tie-Ins (8" Diameter)				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
812	Adjust Waterline incl. Tie-Ins (12" Diameter)				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
812	Adjust Waterline incl. Tie-Ins (16" Diameter)				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
812	Adjust Waterline incl. Tie-Ins (20" Diameter)				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
812	Adjust Waterline incl. Tie-Ins (24" Diameter)				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
824	Adjust Water Service Line (3/4" or 1" Diameter) _____ Dollars				
	and _____ Cents	LF	25	_____	_____
824	Adjust Water Service Line (1.5" or 2" Diameter) _____ Dollars				
	and _____ Cents	LF	25	_____	_____
824	Adjust Water Service Line (3" or 4" Diameter) _____ Dollars				
	and _____ Cents	LF	25	_____	_____
828	6" Gate Valve _____ Dollars				
	and _____ Cents	EA	1	_____	_____
828	8" Gate Valve _____ Dollars				
	and _____ Cents	EA	1	_____	_____
828	12" Gate Valve _____ Dollars				
	and _____ Cents	EA	1	_____	_____
828	16" Gate Valve _____ Dollars				
	and _____ Cents	EA	1	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
830	20" Butterfly Valve _____ Dollars and _____ Cents	EA	1	_____	_____
830	24" Butterfly Valve _____ Dollars and _____ Cents	EA	1	_____	_____
833	Existing Meter and Meter Box Relocation _____ Dollars and _____ Cents	EA	2	_____	_____
836	Waterline Fittings (All Sizes and Types) _____ Dollars and _____ Cents	TON	1	_____	_____
848	8" PVC Gravity Sanitary Sewer Pipe (0'-6') _____ Dollars and _____ Cents	LF	250	_____	_____
848	8" PVC Gravity Sanitary Sewer Pipe (6'-10') _____ Dollars and _____ Cents	LF	100	_____	_____
848	8" PVC Gravity Sanitary Sewer Pipe (10'-14') _____ Dollars and _____ Cents	LF	50	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
848	10" PVC Gravity Sanitary Sewer Pipe (0'-6') _____ Dollars				
	and _____ Cents	LF	200	_____	_____
848	10" PVC Gravity Sanitary Sewer Pipe (6'-10') _____ Dollars				
	and _____ Cents	LF	100	_____	_____
848	10" PVC Gravity Sanitary Sewer Pipe (10'-14') _____ Dollars				
	and _____ Cents	LF	50	_____	_____
848	12" PVC Gravity Sanitary Sewer Pipe (0'-6') _____ Dollars				
	and _____ Cents	LF	250	_____	_____
848	12" PVC Gravity Sanitary Sewer Pipe (6'-10') _____ Dollars				
	and _____ Cents	LF	100	_____	_____
848	12" PVC Gravity Sanitary Sewer Pipe (10'-14') _____ Dollars				
	and _____ Cents	LF	50	_____	_____
848	15" PVC Gravity Sanitary Sewer Pipe (0'-6') _____ Dollars				
	and _____ Cents	LF	125	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
848	15" PVC Gravity Sanitary Sewer Pipe (6'-10')				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
848	15" PVC Gravity Sanitary Sewer Pipe (10'-14')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	18" PVC Gravity Sanitary Sewer Pipe (0'-6')				
	_____ Dollars				
	and _____ Cents	LF	125	_____	_____
848	18" PVC Gravity Sanitary Sewer Pipe (6'-10')				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
848	18" PVC Gravity Sanitary Sewer Pipe (10'-14')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	21" PVC Gravity Sanitary Sewer Pipe (0'-6')				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
848	21" PVC Gravity Sanitary Sewer Pipe (6'-10')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
848	21" PVC Gravity Sanitary Sewer Pipe (10'-14')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	24" PVC Gravity Sanitary Sewer Pipe (0'-6')				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
848	24" PVC Gravity Sanitary Sewer Pipe (6'-10')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	24" PVC Gravity Sanitary Sewer Pipe (10'-14')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	27" PVC Gravity Sanitary Sewer Pipe (0'-6')				
	_____ Dollars				
	and _____ Cents	LF	50	_____	_____
848	27" PVC Gravity Sanitary Sewer Pipe (6'-10')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	27" PVC Gravity Sanitary Sewer Pipe (10'-14')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
848	30" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (0'-6')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	30" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (6'-10')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	30" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (10'-14')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	33" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (0'-6')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	33" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (6'-10')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____
848	33" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (10'-14')				
	_____ Dollars				
	and _____ Cents	LF	25	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
848	36" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (0'-6') _____ Dollars				
	and _____ Cents	LF	15	_____	_____
848	36" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (6'-10') _____ Dollars				
	and _____ Cents	LF	15	_____	_____
848	36" Fiberglass Reinforced Gravity Sanitary Sewer Pipe (ASTM D3262) (10'-14') _____ Dollars				
	and _____ Cents	LF	15	_____	_____
850	Sanitary Sewer Structure, 6 ft. Diameter Type "B" Structure (0'-6') _____ Dollars				
	and _____ Cents	EA	1	_____	_____
850	Extra Depth, Type "B" Structure (>6' Depth) _____ Dollars				
	and _____ Cents	VF	5	_____	_____
850	Sanitary Sewer Structure, 8 ft. Diameter Type "C" Structure (0'-6') _____ Dollars				
	and _____ Cents	EA	1	_____	_____
850	Extra Depth, Type "C" Structure (>6' Depth) _____ Dollars				
	and _____ Cents	VF	5	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
851	Adjusting Existing Manholes _____ Dollars				
	and _____ Cents	EA	5	_____	_____
852.1	Sanitary Sewer Manhole, 4 ft. Diameter (0'-6') _____ Dollars				
	and _____ Cents	EA	5	_____	_____
852.1	Sanitary Sewer Manhole, 5 ft. Diameter (0'-6') _____ Dollars				
	and _____ Cents	EA	2	_____	_____
852.1	Sanitary Sewer Manhole, 6 ft. Diameter (0'-6') _____ Dollars				
	and _____ Cents	EA	1	_____	_____
852.2	Sanitary Sewer Drop Manhole, 4 ft. Diameter (0'-6') _____ Dollars				
	and _____ Cents	EA	1	_____	_____
852.2	Sanitary Sewer Drop Manhole, 5 ft. Diameter (0'-6') _____ Dollars				
	and _____ Cents	EA	1	_____	_____
852.2	Sanitary Sewer Drop Manhole, 6 ft. Diameter (0'-6') _____ Dollars				
	and _____ Cents	EA	1	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
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	10	_____	_____
852.3	Extra Depth Manholes, 6 ft. Diameter (>6')				
	_____ Dollars				
	and _____ Cents	VF	10	_____	_____
854	Sanitary Sewer Laterals				
	_____ Dollars				
	and _____ Cents	LF	300	_____	_____
854.1	Two-Way Sanitary Sewer Clean-out				
	_____ Dollars				
	and _____ Cents	EA	20	_____	_____
854.2	Licensed Plumber and CoSA Plumbing Permit (for Rerouting Yard Sewer Piping)				
	_____ Dollars				
	and _____ Cents	EA	2	_____	_____
855	Reconstruction of Existing Manhole				
	_____ Dollars				
	and _____ Cents	EA	5	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
856.1	Jacking, Boring, or Tunneling 24” _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.1	Jacking, Boring, or Tunneling 30” _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.1	Jacking, Boring, or Tunneling 36” _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.1	Jacking, Boring, or Tunneling 42” _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.2	8”-10” Carrier Pipe for Jacking, Boring, Tunneling _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.2	12” Carrier Pipe for Jacking, Boring, Tunneling _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.2	15” Carrier Pipe for Jacking, Boring, Tunneling _____ Dollars				
	and _____ Cents	LF	35	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
856.2	18" Carrier Pipe for Jacking, Boring, Tunneling _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.2	21" Carrier Pipe for Jacking, Boring, Tunneling _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.2	24" Carrier Pipe for Jacking, Boring, Tunneling _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.3	Casing or Liner 24" _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.3	Casing or Liner 30" _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.3	Casing or Liner 36" _____ Dollars				
	and _____ Cents	LF	35	_____	_____
856.3	Casing or Liner 42" _____ Dollars				
	and _____ Cents	LF	35	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
858	Concrete Encasement, Cradles, Saddles and Collars _____ Dollars				
	and _____ Cents	CY	60	_____	_____
860	Vertical Stacks _____ Dollars				
	and _____ Cents	VF	25	_____	_____
861	Yard Piping (Sewer, 4" or 6" Diameter) _____ Dollars				
	and _____ Cents	LF	100	_____	_____
862	Abandonment of Sanitary Sewer Main _____ Dollars				
	and _____ Cents	LF	500	_____	_____
862	Abandonment of Sanitary Sewer Manholes _____ Dollars				
	and _____ Cents	EA	5	_____	_____
863	Removal of Existing Manhole _____ Dollars				
	and _____ Cents	EA	1	_____	_____
864.1	Bypass Pumping System Initial Setup (24" Diameter Main) _____ Dollars				
	and _____ Cents	EA	1	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
864.1	Bypass Pumping System Initial Setup (27" Diameter Main) _____ Dollars and _____ Cents	EA	1	_____	_____
864.1	Bypass Pumping System Initial Setup (30" or 33" Diameter Main) _____ Dollars and _____ Cents	EA	1	_____	_____
864.1	Bypass Pumping System Initial Setup (36" Diameter Main) _____ Dollars and _____ Cents	EA	1	_____	_____
864.2	Bypass Pumping System Secondary Setup (24" Diameter Main) _____ Dollars and _____ Cents	EA	1	_____	_____
864.2	Bypass Pumping System Secondary Setup (27" Diameter Main) _____ Dollars and _____ Cents	EA	1	_____	_____
864.2	Bypass Pumping System Secondary Setup (30" or 33" Diameter Main) _____ Dollars and _____ Cents	EA	1	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
864.2	Bypass Pumping System Secondary Setup (36" Diameter Main) _____ Dollars				
	and _____ Cents	EA	1	_____	_____
864.3	Bypass Pumping (24" Diameter Main), per Length of Main to be Rehabilitated or Replaced _____ Dollars				
	and _____ Cents	LF	100	_____	_____
864.3	Bypass Pumping (27" Diameter Main), per Length of Main to be Rehabilitated or Replaced _____ Dollars				
	and _____ Cents	LF	100	_____	_____
864.3	Bypass Pumping (30" or 33" Diameter Main), per Length of Main to be Rehabilitated or Replaced _____ Dollars				
	and _____ Cents	LF	100	_____	_____
864.3	Bypass Pumping (36" Diameter Main), per Length of Main to be Rehabilitated or Replaced _____ Dollars				
	and _____ Cents	LF	100	_____	_____
865	Sewer Main Pre-Television Inspection (8" through 15" Diameter) _____ Dollars				
	and _____ Cents	LF	1,000	_____	_____

2013 Open Cut Sewer Work Order Construction Contract 1
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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
865	Sewer Main Pre-Television Inspection (18" through 24" Diameter); _____ Dollars				
	and _____ Cents	LF	350	_____	_____
865	Sewer Main Pre-Television Inspection (27" through 36" Diameter) _____ Dollars				
	and _____ Cents	LF	300	_____	_____
866	Sewer Main Post-Television Inspection (8" through 15" Diameter) _____ Dollars				
	and _____ Cents	LF	1,000	_____	_____
866	Sewer Main Post-Television Inspection (18" through 24" Diameter); _____ Dollars				
	and _____ Cents	LF	350	_____	_____
866	Sewer Main Post-Television Inspection (27" through 36" Diameter) _____ Dollars				
	and _____ Cents	LF	300	_____	_____
900.1	Pipe Bursting 8" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	130	_____	_____
900.1	Pipe Bursting 10" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	50	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
900.1	Pipe Bursting 12" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	50	_____	_____
900.1	Pipe Bursting 15" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	25	_____	_____
900.1	Pipe Bursting 18" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	25	_____	_____
900.1	Pipe Bursting 21" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	25	_____	_____
900.1	Pipe Bursting 24" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	20	_____	_____
900.1	Pipe Bursting 27" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	20	_____	_____
900.1	Pipe Bursting 30" Sanitary Sewer Pipe, all depths _____ Dollars				
	and _____ Cents	LF	20	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
900.1	Pipe Bursting 33" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	15	_____	_____
900.1	Pipe Bursting 36" Sanitary Sewer Pipe, all depths _____ Dollars and _____ Cents	LF	15	_____	_____
900.5	Upsizing of Main by Pipe Bursting (Greater than One Size), all sizes, all depths _____ Dollars and _____ Cents	LF	15	_____	_____
910.1	Manhole Rehabilitation (Standard Manholes 4 ft. in Diameter) _____ Dollars and _____ Cents	VF	15	_____	_____
910.2	Sewer Structure Rehabilitation (Non-circular Manholes and Manholes greater than 4 ft. in diameter) _____ Dollars and _____ Cents	SF	200	_____	_____
1000.1	Lift Station Decommissioning (150 gpm or less pumping capacity) _____ Dollars and _____ Cents	EA	1	_____	_____
1000.2	Lift Station Decommissioning (151 gpm to 500 gpm pumping capacity) _____ Dollars and _____ Cents	EA	1	_____	_____

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Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
1000.3	Lift Station Decommissioning (501 gpm to 1,000 gpm pumping capacity)				
	_____ Dollars				
	and _____ Cents	EA	1	_____	_____
4438	Flowable Fill				
	_____ Dollars				
	and _____ Cents	CY	50	_____	_____

Proposal Summary

TOTAL PRICE AMOUNT: \$ _____

RESPONDENT'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. _____

2013 Open Cut Sewer Work Order Construction Contract 1
Job No. 13-4502
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OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE PROPOSAL.

The respondent offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within 365 calendar days from notice to proceed date or until funds are exhausted, whichever comes first. **The respondent 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 Proposal which are included on the following pages.

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 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 2000 HR regular, with the required one inch thick application, is the only product yet approved which satisfies the requirement of applying the combination of both the cementitious coating and epoxy coating. Approved materials are as follows:

Cementitious coating: With required one inch thick application.

- Permacast CR-5000
- Strong - Seal MS-2C
- Standard Cement Material Inc. Reliner

- Quadex Aluminaliner

Epoxy coating: With specified thickness application.

- Raven 405 Series High Build Epoxy Liner: Required thickness 125 mils
- Spray Wall Polyurethane System: Required thickness 150 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.

910.8 Testing

Contractor shall perform testing for manhole rehabilitation – structural/low sulfate, and structural lining/moderate sulfate shall consist of the following:

1. Visually verify the absence of leaks.
2. Perform an exfiltration test.
 - a. For manholes 0 to 6 foot deep, if water loss is 1-inch or less in five minutes, manhole passes the exfiltration test.
 - b. For manholes over 6 foot deep, if water loss is 1-inch or less plus 1/8-inch per additional foot of depth in five minutes, manhole passes the exfiltration test.
3. Perform a vacuum test conforming to SAWS Standard Specifications for Construction, Item 852.4, at randomly selected manhole on every five manholes that are rehabilitated.
4. For every five (5) manholes that are rehabilitated, one manhole shall be inspected 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. If more than 20 percent (20%) of the manholes fail to pass any testing requirement, all manholes shall be vacuum tested and holiday tested as appropriate at no additional cost to 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.

NON-MANDATORY PRE-BID MEETING NOTES
2013 OPEN CUT SEWER WORK ORDER CONSTRUCTION CONTRACT 1
Job No. 13-4502
Solicitation No. B-13-025-DD

I. MEETING TIME/PLACE

- Thursday, May 9, 2013; 2:00 p.m.
- SAWS, Customer Service Building, Tower II, Conf. Rm. C137

II. INTRODUCTION AND SIGN-IN

Sandra L. Gomez, P.E., San Antonio Water System

III. PROJECT DISCUSSION

1. Contract is for construction and replacement of various unspecified sanitary sewer mains by open cut and pipe bursting construction methods.
2. Duration of the Contract is 365 Days or until funds are exhausted, whichever comes first.
3. Estimated cost is \$1 Million.
4. Bid Opening is May 16, 2013 at 10:30 a.m.
5. Liquidated damages are \$350 per day per work order.
6. Questions can be submitted to Diana Dwyer until 4 P.M. on May 9, 2013.
7. Answers to questions will be posted to web site by 4:00 PM on May 13, 2013, as part of an addendum.
8. This is an emergency type contract; 48 hr. mobilization response is required.
9. Mobilization will not be paid for separately; it will be subsidiary to other bid items.
10. Work orders may be issued on any side of town; projects are unspecified at this point.
11. Be familiar with SAWS standard specifications and specifications of this contract.
12. Work orders may be issued for open cut only, for pipe bursting only, or for a combination.
13. Qualification requirements are listed in the Supplemental Instructions to Respondents. Respondent's team must have successfully completed at least 3 sanitary sewer main (8-inch diameter and larger) projects by open cut construction method within the last five years; and successfully rehabilitated a minimum of 5,000 linear feet of sanitary sewer mains (8-inch diameter and larger) by pipe bursting/crushing method.
14. New requirements for manhole rings and covers required by SAWS are included in the Special Provision to Item 852 in the contract documents.
15. Bypass pumping pay items have been revised from what has been done on past work order contracts. Bypass pumping will be measured and paid for each initial bypass pumping system setup, for bypass pumping of main (based on linear feet of main being rehabilitated or replaced) and for each secondary bypass pumping system setup required (for main segments that are not contiguous within a work order).
16. Bypass pumping for mains less than 24-inches in diameter will not be paid for separately, but will be considered subsidiary to other bid items.

17. Payroll:
 - A. Sandra Rios will be the SAWS Certified Specialist for payroll.
 - B. In general specifications there are the prevailing wage requirements.
 - C. The actual wages that are to be paid under the contract are identified within the specifications.
 - D. Sandra Rios will be doing random site visits, approving contractor's payroll, and talking with contractor's employees in private and confidential to make sure correct wages are being paid and other requirements listed in the general specifications are being followed.
 - E. Contractor will be required to enter payroll once per week into the Labor Compliance Program. More information on how to access the system will be provided to the contractor once the project is awarded.
18. Request for Competitive Sealed Proposals:
 - A. This is a request for competitive sealed proposals and is not a low bid contract.
 - B. Instead of submitting the documents that would typically be submitted for low bid, a packet will need to put together (as outlined in the Supplementary Instructions to Respondents within the Specifications).
 - C. Statute allows for 45 days for SAWS review, but this contract will move rather quickly.
 - D. Packets will be given to a technical evaluation committee that will review them.
 - E. Technical evaluation committee will only score based on: background, experience, qualifications, project approach, safety, and quality control (excluding price and SMWB components).
 - F. Adding in price and SMWB components, the best value for SAWS will be chosen.
 - G. May not necessarily have the contractor with the lowest price chosen.
 - H. First page of Supplementary Instructions to Respondents for experience requirements: Respondent's team must have successfully completed at least 3 sanitary sewer main (8-inch diameter and larger) projects by open cut construction method within the last five years; and successfully rehabilitated a minimum of 5,000 linear feet of sanitary sewer mains (8-inch diameter and larger) by pipe bursting/crushing method.
 - I. A total of 30 points will be allotted for Background, Experience, and Qualifications. This section is a narrative; no form is included to fill out.
 - Provide organizational chart of staff, subcontractors and individual crew members.
 - Summarize the crew member's qualifications, licenses, certifications and relevant experience.
 - Provide a history of construction team's record of on-time completion for other work order type contracts.
 - Provide list of construction team's initiated change orders over \$10,000 within the past five years with a description of the reason for each change order.
 - Identify projects with experience similar to this contract, and provide information on project owner, project name, location, amount of the

- contract, linear feet, diameter of the pipe, superintendent, etc. as outlined in the Supplemental Instructions to respondents.
- SAWS may contact the references provided.
- J. A total of 25 points is allotted for Project Plan, Safety, and Quality Control. This section is also narrative; no form is included to fill out.
- Will need to include proposed construction progress schedule.
 - Will need to include handling (mobilization of) work orders as they are issued (within the 48 hour timeframe).
 - Include how it will be insured that there will be sufficient work force.
 - Include construction management approach in coordinating with SAWS, utilities, consultant, in order to meet deadlines for the work orders.
 - Identify ability for resolving any potential issues or unanticipated delays based on how you understand the scope of work and how schedule recovery would be achieved for that.
 - Include internal quality control program including proposed methods to ensure that it remains in place.
 - Also include OSHA forms that are outlined in the Supplemental Instructions to Respondents.
- K. A total of 35 points is allotted for Price.
- A formula is included inside Supplementary Instructions to Respondents to determine how points will be assigned.
 - The lower the price, the more points will be assigned.
- L. A total of 10 points is allotted for SMWB participation.
- For any questions regarding the SMWB portion, please contact Marisol Robles, SAWS SMWB Program Manager.
 - Contractor can contact Marisol up until the day before the proposals are due.
- M. When putting together packet, there is a 50 page limit. This limit excludes the cover page, Good Faith Effort Plan, Price Proposal, and any of the other required documents that are listed.
- N. One original and seven copies are to be submitted.
- O. A CD also needs to be submitted with packet. Price proposal does not need to be on CD.
- P. The original needs to be in a separate envelope or box from the copies. See proposal checklist included in the specifications.
- Q. When putting together narrative, do best to not provide cookie cutter responses. Be familiar with scope of work and describe what your firm or company would do in these circumstances.
19. Insurance is part of General Conditions in Section 5.7. Builder's Risk is not required for this project.
20. Contractor will need to be up to date and compliant on any other SAWS contracts.
21. Liquidated damages are per day per work order.
22. At least 40% of contractor's own crews must be used.
23. No late proposals will be accepted.
24. Anticipate awarding the project at the June Board meeting (June 4th).
25. Refer to Proposal checklist for all items required to be submitted.

IV. QUESTIONS DISCUSSED AT PRE-BID MEETING (NOT RECEIVED IN WRITING BY SAWS)

1. Have any plans for anything specific?
No.
2. Is this a regular IDIQ contract?
Yes
3. Regarding bypass pumping, if there is a group of two or three mains in in area, what is going to encompass that distance, how far will it go?
Bypass pumping will be measured and paid for each initial bypass pumping system setup, for bypass pumping of main (based on linear feet of main being rehabilitated or replaced) and for each secondary bypass pumping system setup required (for main segments that are not contiguous within a work order).
4. Regarding the 5,000 linear footage requirement for pipe bursting, is that company related or personnel related?
The requirement is for the Respondent's team.
5. If you have employees that work for the company that have experience that exceeds the 5,000 linear feet required, but the company itself does not, will the company will considered in compliance with that requirement?
Yes

V. CLOSING COMMENTS

- Submit questions in writing by 4:00 PM (CST) on May 9, 2013 to Diana Dwyer at Diana.Dwyer@saws.org. Questions regarding the content or interpretation of the Bid Documents must be submitted in writing to be considered valid and to elicit a response.
- Bids are due no later than 10:30 AM, May 16, 2013 at The Contract Administration Division, 2800 U.S. Hwy 281 North, Customer Center Building, Suite 171, San Antonio, Texas 78212.
- Bids will be publicly opened and read aloud by the SAWS Contract Administration Division in Conference Suite 169, SAWS Customer Center Building.