

SAN ANTONIO WATER SYSTEM

Addendum No. 1

To

Construction Documents

For

2014 WATER & SEWER CONSTRUCTION PACKAGE I

SAWS WATER JOB NO. 14-5017

SAWS SEWER JOB NO. 14-5517

Solicitation # B-14-024-RA

To Bidder of Record:

This addendum, applicable to the work designed above, is an amendment to the bidding documents and as such shall be a part of and included in the Contract. The original contract documents and any prior addenda remain in full force except as modified by the following that shall take precedence of any contrary provisions in prior documents.

1. PRE-BID ATTENDANCE LIST:

The attendance list for the August 1, 2014, Mandatory Pre-Bid Meeting held at 2 P.M. in room CR-C145 is reproduced below. Bids will only be accepted from those firms that attended this meeting.

Company Name
1. Texas Sterling
2. D. Guerra Construction
3. National Power Rodding Corp.
4. San Antonio Constructors, Ltd.
5. Bartek Construction
6. IPR/PM
7. Facilities Rehabilitation
8. Prota Construction
9. Terra Testing
10. Pronto Sandblasting & Coating & Oil-Field Service Co.
11. R.L. Jones, LP
12. D & D Contractors, Inc.
13. Atlas Construction

2. BIDDING AND CONTRACT DOCUMENTS:

A) Attached is the revised bid proposal with the following bid items removed:

- 1) Bid Proposal: Remove Item 68s, Sewer Line Point Repair (6"-12") (0'-14' cut).
- 2) Bid Proposal: Remove Item 69s Sewer Line Point Repair (15'-24") (0'-14' cut).
- 3) Bid Proposal: Remove Item 35sa Sewer Line Point Repair (6'-12") (0'-14' cut).

B) Attached is the revised bid proposal with the following bid items added:

- 1) Bid Proposal: Add Item (818) 30" DI Waterline (Restrained) (0'- 9' Cut)
- 2) Bid Proposal: Add Item (818) 30" DI Waterline (Restrained) (9'- 14' Cut)

2014 WATER & SEWER CONSTRUCTION PACKAGE I

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- 3) Bid Proposal: Add Item (832.0) 30"x16" Tapping Sleeve and Valve
 - 4) Bid Proposal: Add Item (840.0) 30" Water Tie-In.
 - 5) Bid Proposal: Add Item (3100) 16" Temporary Waterline
 - 6) Bid Proposal: Add Item (4000) Hydro Stop (30")
- C) Attached is the specification for item 4000, Hydro Stop:
D) The revised estimated construction cost is \$2,179,031.41.
E) Attached are the revised project maps.

Response to Bidders Questions

Q1 I wanted to verify there are no plans needed for any of the 2014 Water and Sewer Construction Packages 1-4 per the postings on the website, thank you.

A1: No plans will be provided at this time. Plans will be issued prior to the individual work order per project.

Q2 Although I am able to view the specifications on your website I am unable to view the drawings/plans for the 2014 SAWS Water and Sewer Construction Packages 1, 2, 3 and 4, for SAWS Job No.(s) Water: 14-5017 & Sewer: 14-5517.

A2: No plans will be provided at this time. Plans will be issued prior to the individual work order per project.

Q3 We downloaded the specs & plans and I was curious if there is a format of the bid proposal forms for each package that I can just fill in the blanks and print. I tried converting package into a word document, but when it came to the bid proposal the format on certain pages changed up from original and/or there were missing lines. I am hoping to avoid having to manually type forms on typewriter and/or hand write each one out.

A3: Updated bid proposal is attached.

Q4 On bid item 98W, 99W & 65WA these items are for water leak repairs. Is it SAWS intent to issue a work order for a leak repair only or will this be used only if a leak occurs on existing water main on a work order already issued?

A4: Based on the nature of work required for a specific project, additional work may be issued for a water leak repair near a project site. Work orders assigned can involve major work or minor adjustments.

Q5 Same question on the Sewer bid items 67S, 68S & 35SA for point repairs. Will this item be used only if an existing sewer line collapses on a work order that has already been issued or will point repairs be issued as the only work on an independent work order only?

A5: All sewer point repair bid items will be removed from the bid document and a new bid proposal will be issued within the addendum.

Q6 What is the anticipated time frame for these bid packages to be awarded and construction ready to kick off on these projects?

A6: Typical time between award of a contract and authorization to proceed may be up to 2-3 months.

Q7 Are the Sewer bid items 37S, 38S, 39S, 71S, 72S & 73S to be paid for only on existing sewer manholes or on new manholes?

A7: Please refer to recent SAWS construction specification (April 2014) for clarification.

Q8 The same questions as previously asked. Will work orders be issued for manhole rehabilitation only or as part of large work orders to install new sewer lines?

A8: Work orders assigned can involve major work or minor adjustments.

Q9 Under Special Conditions SC-5, will SAWS accept a list such as (1) Foreman, (2) Operators and (4) Laborers as a detailed description of the available crews for these projects?

A9: Full disclosure of all employees (names, positions, etc.) related to crews is required.

Q10 Lab & Density Testing is the responsibility of the Contractor but due to undefined locations of construction and the short time frame between a work order being issued and the time required for us to start there is no ability to generate a Proctor so that we can take densities once backfilling takes place. Under a normal procedure digging would take place, a proctor is sent off and minimum 5 days is necessary to get results, then densities for backfill/compaction can be taken. Will you consider paying for flowable fill for repairs under pavement to circumvent this logistical problem? Otherwise we have to plate and come back later to backfill & take densities.

A10: Standard construction methods will be utilized. The use of flowable fill will only be considered at the request of the governing agency (i.e. TxDOT, Bexar County, CoSA, etc.) based on the permits issued.

Q11 If the material encountered during excavation of a work order is unsuitable and select backfill material is required, will the City pay for it?

A11: The use of any foreign material (i.e. select fill, flowable fill, etc.) will only be considered at the request of the governing agency (i.e. TxDOT, Bexar County, CoSA, etc.) based on the permits issued. Payment will be made by SAWS only.

Q12 Because the time and length of Work Order is undefined, it is impossible for us to determine how long a Bypass Operation will be needed, can you add a measureable length of time as a pay item? Example per week respectively for 8", 15", etc.?

A12: The duration of an individual work order based on a specific project will be clearly defined. Bypass Operations will be required for the completion sewer work.

Q13 SAWS Spec for generating ByPass Plans (864.3) requires Flow Data two weeks in advance of work beginning and contract doc's aren't providing any so presumable Contractor must provide. Will Contractor be given enough time in advance to flow meter a work order location in order to generate the info ad subsequent ByPass Plan? Will the City consider adding a pay item for Flow Metering?

A13: Bypass Operations are determined by the contractor per work order based on the agreed construction schedule. Flow data may be provided based on the complexity of a project. Otherwise, the contractor is to determine the required flows within the Bypass Pumping Plan (BPP). No additional payment for flow metering will be considered.

Q14 Spec Item 1103.4 1.d – Payment for Point Repair, it states “No payment will be done for a Point Repair if it falls within the limits of a service lateral reconnection” per my interpretation if a Point Repair work order is given unknowingly that there is a service lateral reconnection at that location then only the Service Lateral reconnection will be paid, not the Point Repair?

A14: The bid item for point repair has been eliminated from this bid document.

Q15 Is Bypassing incidental to the Service Lateral Reconnection?

A15: Any bypass pumping is incidental to installation of the service laterals as required to complete the work.

The remainder of the bid documents remains unchanged.

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.



A handwritten signature in black ink, appearing to read "Manuel Antonio Leyva".

M. Antonio Leyva, P.E.
Manager
SAWS Governmental Engineering

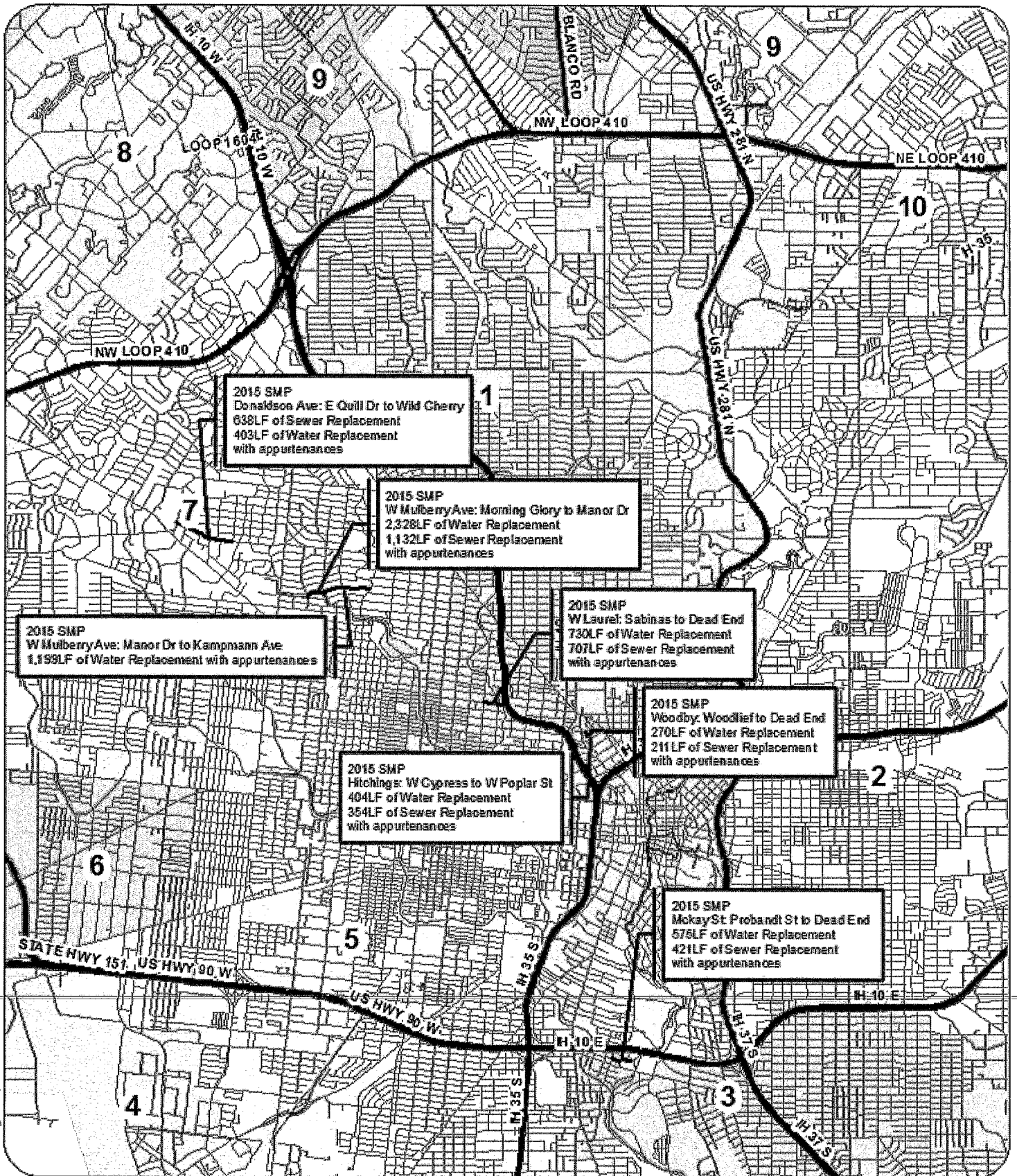
8/8/2014

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



August 6, 2014



**2015 STREET MAINTENANCE PROGRAM
MP - 1**

Alter Map 2015-2016-1 amp July 14, 2014

2015 AMP
Alley #4
Barbara & Shannon Lee: W Skipper Dr to E Skipper Dr
1,330LF of Water Replacement
1,292LF of Sewer Replacement
with appurtenances

2015 AMP
Alley #15
Shannon Lee & Sharon Dr: W Skipper Dr to E Skipper Dr
1,265LF of Water Replacement
1,195LF of Sewer Replacement
with appurtenances

2015 AMP
Alley #50
Mary Louise & Furr Dr: San Antonio Ave to Fredericksburg Rd
395LF of Water Replacement
420LF of Sewer Replacement
with appurtenances

2015 AMP
Alley #10
W Hollywood Ave & W Lynwood: Belknap St to Howard St
525LF of Water Replacement
600LF of Sewer Replacement
with appurtenances

2015 AMP
Alley #7
W Summit & W Agarita Ave: N Flores St to Breeden St
475LF of Sewer Replacement with appurtenances

2015 AMP
Alley #46
Waverly & Kentucky Ave: Rouse to Neff Ave
310LF of Water Replacement with appurtenances

2015 AMP
Alley #8
E Locust & E Myrtle: McCullough Ave to Paschal
502LF of Sewer Replacement with appurtenances

2015 AMP
Alley #40
S Zaramora St & S Rosillo: W Cesar Chavez Blvd to San Luis St
275LF of Sewer Replacement with appurtenances

2015 AMP
Alley #33
IH 10E Access Rd & Drexel Ave: S Mittman St to Walters St
615LF of Sewer Replacement with appurtenances

2015 AMP
Alley #34
Kayton & E Highland Blvd: Flowers to S Mittman St
340LF of Water Replacement
360LF of Sewer Replacement
with appurtenances

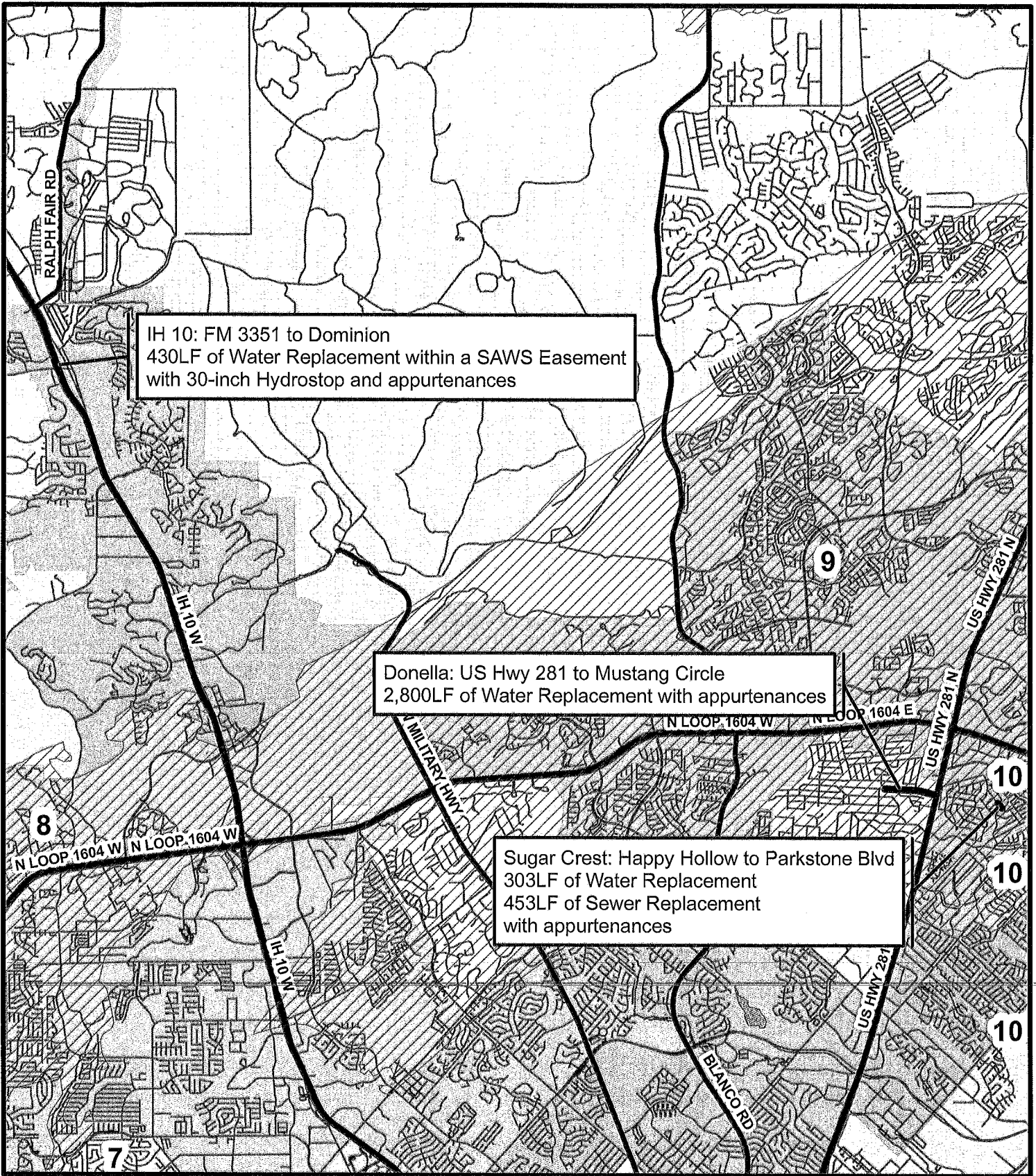
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2015 ALLEY MAINTENANCE PROGRAM MP-2



August 6, 2014



**2015 AGENCY PROJECTS
MP-3**



ITEM NO. 4000
SPECIFICATIONS FOR
USING HYDRO STOP TO ISOLATE AN ACTIVE WATER MAIN

1.1 SCOPE:

Under this item Contractor shall furnish all labor, materials, supervision and equipment to properly install a Hydro Stop into an existing ductile iron water main in accordance with these specifications.

1.2 DESCRIPTION OF PROCEDURE:

The Hydro Stopping procedure is a means of temporarily plugging a pressurized pipe without disrupting pressure or service upstream of the Hydro Stop. A Pressure Tap is first made into the main, allowing insertion of the Hydro Stop plugging special Hydro Stop fitting, the temporary valve can be later recovered after the plugging head has been removed from the main. The sequence consists of sixteen steps, two of which must be accomplished prior to placing orders for Hydro Stop materials.

1.2.1 For Ductile iron pipe - determine from engineering, and/or manufacturers' records:

(a) make, (b) specification, (c) age, (d) cross sectional dimensions.

1.2.2 Prior to ordering material: Excavate, dewater, expose and clean the exterior of the main at location of Tap(s). If main is heavily corroded; or if utilities will interfere with fittings, support/reaction blocking, or equipment; move location up or downstream to structurally sound pipe.

- a. Caliper O.D. of all mains to determine ovality.
- b. Verify wall thickness and interior condition.
- c. Backfill, restore as necessary.

1.2.3 Upon fitting delivery, re-excavate; dewater. Assemble split Hydro Stop fitting(s) to the main.

1.2.4 Pressure test per Engineer's specs.

1.2.5 Pour concrete support and reaction blocking. Allow to cure per Engineer's instructions.

1.2.6 Mount temporary tapping valve(s) to Hydro Stop fitting(s).

1.2.7 Mount tapping machine; open valve; pressure tap; retract cutter; close temporary valve, remove tapping machine.

1.2.8 Mount Hydro Stop machine, open temporary valve; insert Hydro Stop plugging head into main.

- a. If two or more Hydro Stops; insert downstream plugging head first.
- b. *NOTE: No flow in main greater than 1 fps for a single (3 fps for a double) at time plugging head is inserted into main.*

1.2.9 Test for shutdown at drain nozzle.

1.2.10 Cut downstream main. Install required fittings.

1.2.11 Retract Hydro Stop plugging head(s) close temporary valve. Remove Hydro Stop machine.

1.2.12 Install completion machine; open valve.

1.2.13 Insert completion plug into nozzle of Hydro Stop fitting.

1.2.14 Remove completion machine and temporary valve.

1.2.15 Repeat Par. 1.1.12 thru 1.1.14 at other Hydro Stop fittings(s).

1.2.16 Install blind flange(s) into nozzle of Hydro Stop fitting(s) and into drain fitting(s).

1.2 INTERRUPTION OF FLOW:

The existing mains cannot be shut down or taken out of service. To insure that the entire operations shall be accomplished without interruption of water service or flow, the installation shall be accomplished by Contractor personnel skilled and experienced in the procedures specific to Hydro Stop of this size.

1.3 REDUCTION OF PRESSURE:

The entire operation of making the Tap(s) shall be accomplished with the line pressure operating at no more than the safety limit established by mathematical calculation of the hoop stress of the unsupported cylinder with the reinforcing (pre-stressed) wires removed. A safety factor of 80% of yield is normally used. This calculation will determine the maximum operating pressure at the time of the material installation and the Tap.

1.4 PRELIMINARY FIELD INSPECTION OF MAINS:

Dimensional, specification, and other data regarding the existing mains have been taken from records, many of which are old and/or inadequate. These data have not been verified by field inspections. Many of these mains consist of very old concrete pipe which may contain dimensional and structural flaws. In addition, it is anticipated that exterior main conditions, service connections, or presence of adjoining utilities may require relocation of proposed Taps.

1.4.1 It is necessary to know the exact main O.D. diameter before Hydro Stopping fittings can be manufactured.

1.4.2 Prior to ordering material, Contractor shall excavate at each proposed location and caliper the header O.D. along at least four (4) diameters to determine ovality.

1.4.3 Contractor shall determine main wall thickness, uniformity and structural integrity by means of ultrasonic testing. Data shall be submitted to Engineer.

1.4.4 If, in Engineer's opinion, the proposed location is unsatisfactory he will direct excavation at another site. Excavating, dewater, inspections, backfill and restoration will be separate pay items.

1.5 HYDRO STOP FITTING AND ACCESSORIES, DUCTILE IRON:

Fitting shall be full encirclement type, split tee. It shall consist of three steel weldments; (1) an upper flange saddle plate and (2) a lower saddle plate/or straps and (3) tapping flange and nozzle with gland sealing against water main.

1.5.1 Material Drawings: Contractor shall submit to Engineer five (5) sets of drawings, furnished by manufacturers, fully and distinctly illustrated and describing the tapping fittings proposed to be furnished.

~~**1.5.2** General: Manufacturer will exercise extreme care to insure that weldments are of adequate strength,~~ properly shaped, securely reinforced and free from distortion that could stress the ductile iron main or its internal steel cylinder during pressure tapping.

1.5.3 Steel Weldments: All steel shall meet the requirements of ASTM A36, as a minimum. All weldments shall be braced and stress relieved.

1.5.4 Gaskets: Shall be molded from elastomer compounds that resist compression setting and are compatible with drinking water in the 32 to 140 deg. F temperature range.

1.5.5 Upper Flange Saddle Plate Assembly: Shall consist of a saddle plate, an anchor flange, and a cylindrical anchor neck (or nozzle).

- a. Saddle plate shall be of 0.375" minimum thickness and shaped to concentric to the outside of the ductile iron main. Grout hoppers shall be provided equally spaced across the saddle plate.
- b. A cylindrical anchor neck of 0.375" min. wall thickness shall be securely welded to the saddle plate.
- c. A 1.25" thick anchor flange shall be drilled and tapped to allow attachment of the gland assembly. The anchor flange shall be securely welded to the anchor neck.
- d. Two sets of gaskets shall be provided to retain the grout between the saddle plate and the outer coating of the ductile iron main. One gasket will be placed second will lie immediately outside the neck.

1.5.6 Lower Saddle Plate: The lower saddle plate/straps opposite the tapping nozzle) shall be shaped to fit the contours of the outer coating of the ductile iron pipe.

1.5.7 Hydro Stop Flange And Nozzle Assembly: This weldment shall consist of the Hydro Stop flange and nozzle welded to a gland which shall seal against the internal cylinder in the concrete pipe.

- a. The flange shall be drilled to match the anchor flange and Class 125 (ASA B 16.1-1960) Flange shall also have locking pins built into retain the completion plug.
- b. Minimum wall thickness of nozzle shall be 0.375".
- c. The gland shall seal to the exterior of the cylinder by means of an elastomer gasket confined in a steel retainer ring. This retainer shall be shaped by manufacturer to conform to the contour of the ductile iron main. Contractor shall provide manufacturer with a template prepared from a section of the main at the locations where the Tap is to be installed.

1.5.8 Completion Plug: The completion plug shall be machined from a stress relieved carbon steel weldment. It shall contain two (2) circumferential grooves: one to receive the locking devices from the Hydro Stop flange, and the second to contain a compressible "O" ring to seal pressure tight against the bore of the flange.

1.5.9 Blind Flange: The Hydro Stop fitting shall be closed with a blind flange. Facing and drilling of the blind flange shall be compatible with that of the Hydro Stop flange. Minimum blind flange thickness shall be that of AWWA Spec. 207, Class D.

1.5.10 Gaskets: Shall be molded from elastomer compounds that resist compression setting and are compatible with water in the 32 to 140 deg. F temperature range.

1.6 INSTALLATION OF HYDRO STOP FITTING, DUCTILE IRON PIPE:

Note: Ductile Iron Water Main shall have been exposed and inspected by Contractor prior to ordering Hydro Stop fitting. Contractor shall power wire brush and grind the exterior of the main to remove any debris, corrosion deposits, or other surface irregularities that might interfere with proper seating and sealing of each tapping fitting against each main. Any structural defects in main, service connections appurtenances, adjacent utilities, etc. that could interfere with tapping installation shall be immediately reported to Engineer.

1.6.1 Inspection: Contractor shall fit upper and lower saddle assemblies to main, thoroughly checking for proper fit to main.

~~**1.6.2 Assembly to Main:** Under no circumstances shall Contractor attempt to force, reshape or bend saddle plates by excessive tightening of saddle studs while Hydro Stop fitting is assembled around the main.~~

- a. Any retrofitting shall be accomplished with the fitting removed from the main.
- b. Any damage to fitting, accessories, or main shall be repaired at Contractor's expense to the satisfaction of Engineer.

1.6.3 Assemble of Saddle: Upper and lower saddle assembly shall be drawn up against the main to compress gaskets.

- a. The exterior surface of the nozzle half of the main be wetted thoroughly by pouring water into the grout hoppers.

1.6.4 Grouting: Grouting material shall be a rich, high early strength, non-shrink, Portland cement mixture. Its consistency shall be fluid enough to allow it to flow between the saddle plate and the surface of the main.

- a. Upper saddle plate shall be grouted by pouring mixture into grout hoppers and vibrating saddle plate to eliminate air pockets.
- b. After grout has taken initial set, draw studs shall be tightened as necessary.

1.6.5 Hydro Stop Flange/Nozzle Gland Assembly: Contractor shall thoroughly clean and prepare the surface of the ductile iron water main to insure a pressure-tight seal to the gland gasket. Surface imperfections such as weld seams shall be carefully filed.

1.6.6 Pressure Test: Using a tapped blind flange, Contractor shall pressure test the Hydro Stop fitting to verify satisfactory gland seal. Test pressure shall not exceed recommended amount to avoid collapsing the ductile iron water main.

1.6.7 Nozzle Grouting: The entire volume between the Hydro Stop nozzle and the anchor neck shall be filled with grouting material. Contractor shall vibrate the nozzle to eliminate air pockets.

- a. Nozzle grout must thoroughly set before mounting temporary valve.

1.7 THRUST AND SUPPORT BLOCKING:

Prior to mounting temporary valve and pressure tapping machinery, Contractor shall install concrete thrust and support blocking as shown on the plans. Blocking shall reach a minimum cure strength specified by Engineer before any valves or machinery shall be mounted onto the Hydro Stop fitting.

1.8 CUTTING OPERATION:

Drilling equipment shall be in good condition, and equipped with power drive to insure smooth cutting and to minimize shock and vibration. Cutting equipment shall be carbide tipped and capable of being renewed without removal from jobsite.

1.8.1 Tapping Equipment: Shall be mounted and blocked to temporary valve and the entire assembly pressure tested.

- a. Upon acceptance from Engineer the Pressure Tap may be performed.
- b. Upon completion of Tap, machine shall be retracted, with coupon, into its housing, temporary valve closed and equipment removed.

1.9 HYDRO STOP MACHINERY:

The equipment shall consist of a folding plugging head that contains an elastomer sealing element. The plugging head is advanced into and from the main by means of a linear actuator. When retracted, the plugging head and carrier are housed in an adapter, bolted pressure tight between the tapping valve and the actuator.

~~**1.9.1 Plugging Head:** The diameter of the plugging head shall be the same as the pipe size. Plugging head shall open mechanically and sealing element is in full contact with the bore of the main when fully seated.~~

1.9.2 Sealing Element: The element shall be monolithically molded from a suitable polyurethane compound. The element shall be flat in a plane perpendicular to the flow in the main and seal against the I.D. of the main when plugging head is in the full open position.

2.1 COMPLETION:

The completion of the Hydro Stopping shall include the installation of the Completion Plug (1.5.9) and a Blind Flange (1.5.10).

2.1.1 Completion Plug: Test of completion plug (1.5.9) sealing shall be accomplished through bleed-off in machinery housing.

2.1.2 Removal: Temporary valve shall be removed and installation of blind flange shall be completed.

3.0 COMPENSATION:

Payment for Hydro Stop is made per unit price bid and shall include complete installation and restoration of the water main to service.

BID PROPOSAL

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

Enclosed with this bid are (1) Bid Bond, and (2) Statement of Bidder's Experience, (3) Good Faith Effort Plan and (4) Conflict of Interest Questionnaire in accordance with the Instructions to Bidders. It is understood that all proposals submitted without these items and proper acknowledgement of all addenda herein may be rejected.

The duration of this Water & Sewer Construction Contract is 730 calendar days or until funds are exhausted, whichever comes first, from issuance of the Authorization to Proceed. Schedules and duration for individual work orders shall be established on a case by case basis. A work order can be issued for any amount of sewer or water work.

Quantities shown are approximate and the bid items listed represent items required over the duration of the contract. All items and quantities within the bid proposal are estimated and are not guaranteed by SAWS to be used under this contract. Work order quantities will be provided when each individual work order is issued.

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 project as specified, in accordance with the Plans and Specifications for the following prices to wit:

BASE BID:

General Water Bid Items

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
1 w	(103) Remove Concrete Curb _____ Dollars				
	and _____ Cents	LF	90	\$ _____	\$ _____
2 w	(103) Remove Sidewalks & Driveways _____ Dollars				
	and _____ Cents	SF	90	\$ _____	\$ _____

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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
3 w	(103) Remove Miscellaneous Concrete _____ Dollars and _____ Cents	SF	45	\$ _____	\$ _____
4 w	(203) Tack Coat _____ Dollars and _____ Cents	GA	30	\$ _____	\$ _____
5 w	(205) Hot Mix Asphaltic Pavement-Type D (2" Compacted Depth) _____ Dollars and _____ Cents	SY	1500	\$ _____	\$ _____
6 w	(205) Hot Mix Asphaltic Pavement-Type C (3" Compacted Depth) _____ Dollars and _____ Cents	SY	40	\$ _____	\$ _____
7 w	(206) Asphalt Treated Base (10" Compacted Depth) _____ Dollars and _____ Cents	SY	1200	\$ _____	\$ _____
8 w	(206) Asphalt Treated Base (4" Compacted depth) _____ Dollars and _____ Cents	SY	50	\$ _____	\$ _____
9 w	(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (2") _____ Dollars and _____ Cents	SY	60	\$ _____	\$ _____
10 w	(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (3") _____ Dollars and _____ Cents	SY	40	\$ _____	\$ _____

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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
11 w	(413) Flowable Fill _____ Dollars and _____ Cents	CY	200	\$ _____	\$ _____
12 w	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter _____ Dollars and _____ Cents	LF	90	\$ _____	\$ _____
13 w	(502) Concrete Sidewalks _____ Dollars and _____ Cents	SY	24	\$ _____	\$ _____
14 w	(502) Concrete Wheelchair Ramp _____ Dollars and _____ Cents	SY	20	\$ _____	\$ _____
15 w	(503) Portland Cement Concrete Driveway _____ Dollars and _____ Cents	SY	24	\$ _____	\$ _____
16 w	(503) Portland Cement Concrete Driveway - Commercial _____ Dollars and _____ Cents	SY	24	\$ _____	\$ _____
17 w	(505) Concrete Riprap (5" Thick) _____ Dollars and _____ Cents	SY	8	\$ _____	\$ _____
18 w	(506) Concrete Retaining Walls – Combination Type _____ Dollars and _____ Cents	CY	4	\$ _____	\$ _____

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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
19 w	(515) Topsoil _____ Dollars and _____ Cents	CY	20	\$ _____	\$ _____
20 w	(516) Bermuda Sodding _____ Dollars and _____ Cents	SY	40	\$ _____	\$ _____
21 w	(516) St. Augustine Sodding _____ Dollars and _____ Cents	SY	40	\$ _____	\$ _____
22 w	(550) Trench Protection _____ Dollars and _____ Cents	LF	2700	\$ _____	\$ _____
23 w	(818) 6" PVC Waterline (Restrained) (0'-6' Cut) _____ Dollars and _____ Cents	LF	150	\$ _____	\$ _____
24 w	(818) 6" PVC Waterline (Restrained) (6'-14' Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
25 w	(818) 8" PVC Waterline (Restrained) (0'- 6' Cut) _____ Dollars and _____ Cents	LF	1350	\$ _____	\$ _____
26 w	(818) 8" PVC Waterline (Restrained) (6'- 14' Cut) _____ Dollars and _____ Cents	LF	120	\$ _____	\$ _____
27 w	(818) 12" PVC Waterline (Restrained) (0'- 6' Cut) _____ Dollars and _____ Cents	LF	450	\$ _____	\$ _____

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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
28 w	(818) 12" PVC Waterline (Restrained) (6'- 14' Cut) _____ Dollars and _____ Cents	LF	120	\$ _____	\$ _____
29 w	(818) 16" PVC Waterline (Restrained) (0'- 6' Cut) _____ Dollars and _____ Cents	LF	240	\$ _____	\$ _____
30 w	(818) 16" PVC Waterline (Restrained) (6'- 14' Cut) _____ Dollars and _____ Cents	LF	60	\$ _____	\$ _____
31 w	(818) 24" PVC Waterline (Restrained) (0'- 8' Cut) _____ Dollars and _____ Cents	LF	150	\$ _____	\$ _____
32 w	(818) 24" PVC Waterline (Restrained) (8'- 14' Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
33 w	(818) 30" DI Waterline (Restrained) (0'- 9' Cut) _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____
34 w	(818) 30" DI Waterline (Restrained) (9'- 14' Cut) _____ Dollars and _____ Cents	LF	25	\$ _____	\$ _____
35 w	(822) Short Yard Piping _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____

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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
36 w	(822) Long Yard Piping _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____
37 w	(824) Reconnect ¾ " Short Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
38 w	(824) Reconnect ¾ " Long Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
39 w	(824) Relay ¾" Short Service _____ Dollars and _____ Cents	EA	40	\$ _____	\$ _____
40 w	(824) Relay ¾" Long Service _____ Dollars and _____ Cents	EA	40	\$ _____	\$ _____
41 w	(824) Relay 1" Short Service _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
42 w	(824) Relay 1" Long Service _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
43 w	(824) Relay 1-1/2" Short Service _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
44 w	(824) Relay 1-1/2" Long Service _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
45 w	(824) Relay 2" Short Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
46 w	(824) Relay 2" Long Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
47 w	(824) New 3/4" Short Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
48 w	(824) New 3/4" Long Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
49 w	(824) New 3/4" Short Unmetered Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
50 w	(824) New 3/4" Long Unmetered Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
51 w	(824) Relocate 3/4" Short Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
52 w	(824) Relocate 3/4" Long Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
53 w	(824) Relocate 1" Short Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
54 w	(824) Relocate 1" Long Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
55 w	(824) Customer Shut-off Valve _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
56 w	(826) Valve Box Adjustment _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
57 w	(828) 6" Gate Valve _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
58 w	(828) 8" Gate Valve _____ Dollars and _____ Cents	EA	10	\$ _____	\$ _____
59 w	(828) 12" Gate Valve _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
60 w	(828) 16" Gate Valve _____ Dollars and _____ Cents	EA	3	\$ _____	\$ _____
61 w	(830) 24" Butterfly Valve _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
62 w	(831) 6" x 6" Tee Cut-In _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
63 w	(831) 8" x 6" Tee Cut-In _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
64 w	(831) 8" x 8" Tee Cut-In _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
65 w	(832) 12" x 8" Tapping Sleeve & Valve _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
66 w	(832) 16" x 8" Tapping Sleeve and Valve _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
67 w	(832) 30" x 16" Tapping Sleeve and Valve _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
68 w	(833) Existing Meter & Meter Box Relocation _____ Dollars and _____ Cents	EA	15	\$ _____	\$ _____
69 w	(833) Existing Meter & New Meter Box Relocation _____ Dollars and _____ Cents	EA	15	\$ _____	\$ _____
70 w	(833) New Meter Box _____ Dollars and _____ Cents	EA	15	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
71 w	(834) Fire Hydrant _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
72 w	(836) Pipe Fittings, All Sizes & Types _____ Dollars and _____ Cents	TN	3.75	\$ _____	\$ _____
73 w	(840) 6" Water Tie-Ins _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
74 w	(840) 8" Water Tie-Ins _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
75 w	(840) 12" Water Tie-Ins _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
76 w	(840) 16" Water Tie-Ins _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
77 w	(840) 20" Water Tie-In _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
78 w	(840) 24" Water Tie-Ins _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
79 w	(840) 30" Water Tie-In _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
80 w	(841) Hydrostatic Testing _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
81 w	(844) 2" Blow-off, Temporary _____ Dollars and _____ Cents	EA	6	\$ _____	\$ _____
82 w	(844) 2" Blow-off, Permanent _____ Dollars and _____ Cents	EA	3	\$ _____	\$ _____
83 w	(844) 4" Blow-off Permanent _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
84 w	(844) 4" Blow-off Temporary _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
85 w	(846) 1" Air Release Valve _____ Dollars and _____ Cents	EA	3	\$ _____	\$ _____
86 w	(846) 2" Air Release Valve _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
87 w	(856) 18" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
88 w	(856) 24" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
89 w	(856) 30" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
90 w	(856) 36" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
91 w	(856) 42" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
92 w	(856) Jack, Boring and Tunneling 18" - 24" Casing (0' - 6' depths) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
93 w	(856) Jack, Boring and Tunneling 18" - 24" Casing (greater than 6' depths) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
94 w	(856) Jack, Boring and Tunneling 30" - 42" Casing (0' - 8' depths) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
95 w	(856) Jack, Boring and Tunneling 30" - 42" Casing (greater than 8' depths) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
96 w	(856) 6" Carrier Pipe _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
97 w	(856) 8" Carrier Pipe _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
98 w	(856) 12" Carrier Pipe _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
99 w	(856) 16" Carrier Pipe _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
100 w	(856) 24" Carrier Pipe _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
101 w	(858) Concrete Encasement, Cradles, Saddles and Collars _____ Dollars and _____ Cents	CY	10	\$ _____	\$ _____
102 w	(1020) Water Main Break/Leak Repairs (6"-12") _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
103 w	(1020) Water Main Break/Leak Repairs (16"-24") _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
104 w	(3000) Removal, Transportation and Disposal of various sizes of A.C. Pipe _____ Dollars and _____ Cents	LF	200	\$ _____	\$ _____
105 w	(3100) 16" Temporary Waterline, including fittings, tie-ins, service connections, and all appurtenances to provide a temporary water main for water main construction. _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____
106 w	(4000) Hydro Stop (30") _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____

SUBTOTAL "A" SAWS JOB NO. 14-5017 (GENERAL WATER): \$ _____

Alley Projects Water Bid Items

1 wa	(103) Remove Concrete Curb _____ Dollars and _____ Cents	LF	40	\$ _____	\$ _____
2 wa	(103) Remove Sidewalks & Driveways _____ Dollars and _____ Cents	SF	40	\$ _____	\$ _____
3 wa	(103) Remove Miscellaneous Concrete _____ Dollars and _____ Cents	SF	100	\$ _____	\$ _____
4 wa	(206) Asphalt Treated Base (4" compacted depth) _____ Dollars				

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
	and _____ Cents	SY	50	\$ _____	\$ _____
5 wa	(413) Flowable Fill _____ Dollars				
	and _____ Cents	CY	100	\$ _____	\$ _____
6 wa	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter _____ Dollars				
	and _____ Cents	LF	40	\$ _____	\$ _____
7 wa	(502) Concrete Sidewalks _____ Dollars				
	and _____ Cents	SY	13	\$ _____	\$ _____
8 wa	(503) Portland Cement Concrete Driveway _____ Dollars				
	and _____ Cents	SY	8	\$ _____	\$ _____
9 wa	(503) Portland Cement Concrete Driveway - Commercial _____ Dollars				
	and _____ Cents	SY	13	\$ _____	\$ _____
10 wa	(515.1) Topsoil _____ Dollars				
	and _____ Cents	CY	10	\$ _____	\$ _____
11 wa	(516.1) Bermuda Sodding _____ Dollars				
	and _____ Cents	SY	20	\$ _____	\$ _____
12 wa	(516.2) St. Augustine Sodding _____ Dollars				
	and _____ Cents	SY	20	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
13 wa	(550) Trench Protection _____ Dollars and _____ Cents	LF	1300	\$ _____	\$ _____
14 wa	(818) 6" PVC Waterline (Restrained) (0'- 6' Cut) _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____
15 wa	(818) 8" PVC Waterline (Restrained) (0'- 6' Cut) _____ Dollars and _____ Cents	LF	1000	\$ _____	\$ _____
16 wa	(818) 12" PVC Waterline (Restrained) (0'- 6' Cut) _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____
17 wa	(818) 16" PVC Waterline (Restrained) (0'- 6' Cut) _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____
18 wa	(822) Short Yard Piping _____ Dollars and _____ Cents	LF	50	\$ _____	\$ _____
19 wa	(822) Long Yard Piping _____ Dollars and _____ Cents	LF	50	\$ _____	\$ _____
20 wa	(824) Relay ¾" Short Service _____ Dollars and _____ Cents	EA	20	\$ _____	\$ _____
21 wa	(824) Relay ¾" Long Service _____ Dollars and _____ Cents	EA	20	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
22 wa	(824) Relay 1" Short Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
23 wa	(824) Relay 1" Long Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
24 wa	(824) Relay 1-1/2" Short Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
25 wa	(824) Relay 1-1/2" Long Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
26 wa	(824) Relay 2" Short Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
27 wa	(824) Relay 2" Long Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
28 wa	(824) New 3/4" Short Unmetered Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
29 wa	(824) New 3/4" Long Unmetered Service _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
30 wa	(824) Relocate ¾ " Short Service _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
31 wa	(824) Relocate ¾" Long Service _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
32 wa	(824) Relocate 1" Short Service _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
33 wa	(824) Relocate 1" Long Service _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
34 wa	(824) Customer Shut-off Valve _____ Dollars and _____ Cents	EA	3	\$ _____	\$ _____
35 wa	(826) Valve Box Adjustment _____ Dollars and _____ Cents	EA	3	\$ _____	\$ _____
36 wa	(828) 6" Gate Valve _____ Dollars and _____ Cents	EA	4	\$ _____	\$ _____
37 wa	(828) 8" Gate Valve _____ Dollars and _____ Cents	EA	10	\$ _____	\$ _____
38 wa	(828) 12" Gate Valve _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
39 wa	(828) 16" Gate Valve _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
40 wa	(831) 6" X 6" Tee Cut-In _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
41 wa	(831) 8" X 6" Tee Cut-In _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
42 wa	(831) 8" X 8" Tee Cut-In _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
43 wa	(832) 12" X 8" Tapping Sleeve & Valve _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
44 wa	(832) 16" X 8" Tapping Sleeve & Valve _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
45 wa	(833) Existing Meter & Meter Box Relocation _____ Dollars and _____ Cents	EA	10	\$ _____	\$ _____
46 wa	(833) Existing Meter & New Meter Box Relocation _____ Dollars and _____ Cents	EA	10	\$ _____	\$ _____
47 wa	(833) New Meter Box _____ Dollars and _____ Cents	EA	10	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
48 wa	(834) Fire Hydrant _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
49 wa	(836) Pipe Fittings, All Sizes & Types _____ Dollars and _____ Cents	TN	2.0	\$ _____	\$ _____
50 wa	(840) 6" Water Tie-Ins _____ Dollars and _____ Cents	EA	5	\$ _____	\$ _____
51 wa	(840) 8" Water Tie-Ins _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
52 wa	(840) 12" Water Tie-Ins _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
53 wa	(840) 16" Water Tie-Ins _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
54 wa	(841) Hydrostatic Testing _____ Dollars and _____ Cents	EA	5	\$ _____	\$ _____
55 wa	(844) 2" Blow-off, Temporary _____ Dollars and _____ Cents	EA	5	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
56 wa	(844) 2" Blow-off, Permanent _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
57 wa	(846) 1" Air Release Valve _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
58 wa	(856) 18" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
59 wa	(856) 24" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
60 wa	(856) 6" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
61 wa	(856) 8" Carrier Pipe _____ Dollars and _____ Cents	LF	60	\$ _____	\$ _____
62 wa	(856) 12" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
63 wa	(856) 16" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
64 wa	(858) Concrete Encasement, Cradles, Saddles and Collars _____ Dollars and _____ Cents	CY	8	\$ _____	\$ _____
65 wa	(1020) Water Main Break/Leak Repairs (6"-16") _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
66 wa	(3000) Removal, Transportation and Disposal of various sizes of A.C. Pipe _____ Dollars and _____ Cents	LF	300	\$ _____	\$ _____
67 wa	(3100) 4" Temporary Waterline, including fittings, tie-ins, service connections, and all appurtenances to provide a temporary water main for water main construction _____ Dollars and _____ Cents	LF	600	\$ _____	\$ _____
68 wa	(3100) 6" Temporary Waterline, including fittings, tie-ins, service connections, and all appurtenances to provide a temporary water main for water main construction _____ Dollars and _____ Cents	LF	600	\$ _____	\$ _____

SUBTOTAL "B" SAWS JOB NO. 14-5017 (ALLEY WATER): \$ _____

SUBTOTAL "A" AND "B" SAWS JOB NO. 14-5017 (GENERAL AND ALLEY WATER): \$ _____

General Sanitary Sewer Bid Items

1 s	(103) Remove Concrete Curb _____ Dollars and _____ Cents	LF	40	\$ _____	\$ _____
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SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
 SOLICITATION #B-14-024-RA

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
2 s	(103) Remove Sidewalks & Driveways _____ Dollars and _____ Cents	SF	40	\$ _____	\$ _____
3 s	(103) Remove Miscellaneous Concrete _____ Dollars and _____ Cents	SF	15	\$ _____	\$ _____
4 s	(203) Tack Coat _____ Dollars and _____ Cents	GA	10	\$ _____	\$ _____
5 s	(205) Hot Mix Asphaltic Pavement-Type D (2" Compacted Depth) _____ Dollars and _____ Cents	SY	500	\$ _____	\$ _____
6 s	(205) Hot Mix Asphaltic Pavement-Type C (3" Compacted Depth) _____ Dollars and _____ Cents	SY	20	\$ _____	\$ _____
7 s	(206) Asphalt Treated Base (10" Compacted Depth) _____ Dollars and _____ Cents	SY	435	\$ _____	\$ _____
8 s	(206) Asphalt Treated Base (4" Compacted depth) _____ Dollars and _____ Cents	SY	50	\$ _____	\$ _____
9 s	(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (2") _____ Dollars and _____ Cents	SY	20	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
10 s	(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (3") _____ Dollars and _____ Cents	SY	10	\$ _____	\$ _____
11 s	(413) Flowable Fill _____ Dollars and _____ Cents	CY	40	\$ _____	\$ _____
12 s	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter _____ Dollars and _____ Cents	LF	40	\$ _____	\$ _____
13 s	(502) Concrete Sidewalks _____ Dollars and _____ Cents	SY	13	\$ _____	\$ _____
14 s	(502) Concrete Wheelchair Ramp _____ Dollars and _____ Cents	SY	10	\$ _____	\$ _____
15 s	(503) Portland Cement Concrete Driveway _____ Dollars and _____ Cents	SY	8	\$ _____	\$ _____
16 s	(503) Portland Cement Concrete Driveway-Commercial _____ Dollars and _____ Cents	SY	8	\$ _____	\$ _____
17 s	(505) Concrete Riprap (5" Thick) _____ Dollars and _____ Cents	SY	5	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
18 s	(506) Concrete Retaining Walls -- Combination Type _____ Dollars and _____ Cents	CY	5	\$ _____	\$ _____
19 s	(515) Topsoil _____ Dollars and _____ Cents	CY	10	\$ _____	\$ _____
20 s	(516) Bermuda Sodding _____ Dollars and _____ Cents	SY	20	\$ _____	\$ _____
21 s	(516) St. Augustine Sodding _____ Dollars and _____ Cents	SY	20	\$ _____	\$ _____
22 s	(550) Trench Protection _____ Dollars and _____ Cents	LF	1000	\$ _____	\$ _____
23 s	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'- 6' Cut) _____ Dollars and _____ Cents	LF	400	\$ _____	\$ _____
24 s	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'- 14' Cut) _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____
25 s	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'- 22' Cut) _____ Dollars and _____ Cents	LF	20	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
 2014 WATER & SEWER CONSTRUCTION PACKAGE I
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
26 s	(848) 10" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0' - 6' Cut)				
	_____ Dollars				
	and _____ Cents	LF	50	\$ _____	\$ _____
27 s	(848) 10" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6' - 14' Cut)				
	_____ Dollars				
	and _____ Cents	LF	30	\$ _____	\$ _____
28 s	(848) 10" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14' - 22' Cut)				
	_____ Dollars				
	and _____ Cents	LF	20	\$ _____	\$ _____
29 s	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0' - 6' Cut)				
	_____ Dollars				
	and _____ Cents	LF	100	\$ _____	\$ _____
30 s	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6' - 14' Cut)				
	_____ Dollars				
	and _____ Cents	LF	50	\$ _____	\$ _____
31 s	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14' - 22' Cut)				
	_____ Dollars				
	and _____ Cents	LF	30	\$ _____	\$ _____
32 s	(848) 15" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0' - 6' Cut)				
	_____ Dollars				
	and _____ Cents	LF	50	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
33 s	(848) 15" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6' - 14' Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
34 s	(848) 15" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14' - 22' Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
35 s	(848) 24" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0' - 6' Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
36 s	(848) 24" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6' - 14' Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
37 s	(848) 24" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14' - 22' Cut) _____ Dollars and _____ Cents	LF	30	\$ _____	\$ _____
38 s	(850) Sanitary Sewer Manhole Structure _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____
39 s	(850) Sanitary Sewer Doghouse Manhole _____ Dollars and _____ Cents	EA	1	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
40 s	(851) Adjust Existing Manhole (Watertight Ring and Cover) _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
41 s	(852) Sanitary Sewer Manhole (0'-6') _____ Dollars and _____ Cents	EA	5	\$ _____	\$ _____
42 s	(852) Sanitary Sewer Drop Manhole (0'-6') _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
43 s	(852) Extra Depth Manholes (greater than 6') _____ Dollars and _____ Cents	VF	6	\$ _____	\$ _____
44 s	(854) Sanitary Sewer Laterals, (SDR 26, ASTM 2241, 160 psi) _____ Dollars and _____ Cents	LF	350	\$ _____	\$ _____
45 s	(854) Two-Way Sanitary Sewer Clean-out _____ Dollars and _____ Cents	EA	15	\$ _____	\$ _____
46 s	(855) Reconstruction of Existing Manhole _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
47 s	(856) 18" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
48 s	(856) 24" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
49 s	(856) 30" Steel Casing (Open Cut)				
	_____ Dollars				
	and _____ Cents	LF	10	\$ _____	\$ _____
50 s	(856) 36" Steel Casing (Open Cut)				
	_____ Dollars				
	and _____ Cents	LF	10	\$ _____	\$ _____
51 s	(856) 42" Steel Casing (Open Cut)				
	_____ Dollars				
	and _____ Cents	LF	10	\$ _____	\$ _____
52 s	(856) Jack, Boring, and Tunneling 18" - 24" Casing (0' - 6' Depths)				
	_____ Dollars				
	and _____ Cents	LF	10	\$ _____	\$ _____
53 s	(856) Jack, Boring and Tunneling 18" - 24" Casing (greater than 6' Depths)				
	_____ Dollars				
	and _____ Cents	LF	10	\$ _____	\$ _____
54 s	(856) Jack, Boring and Tunneling 30" - 42" Casing (0'-8' Depths)				
	_____ Dollars				
	and _____ Cents	LF	10	\$ _____	\$ _____
55 s	(856) Jack, Boring and Tunneling 30" - 42" Casing (greater than 8' Depths)				
	_____ Dollars				
	and _____ Cents	LF	10	\$ _____	\$ _____
56 s	(856) 8" Carrier Pipe				
	_____ Dollars				
	and _____ Cents	LF	10	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
57 s	(856) 10" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
58 s	(856) 12" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
59 s	(856) 15" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
60 s	(856) 24" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
61 s	(858) Concrete Encasement, Cradles, Saddles and Collars _____ Dollars and _____ Cents	CY	8	\$ _____	\$ _____
62 s	(860) Vertical Stacks _____ Dollars and _____ Cents	VF	5	\$ _____	\$ _____
63 s	(862) Abandonment of Sanitary Sewer Main (12" or greater) _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____
64 s	(864) Bypass Pumping (8"-12"), per each work order _____ Dollars and _____ Cents	EA	3	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
65 s	(864) Bypass Pumping (15"-24"), per each work order _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
66 s	(866) Pre Sewer Main Television Inspection (8"-24") _____ Dollars and _____ Cents	LF	1000	\$ _____	\$ _____
67 s	(866) Post Sewer Main Television Inspection (8"-24") _____ Dollars and _____ Cents	LF	1000	\$ _____	\$ _____
68 s	(3300) Sanitary Sewer Private Laterals (4"- 6") (including COSA permit and licensed plumber) _____ Dollars and _____ Cents	LF	20	\$ _____	\$ _____
69 s	(3400.1) Manhole Rehabilitation (Structural Cementuous Lining) _____ Dollars and _____ Cents	VF	10	\$ _____	\$ _____
70 s	(3400.2) Manhole Rehabilitation (Non-Structural High Sulfate Lining) _____ Dollars and _____ Cents	VF	10	\$ _____	\$ _____
71 s	(3400.3) Manhole Rehabilitation (Structural High Sulfate Lining) _____ Dollars and _____ Cents	VF	10	\$ _____	\$ _____

SUBTOTAL "C" SAWS JOB NO. 14-5517 (GENERAL SEWER): \$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
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Alley Projects Sanitary Sewer Bid Items

Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
1 sa	(103) Remove Concrete Curb _____ Dollars and _____ Cents	LF	40	\$ _____	\$ _____
2 sa	(103) Remove Sidewalks & Driveways _____ Dollars and _____ Cents	SF	40	\$ _____	\$ _____
3 sa	(103) Remove Miscellaneous Concrete _____ Dollars and _____ Cents	SF	15	\$ _____	\$ _____
4 sa	(206) Asphalt Treated Base (4" compacted depth) _____ Dollars and _____ Cents	SY	50	\$ _____	\$ _____
5 sa	(413) Flowable Fill _____ Dollars and _____ Cents	CY	20	\$ _____	\$ _____
6 sa	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter _____ Dollars and _____ Cents	LF	40	\$ _____	\$ _____
7 sa	(502) Concrete Sidewalks _____ Dollars and _____ Cents	SY	13	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
8 sa	(503) Portland Cement Concrete Driveway _____ Dollars and _____ Cents	SY	8	\$ _____	\$ _____
9 sa	(515) Topsoil _____ Dollars and _____ Cents	CY	10	\$ _____	\$ _____
10 sa	(516) Bermuda Sodding _____ Dollars and _____ Cents	SY	20	\$ _____	\$ _____
11 sa	(516) St. Augustine Sodding _____ Dollars and _____ Cents	SY	20	\$ _____	\$ _____
12 sa	(550) Trench Protection _____ Dollars and _____ Cents	LF	1500	\$ _____	\$ _____
13 sa	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'- 6' Cut) _____ Dollars and _____ Cents	LF	900	\$ _____	\$ _____
14 sa	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'- 14' Cut) _____ Dollars and _____ Cents	LF	250	\$ _____	\$ _____
15 sa	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'- 22' Cut) _____ Dollars and _____ Cents	LF	100	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
16 sa	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'- 6' Cut) _____ Dollars and _____ Cents	LF	150	\$ _____	\$ _____
17 sa	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'- 14' Cut) _____ Dollars and _____ Cents	LF	50	\$ _____	\$ _____
18 sa	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'- 22' Cut) _____ Dollars and _____ Cents	LF	50	\$ _____	\$ _____
19 sa	(851) Adjust Existing Manhole (Watertight Ring and Cover) _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
20 sa	(852) Sanitary Sewer Manhole (0'-6') _____ Dollars and _____ Cents	EA	5	\$ _____	\$ _____
21 sa	(852) Sanitary Sewer Drop Manhole (0'-6') _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
22 sa	(852) Extra Depth Manholes (greater than 6') _____ Dollars and _____ Cents	VF	6	\$ _____	\$ _____
23 sa	(854) Sanitary Sewer Laterals (SDR 26, ASTM 2241, 160 psi) _____ Dollars and _____ Cents	LF	400	\$ _____	\$ _____

SAWS WATER JOB, NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
24 sa	(854) Two-Way Sanitary Sewer Clean-out _____ Dollars and _____ Cents	EA	25	\$ _____	\$ _____
25 sa	(855) Reconstruction of Existing Manhole _____ Dollars and _____ Cents	EA	2	\$ _____	\$ _____
26 sa	(856) 18" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
27 sa	(856) 24" Steel Casing (Open Cut) _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
28 sa	(856) 8" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
29 sa	(856) 12" Carrier Pipe _____ Dollars and _____ Cents	LF	10	\$ _____	\$ _____
30 sa	(858) Concrete Encasement, Cradles, Saddles and Collars _____ Dollars and _____ Cents	CY	8	\$ _____	\$ _____
31 sa	(860) Vertical Stacks _____ Dollars and _____ Cents	VF	5	\$ _____	\$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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Item No.	Specification No. & Description (Unit Price to be written in words)	Unit	Quantity	Unit Price	Total Price
32 sa	(864) Bypass Pumping (8"-12"), per each work order _____ Dollars and _____ Cents	EA	3	\$ _____	\$ _____
33 sa	(866) Pre Sewer Main Television Inspection (8"-12") _____ Dollars and _____ Cents	LF	1500	\$ _____	\$ _____
34 sa	(866) Post Sewer Main Television Inspection (8"-12") _____ Dollars and _____ Cents	LF	1500	\$ _____	\$ _____
35 sa	(3300) Sanitary Sewer Private Laterals (4"- 6") (including COSA permit and licensed plumber) _____ Dollars and _____ Cent	LF	20	\$ _____	\$ _____
36 s	(3400.1) Manhole Rehabilitation (Structural Cementuous Lining) _____ Dollars and _____ Cents	VF	10	\$ _____	\$ _____
37 s	(3400.2) Manhole Rehabilitation (Non-Structural High Sulfate Lining) _____ Dollars and _____ Cents	VF	10	\$ _____	\$ _____
38 s	(3400.3) Manhole Rehabilitation (Structural High Sulfate Lining) _____ Dollars and _____ Cents	VF	10	\$ _____	\$ _____

SUBTOTAL "D" SAWS JOB NO. 14-5517 (ALLEY SEWER): \$ _____

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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SUBTOTAL "C" AND "D" SAWS JOB NO. 14-5517
(GENERAL AND ALLEY SEWER): \$ _____

Bid Summary

SUBTOTAL "A" SAWS JOB NO. 14-5017 (GENERAL WATER): \$ _____

SUBTOTAL "B" SAWS JOB NO. 14-5017 (ALLEY WATER): \$ _____

SUBTOTAL "C" SAWS JOB NO. 14-5517 (GENERAL SEWER): \$ _____

SUBTOTAL "D" SAWS JOB NO. 14-5517 (ALLEY SEWER): \$ _____

Insurance and Bond, Preparing Right-of-Way, Mobilization, and Barricades, Signs, and Traffic Handling, and Permitting will not be paid as lump sum items, but instead shall be included in the cost of other bid items.

TOTAL BID AMOUNT \$ _____

_____ DOLLARS AND
_____ CENTS

BIDDERS SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NUMBER/FAX NUMBER

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.

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within 730 calendar days or until funds are exhausted, whichever comes first, from issuance of 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.

PROPOSAL CERTIFICATION

Accompanying this proposal is a Bid Bond or Certified or Cashier's Check on a State or National Bank payable to the Order of the San Antonio Water System for _____ dollars (\$_____), which amount represents five percents (5%) of the total bid price. Said bond or check is to be returned to the bidder unless the proposal is accepted and the bidder fails to execute and file a contract within ten (10) calendar days after the award of the Contract, in which case the check shall become the property of said San Antonio Water System, and shall be considered as payment for damages due to delay and other inconveniences suffered by said San Antonio Water System due to the failure of the bidder to execute the contract. The San Antonio Water System reserves the right to reject any and all bids.

It is anticipated that the Owner will act on this proposal within sixty (60) calendar days after the bid opening. Upon acceptance and award of the contract to the undersigned by the Owner, the undersigned shall execute standard San Antonio Water System Contract Documents and make Performance and Payment Bonds for the full amount of the contract within ten (10) calendar days after the award of the Contract to secure proper compliance with the terms and provisions of the contract, to insure and guarantee the work until final completion and acceptance, and the guarantee period stipulated, and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the contract.

It is anticipated that the SAWS will provide written Authorization to Proceed within thirty (30) days after the award of the Contract.

The Contractor hereby agrees to commence work under this Contract as noted on the SAWS written Authorization to Proceed. Under no circumstances shall the work commence prior to Contractor's receipt of SAWS issued, written Authorization to Proceed.

The undersigned certifies that the bid prices contained in the proposal have been carefully checked and are submitted as correct and final.

In completing the work contained in this proposal the undersigned certifies that bidder's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin and that the bidder will affirmatively cooperate in the implementation of these policies and practices.

Signed:

Firm Representative

Firm Name

Address

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Please return bidder's check to:

_____ Firm Name

_____ Address

Statement of Bidder's Experience

BIDDER'S EXPERIENCE

In order to make a responsive Bid, the Bidder (Prime Contractor) must provide evidence of being a responsible bidder by providing a minimum of three successfully *completed* water and sewer projects within the last five years. *If completion of those projects included the assistance of sub contractors, prime must submit the names of the sub contractors used on those projects and specify if those same subs will be used on this contract.* A successfully completed project is considered as a project that did not involve the contractor defaulting on the contract, was completed within the contract time and incurred zero (0) owner claims. The Bidder is also to submit the sub contractors experience if they will be part of the crews doing the work for the Prime Contractor. Contractors should reference water and sewer projects that included new construction or replacement of a minimum of 1,000 linear feet of sanitary sewer mains (open cut method) with a minimum size of 8-inch sewer mains and up to and including twenty four (24) inch sewer main and 1,000 feet of water mains with eight (8) inches and up to and including twenty four (24) inch water main. One of the successfully completed projects for water and one successfully completed sewer project must include a 24-inch main.

Data given must be clear and comprehensive. Include specific project name, facility owner and telephone number, total length of installed water/sanitary sewer lines, and total contract amount, as presented below. San Antonio Water System in determining the responsible bidder will approve the Bid based on low cost and on Bidder's demonstrated experience and ability to perform the work.

Project Name	Facility Owner (tel. #)	Length and Size of Mains Installed	Construction Completion Date	Contract Amount
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

The signed Bidder Experience Form and any required supplemental information must be submitted with this Proposal for the Bidder to be considered. Owner reserves the right to request additional information.

 Contractor

SAWS WATER JOB. NO. 14-5017/SAWS SEWER JOB NO. 14-5517
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By

Title

Date