



# CITY OF COLUMBIA

## Department of Utilities and Engineering Division of Engineering

P.O. Box 147 | Columbia, South Carolina 29217  
Phone: 803-545-3400 Fax: 803-988-8199

February 5, 2015

Project: CIP No. SS695401  
48" Sanitary Sewer Interceptor Replacement Along  
Broad River and Crane Creek

Addendum No. 1

TO: ALL HOLDERS OF RECORD OF CONTRACT DOCUMENTS

The Contract Documents for the above-referenced Project are modified as set forth in this Addendum. The original Contract Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the Contract Documents.

Acknowledge receipt of this addendum by inserting its number and date in the bid form. Failure to do so may subject bidders to disqualification. This addendum forms a part of the Contract Documents and modifies or clarifies the original "Contract Documents" for this Project dated January 29, 2015.

**A. This Addendum consists of 14 pages and 3 attachments which are as follows:**

- Attachment 1 - Pre-bid meeting sign-in roster
- Attachment 2 - Minutes of Mandatory Pre-bid Meeting held on February 3, 2015
- Attachment 3 - Proposal Bid for Unit Price Contracts

**B. The following changes are made to the Project Bidding Documents:**

Item 1 Part 14: Instructions to Bidders

Subparagraph 14.1.1:

Delete: Bids will be received by the Owner at 1136 Washington Street until 2:00 o'clock P.M., February 17, 2015, and then at said office publicly opened and read aloud.

**And** replace with: Bids will be received by the Owner at 1136 Washington Street until 2:00 o'clock P.M., February 24, 2015, and then at said office publicly opened and read aloud.

Item 2 Proposal Bid for Unit Price Contracts

On page 2 of 4, Pay Item No. 16.0 Temporary By-pass Pumping System is revised to read as shown below.

<u>Number</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
16.0	Temporary By-pass Pumping System		
16.1	Crane Creek Interceptor and Barony Gravity Sewer	LS	1
16.2	Smith Branch Interceptor	LS	1

A copy of the amended Proposal Bid for Unit Price Contracts is attached and is to replace the previous Proposal Bid for Unit Price Contracts in its entirety.

**C. The following changes are made to the Project Special Provisions:**

Item 1 Section 2.0, Project Scope, 4. Temporary By-pass Pumping Plan is revised to read as follows:

**4. Temporary By-Pass Pumping Plan**

4.1 Within 30 days of Notice to Proceed, the successful bidder is to submit a Temporary By-Pass Pumping Plan, including drawings and other documentation, to the Owner's Representative for acknowledgment as a prerequisite to beginning operations.

4.2 Crane Creek: During the life of a temporary by-pass pumping system is to be furnished, installed, operated, maintained and removed. For planning purposes the level of wastewater flow to be bypassed is  $\pm 19.0$  million gallons/day (daily average daily flow is  $\pm 5,900$  gallons/minute; peak flow is  $\pm 13,540$  gallons/minute).

4.3 Smith Branch: During the life of a temporary by-pass pumping system is to be furnished, installed, operated, maintained and removed. For planning purposes the level of wastewater flow to be bypassed is  $\pm 12.0$  million gallons/day ( $\pm 8,333$  gallons/minute).

4.4 As has been stated the temporary by-pass pumping system must operate continuously even under the 100-year flood level conditions.

4.5 The Temporary By-Pass Pumping Plan shall include, but not necessarily limited to the following:

- A. Storage volume of bypass pumping station wetwell
- B. Staging areas for pumps and pipe receiving and assembly.
- C. Pipe plugging method and types of plugs.
- D. Number, size, material, location and method of installation of suction piping.
- E. Number, size, material, method of installation and location of installation of discharge piping.
- F. Bypass pump information/model, TDH, and capacity of City provided bypass pumps (if used by the Contractor) (Contractor must establish that all pumps are compatible for singular and joint use).
- G. Calculations of static lift, friction losses, and flow velocity (pump curves showing pump operating range shall be submitted).
- H. Downstream discharge.
- I. Method of protecting discharge structures from erosion and damage.
- J. Restraint system for all piping.
- K. Sections showing suction and discharge pipe depth, embedment, select fill and special backfill.
- L. Any temporary pipe supports and anchoring required.
- M. Design plans and computation for access to bypass pumping locations indicated on the drawings.
- N. Calculations for selection of bypass pumping pipe size, including wet weather flows
- O. Schedule for installation of and maintenance of by-pass pumping lines.
- P. Plan indicating selection location of bypass pumping line locations.
- Q. Plan must include proper protection of the temporary by-pass pumping system. .
- R. By-pass pumping plan must include an emergency response plan for City staff to follow in the event of a failure of the temporary by-pass pumping system after construction.
- S. Emergency contact number, providing 2 hour response time, 24 hours a day, 7 days a week for construction and startup period.
- T. Safety and security plan to protect and minimize risk to public and to prevent vandalism.
- U. Compliance to City's Sewer Overflow Response Plan for notification, actions, and making repairs to pipelines along the alignment

- V. System must be capable of operation under 100 year flood level conditions.
- W. Provide contact, conduit wiring, installation, programming to connect bypass pumping monitoring into the existing SCADA system at the Metro Wastewater Treatment Plant.

Item 2 Section 3.0, Sequence of Work, Paragraph 3.1, third paragraph - The last sentence of the third paragraph that begins with the words "The daily liquidated damages rate" is replaced with the following:

The daily liquidated damages rate is \$2,000.00.

Item 3 Section 4.0, Contractor's Qualifications, Paragraph 4.6, the first sentence of the paragraph that begins with the words "The Contractor is required" is replaced with the following:

The Contractor or his subcontractor who is to be responsible for performing temporary by-pass pumping is to submit a list of three (3) temporary bypass projects that he or his subcontractor has completed which required bypassing of at least 15 million gallons/day.

#### **5. The following changes are made to the Project Specifications:**

Item 1 Section 01220, Measurement and Payment

On page 8, Pay Item No. 16 – Temporary By-pass Pumping System is replaced with the following:

**Pay Item No. 16 – Temporary By-pass Pumping System**

Measurement for Temporary By-pass Pumping System shall be paid as a Lump Sum quantity.

Price and Payment for Temporary By-pass Pumping System shall be at the unit price per Lump Sum. A lump sum shall be paid for providing, installing and servicing of bypass pumps, clearing and grubbing, site grading, excavation, dewatering at bypass pumping station(s) and receiving vaults, bypass pump station wetwell, diversion of sewage flow, foundation for vault(s), installation of water tight hatches at vaults, vaults, coring of holes in vaults, confined space entry and equipment, welding of metal parts and pieces, SCDOT aggregate no. 57, spare parts/piping/coupling, suction piping and valves, installing and removing controls, gasoline/diesel fuel, phone dialer, SCADA Integration (Crane Creek only), making connections to existing and new sewer facilities, generator(s), aerial crossing(s), steel pipe for casing of bypass piping at crossing beneath railroad bridge, connection to electrical distribution system, discharge piping and valves, associated structures, constructing bulkheads, flow diversion structure(s), backfill, compaction, thrust and restraint block sizes and locations, vent pipes at vaults, and removal of the temporary by-pass systems when project is complete.

Payment includes any standby time before pumps are put in operation.

The lump sum shall also include the cost of installing bypass piping, fusion welding, inserting and removing plugs, isolation valves, air release valves, anti-flotation anchors for bypass force main, bypass force main support structures, testing of bypass system, mounting or steps to cross bypass force main, and all other appurtenances necessary to divert sewer around the work area(s).

Payment for subcontracting with SCDHEC certified lab to provide up to (4) four sets of fecal coliform and e-coli testing of ponded surface water in (3) three locations in the event of a pipeline leak or suspected leak will be paid for in accordance with Owner's Contingency in the Bid Proposal. Cost for this service will be paid for from Owner's Contingency only when approved by the Owner's Representative

Item 2 Section 11307, Temporary By-pass Pumping System, Paragraph 1.1, subparagraph B, the last sentence of the paragraph that begins with the words "If the Contractor fails" is replaced with the following:

The daily liquidated damages rate is \$2,000.00.

Item 3 Section 11307, Temporary By-pass Pumping System, Paragraph 1.2, Paragraph C, is replaced with the following:

C. The Contractor or his subcontractor who is to be responsible for performing temporary bypass pumping is to submit a list of three (3) temporary bypass projects that he or his subcontractor has completed which required bypassing of at least 15 million gallons/day. The projects are to have been located within 500 miles of the City of Columbia and are to have been completed within the past 10 years. The list is to include the name of the projects with associated reference names and phone numbers. The list is to be submitted at the time of bid.

Item 4 Section 11307, Temporary By-pass Pumping System, Paragraph 1.3, Paragraph B, is replaced with the following:

B. Within 30 days of Notice to Proceed, the successful bidder is to submit a Temporary Bypass Pumping Plan, including drawings and other documentation, to the Owner's Representative for acknowledgment as a prerequisite to beginning operations. The Temporary Bypass Pumping Plan is to include, but not be limited to, details of the following:

Item 5 Section 11307, Temporary By-pass Pumping System, Paragraph 2.1, Paragraph C, 1, the following subparagraph is deleted:

a. The City owns two (2) CD300M CAT 9 pumps with Critical Silencer. Both pumps are available to the Contractor for use on this project provided they are suitable and compatible as a component in the overall temporary by-pass pumping system.

1) Both pumps are located at the Metro Wastewater Treatment Plant.

Item 5 Section 11307, Temporary By-pass Pumping System, Paragraph 3.1, subparagraph H, the third sentence of the paragraph that begins with the words "Cost for this service" is replaced with the following:

Cost for this service will be paid for from Owner's Contingency only when approved by the Owner's Representative.

**D. The following changes are made to the Project Plans:**

There are no changes to the Project Plans.

**E. Response to Questions from Bidders:**

Question 1: Can we apply a fuel index to the project?

Answer 1: Project staff is studying this request and will provide its answer in a later addendum.

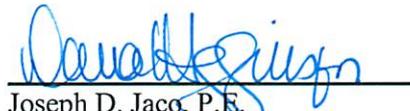
**F. The following are clarifications:**

Item 1 The dollar amount for Part 14: Instructions to Bidders, Paragraph 14.21.4.1 Excess Liability Policy is as follows:

14.21.4.1 Excess Liability Policy naming the contractor or other person who will be performing the activity as insured and also naming the City as an additional insured in an amount not less than \$10,000,000.00 for bodily injury, personal injury, property damage and products completed operations. (Coverage shall be at least as broad as provided for in the most current version of the Insurance Services Office Form applicable to such policy.)

Item 2 The temporary by-pass pumping system force main may be placed on the surface anywhere within the full width of the easement, even when crossing wetlands.

End of Addendum 1



Joseph D. Jaco, P.E.

Director, Department of Utilities and Engineering

PROJECT: #SS695401 48" ALONG CRANE CREEK AND BROAD RIVER

SIGN IN ROSTER

DATE / TIME : FEBRUARY 3, 2015 AT 10:00 A.M.

A RECORDED MANDATORY PRE BID CONFERENCE

NAME	COMPANY	PHONE	EMAIL ***
Debbie Scott	City of Columbia	803-545-3252	djscott@columbiasc.net
Alton Hutto	LAD CORP	803-568-2196	
BRAD SOX	LAD CORP	803-568-2196	B. Sox @ LAD CORPORATION . COM
Steve Coker	NAPM	404-226-2553	Steve.Coker @ NAPMinc. com
CARL SMITH	LAYNE	670-755-0033	carl.smith@layne.com
Lilly Gardner	Republic Contracting	803-606-5109	lgardner@republiccontracting.com
Barry Mc Cann	"	803 606 0332	"
Tim Pappin	Godwin Pumps	843-514-8932	
REED WATERBURY	GODWIN PUMPS	843-270-4119	reed.waterbury@XYLEMINC.COM
BILL SHARPE	Godwin Pumps	843-442-2245	BILL SHARPE @ XYLEM, INC. COM
JERRY ROBINSON	LAYNE	<del>770-315-5525</del>	JERRY ROBINSON @ LAYNE. COM
Kevin Samuel	LAYNE	678-231-5358	Kevin.Samuel @ layne.com
JOHN WALSH	AMERICAN PIPE	803-608-5751	JWALSH AMERICAN - USA. COM
John Trigggs	COC	803-545-4428	JTrigggs@columbiasc.net
John Bowles	COC	803-545-3283	JBowles@columbiasc.net
MIKE LEATH	BAKER	803-206-1592	MLEATH @ BAKER INTL. COM
MIKE LEVER	L-J, INC.	803-929-1181	MLEVER @ L-J INC. COM
TIM SOX	COC	803-309-1753	tlsox@columbiasc.net
Dave Higgins	COC	545 3285	dhiggins@columbiasc.net
Stephen Miller	COC	545-3379	SSMILLER@columbiasc.net





# CITY OF COLUMBIA

## Department of Utilities and Engineering Division of Engineering

P.O. Box 147 | Columbia, South Carolina 29217  
Phone: 803-545-3400 Fax: 803-988-8199

### Construction of 48" Sanitary Sewer Interceptor Replacement along Broad River and Crane Creek

CIP No. SS695401

#### Minutes of Mandatory Pre-Bid Meeting

**Meeting Date: February 3, 2015**

**Issue Date: February 5, 2015**

A mandatory pre-bid meeting for the 48" Sanitary Sewer Interceptor Replacement along Broad River and Crane Creek was held on February 3, 2015 at 10:00 a.m. in the Conference Room (7<sup>th</sup> Floor) at the Utilities and Engineering Department, 1136 Washington Street, Columbia, SC 29217.

Attendees: Refer to attached Sign-in Roster. Bids will only be accepted from those firms that attended the pre-bid meeting.

The following statements were typed at the top of the agenda:

"All attendees are advised that whatever is said during the meeting is meant to be helpful but does not and cannot change the Bid Documents. Bidders must rely on published Addenda for official answers to questions that are not currently covered by Bid Documents."

Sequence of the pre-bid meeting is as follows; the order in which the items are listed is the order in the items were presented.

- A. The pre-bid meeting was called to order at 10:00 a.m. by Ms. Debbie L. Scott, Bid Coordinator, Utilities and Engineering Department.

Ms. Scott presented administrative requirements for preparing and submitting a bid. In addition, Ms. Scott stated the following:

1. Flood insurance requirement as outlined in the special provisions is not applicable for this project.
2. Bid Online will not be used for the bidding this project.

- B. City project staff presented the following items:

1. Introduction
2. Sign-In Sheet
3. Scope of Project
4. Contractor's Qualifications

5. Review of Calendar Of Events
6. Alternates, Allowances and Owner's Contingency
7. Questions during Bid
8. Bid Addendums
9. Bid Opening
10. Completion Time and Project Schedule
11. Obtaining Plans and Specifications
12. Required Bid Submittals
13. Staging, Access, Parking, and Use of Facilities
14. Special Provisions
15. "Or Equal" (Substitute Materials)
16. Questions

During the presentation, special attention was given to the following items:

1. The identification and extent of the "landfill zone."
  2. Dewatering and disposal of groundwater.
  3. Temporary by-pass pumping system for Crane Creek. It was indicated that the pumping system is to be installed and operational no later than 5 months after issuance of Notice to Proceed. Embedded in the presentation was notice that: 1), the temporary by-pass pumping system must be operational at all times; and 2), samples of groundwater are to be collected for laboratory analysis.
  4. Mr. Shawn Epps, F&ME, provided an overview to the findings of the geotechnical investigation performed in the project area.
  5. A temporary by-pass pumping system for the Smith Branch sewer interceptor. This interceptor is estimated to contribute as much as ±12.0 million gallons per day to the 36" existing sanitary sewer interceptor replacement along Broad River.
  6. Limits to the type of land disturbance in the easements where crossing wetlands.
  7. Possibility of flooding the limits of the 100-year base flood of the Broad River.
- C. The following changes to the Calendar of Events were proposed by attendees and accepted by City staff:
1. Deadline for receiving questions is 5:00 p.m. Wednesday, February 11, 2015. Inquiries and questions shall be submitted in writing to Tom Bowles at [tebowles@columbiasc.net](mailto:tebowles@columbiasc.net). Responses will be issued on or before February 17, 2015.
  2. The time and date for receiving of bids was changed from 2:00 o'clock p.m., February 17, 2015 to 2:00 p.m., February 24, 2015.
- D. City staff affirmed the dollar amount required by Part 14: Instructions to Bidders, Paragraph 14.21.4.1 Excess Liability Policy which reads as follows:
- 14.21.4.1 Excess Liability Policy naming the contractor or other person who will be performing the activity as insured and also naming the City as an additional insured in an amount not less than \$10,000,000.00 for bodily injury, personal injury, property damage and products completed operations. (Coverage shall be at least as broad as provided for in the most current version of the Insurance Services Office Form applicable to such policy.)

Attendees verbally posed the following questions to City project staff:

**Question 1:** Is it possible to lay the temporary by-pass pumping system force main outside the 20 foot wide corridor of disturbance when crossing wetlands?

**Answer 1:** The temporary by-pass force main can be aligned at any location within the limits of the easement.

**Question 2:** Since this project is 18 months in duration will the City consider adopting a procedure for fuel adjustments similar to that used by the SCDOT?

**Answer 2:** City staff agreed to consider the request.

**Question 3:** Is the City going to require that the selected contractor purchase Contractor's Pollution Liability insurance?

**Answer 3:** City staff said it would take the question under advisement.

**Question 4:** Is it permissible to visit the project site?

**Answer 4:** Yes. However, please phone A.J. [Mr. Julian Rubiez] at 806-8577 to request permission to enter his property.

The meeting adjourned at 11:05 a.m.

CIP PROJECT #: SS695401 (Revised 2-5-2015)  
 48" SANITARY SEWER INTERCEPTOR REPLACEMENT ALONG BROAD RIVER AND CRANE CREEK

DO NOT CHANGE ANY ITEM DESCRIPTION ON THESE SHEETS UNLESS YOU ARE DIRECTED TO BY  
 ADDENDUM. IN THE EVENT THE CONTRACTOR MAKES ANY CHANGES, THE BID WILL NOT BE READ  
 PUBLICLY AND THE PROPOSAL WILL BE REJECTED AND NOT CONSIDERED.

**Base Bid Items**

<u>Pay Item No.</u>	<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price (\$)</u>	<u>Extension (\$)</u>
<b>1.0</b>	<b>Preparation of Plans:</b>				
1.1	Health and Safety Plan	1	LS	_____	_____
1.2	Trench and Excavation Plan	1	LS	_____	_____
1.3	Emergency Action Plan (Flood Plan)	1	LS	_____	_____
1.4	By-Pass Pumping Plan	1	LS	_____	_____
1.5	Spill Response Plan	1	LS	_____	_____
<b>2.0</b>	<b>Mobilization (Maximum 5% of Bid)</b>	1	LS	_____	_____
<b>3.0</b>	<b>Clearing and Grubbing</b>	1.0	LS	_____	_____
<b>4.0</b>	<b>Implement Stormwater Pollution Prevention Plan (SWPPP)</b>	1	LS	_____	_____
<b>5.0</b>	<b>Special Dewatering</b>	1,000,000	Gal	_____	_____
<b>6.0</b>	<b>Ductile Iron Pipe Gravity Sewer</b>				
	<u>8" Diameter (Open Trench)</u>				
6.1	0'-6' Deep	100	LF	_____	_____
6.2	6.1'-8' Deep	25	LF	_____	_____
6.3	8.1'-10' Deep	105	LF	_____	_____
6.4	10.1'-12' Deep	65	LF	_____	_____
6.5	12.1'-14' Deep	120	LF	_____	_____
	<u>48" Diameter (Open Trench)</u>				
6.6	0'-6' Deep	75	LF	_____	_____
6.7	6.1'-8' Deep	1,297	LF	_____	_____
6.8	8.1'-10' Deep	1,088	LF	_____	_____
6.9	10.1'-12' Deep	2,373	LF	_____	_____
6.10	12.1'-14' Deep	1,816	LF	_____	_____
6.11	14.1'-16' Deep	196	LF	_____	_____
6.12	16.1' -18' Deep	25	LF	_____	_____
	<u>48" Diameter, Restrained Joint</u>				
6.13	Carrier Pipe Installed in Steel Casing	789	LF	_____	_____

<b>7.0</b>	<b>Precast Concrete Manhole (5' diameter)</b>				
7.1	10.1' - 12' Cut	1	EA	_____	_____
<b>8.0</b>	<b>Precast Concrete Manhole Base (Type J)</b>				
	<u>8' Diameter</u>				
8.1	6.1' to 8' Cut	5	EA	_____	_____
8.2	8.1' - 10' Cut	5	EA	_____	_____
8.3	10.1' - 12' Cut	9	EA	_____	_____
8.4	12.1' -14' Cut	3	EA	_____	_____
8.5	14.1' -16' Cut	2	EA	_____	_____
8.6	16.1' -18' Cut	1	EA	_____	_____
	<u>10' Diameter</u>				
8.7	10.1' - 12' Cut	1	EA	_____	_____
8.8	12.1' -14' Cut	1	EA	_____	_____
<b>9.0</b>	<b>Precast Concrete Manhole Base (Doghouse)</b>				
	<u>10' Diameter</u>				
9.1	12.1-14' Cut	1	EA	_____	_____
<b>10.0</b>	<b>Extra Depth Manhole</b>	386	VF	_____	_____
<b>11.0</b>	<b>Manhole Precast Concrete Top Slab</b>	29	EA	_____	_____
<b>12.0</b>	<b>Outside Drop Connection for Precast Manhole</b>	2	EA	_____	_____
<b>13.0</b>	<b>Manhole Precast Concrete Riser Ring</b>	29	EA	_____	_____
<b>14.0</b>	<b>Manhole Vet Stack</b>	9	EA	_____	_____
<b>15.0</b>	<b>Removal and Disposal of Excess Material Excavated from Landfill Zone</b>	4,729	CY	_____	_____
<b>16.0</b>	<b>Temporary By-Pass Pumping System</b>				
16.1	Crane Creek Interceptor and Barony Gravity Sewer	1	LS	_____	_____
16.2	Smith Branch Interceptor	1	LS	_____	_____
<b>17.0</b>	<b>Select Material</b>				
17.1	SCDOT Aggregate No. 57	6,370	TN	_____	_____
17.2	Trench Cap (1' Thick)	4,466	SY	_____	_____
17.3	Suitable Material (Borrow)	500	CY	_____	_____
<b>18.0</b>	<b>Connect to Existing Manhole</b>	1	EA	_____	_____

19.0	Seal and Fill 36" Pipeline with Flowable Fill	7,456	LF	_____	_____
20.0	Fill and Abandon Sewer Manholes with Flowable Fill	24	EA	_____	_____
21.0	CCTV Inspection of Sewer Pipeline				
21.1	8" Sewer	355	LF	_____	_____
21.2	48" Sewer	7,550	LF	_____	_____
22.0	Preconstruction Video Taping	1	LS	_____	_____
23.0	Major Manhole Height Adjustment	10	VF	_____	_____
24.0	Jack and Bore				
24.1	72" Dia. Steel Pipe Casing Pipe Beneath Interstate 20	324	LF	_____	_____
24.2	72" Dia. Steel Pipe Casing Pipe Beneath Railroad	216	LF	_____	_____
25.0	Temporary Rerouting of Crane Creek	1	LS	_____	_____
26.0	Steel Casing Pipe (Open Cut) (60" Diameter)	140	LF	_____	_____
27.0	Concrete Pipe Anchor	51	EA	_____	_____
28.0	Anti-Seep Collar	7	EA	_____	_____
29.0	Rock Excavation	1,023	CY	_____	_____
30.0	Demolition and Removal of Existing Pump Building	1	LS	_____	_____
31.0	Removal and Disposal of Unsuitable Material	500	CY	_____	_____

**\*Total Base Bid/ Bid Online Total:** \_\_\_\_\_

Dollars \_\_\_\_\_ Cents \_\_\_\_\_

(Indicate the Total Base Bid/Bid Online Total above in both figures and words, In case of discrepancy, the amount shown in words will govern.)

**Owner's Contingency:**                   \$1,500,000.00                  

**\*\*Total Bid Proposal Amount (Base Bid with Owner's Contingency)** \_\_\_\_\_

Dollars \_\_\_\_\_ Cents \_\_\_\_\_

(Indicate the Total Bid Proposal Amount (Base Bid with Owner's Contingency) Total above in both figures and words, In case of discrepancy, the amount shown in words will govern.)

\* Total Base Bid / Bid Online Total - The Bid Bond for this project should be based on the total base bid amount listed above and on the bid online system.

\*\* Total Bid Proposal Amount - The performance and payment bond should be based on the total bid proposal amount listed above.

**Alternate Bid No 1**

<u>Item No.</u>	<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price (\$)</u>	<u>Extension (\$)</u>
<b>A1-1</b>	<b>Precast Concrete Manhole Base (Centered Tee)</b>				
A1-1.1	6.1' to 8' Cut	5	EA	_____	_____
A1-1.2	8.1' - 10' Cut	5	EA	_____	_____
A1-1.3	10.1' - 12' Cut	10	EA	_____	_____
A1-1.4	12.1' -14' Cut	4	EA	_____	_____
A1-1.5	14.1' -16' Cut	2	EA	_____	_____
A1-1.6	16.1' -18' Cut	1	EA	_____	_____
<b>A1-2</b>	<b>Deduct Pay Item No. 8</b>	27	EA	_____	_____
<b><u>Alternate Bid No 1 Total:</u></b>					_____

Dollars \_\_\_\_\_ Cents \_\_\_\_\_

(Indicate the Total Base Bid/Bid Online Total above in both figures and words, In case of discrepancy, the amount shown in words will govern.)