

ADDENDUM NO. 2
TO
BID, CONTRACT, BOND, SPECIFICATIONS AND DRAWINGS
FOR
CARTER ROAD AREA WATER MAIN REPLACEMENT
FOR
LANCASTER COUNTY, SOUTH CAROLINA

Bids Received by 2:00 PM, Local Time, February 7, 2017

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY INSERTING ITS NUMBER IN THE BID FORM; FAILURE TO DO SO MAY SUBJECT BONA FIDE BIDDER TO DISQUALIFICATION. THIS ADDENDUM FORMS A PART OF THE PROJECT DOCUMENTS; IT MODIFIES THEM AS FOLLOWS:

CONTRACT DOCUMENTS

BID FORM Page 1 through Page 17	Delete the Bid Form Page 1 through Page 17 and replace them with the attached Bid Form Page ADD NO. 2, C-410-1 through Page ADD NO.2, C-410-17 dated February 1, 2017.
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STANDARD WATER SPECIFICATIONS

Section 1 Item 8 Page 1-3	Delete the second paragraph of this Item of this Section of the Specifications in its entirety that relates to the requirement for the LCWSD to locate features of the new water lines for record purposes.
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CONSTRUCTION DRAWINGS

Drawing C-01 Sheet 4 of 12	Delete Note #2 from the <u>NOTES FOR PAVEMENT REPAIRS</u>
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QUESTIONS AND ANSWERS

In response to questions and comments raised by the bidders and questions that have been formally submitted, responses are provided as follows and form a part of the Contract Documents:

- Comment:** What is the required method for fully abandoning existing pipes-- specifically the 2" and smaller water lines? Will the abandonment of the small lines require flowable fill?

Response (Amended): The 2" and smaller water lines will be physically separated from the water system, the ends of the water lines will be closed with a permanent plug/cap and the pipe will be abandoned in place. Also, see Note #40 on Drawing G-01.

- Question:** What is the engineering estimate for the project?

Response (update): The Engineer's Estimate for the Project is approximately \$1,200,000.

3. Question: Is crushed stone required to be used underneath the proposed waterlines? See bedding detail on Sheet C-01. Especially under 2" and smaller lines. Is this per specifications, or is there another option -- i.e. can the existing soil/bedding be used for bedding under the new lines?

Response: The bedding details do not identify the type of bedding/haunching material, which are identified in the Trenching Specifications (31 23 17). The Trenching Specification allows Class I (crushed stone) or non-cohesive Class II for PVC pipe (6"- 15") and non-cohesive Class II for PVC pipe (4" and smaller diameter). Yes, the existing soils meeting these requirements can be used (i.e., cohesive type – clay/clumpy material can't be used).

4. Comment: I was just going through the bid form section of the bid looking at the Article 7 – Attachments to This Bid subsection "B, C, D, & G". I don't see these forms in the book. I can list subs, suppliers, & references no problem but I'm not sure about the qualification statement. What exactly are you looking for here? Article 3 states this information could be requested after submitting a bid. Just making sure we submit all required paper work with the bid.

Response: The response to the information requested in subsections "B, C & D" can be provided in the format to be selected by the Contractor. Subsection "G" is removed from the revised bid form attached with this Addenda and does not need to be submitted with the Bid.

5. Comment: Also, I was reviewing LCWSD Standard Water Specifications Manual and on sheet 1-4 #8 it states LCWSD GIS department will locate all water appurtenances via GIS back pack at a cost to the developer. Do you know what this cost will be or what their fee schedule is?

Response: See Addenda #2.

6. Comment: Can you please clarify note 2 under Notes for Pavement Repair on C-01.

Will we be required to repair from edge of roadway to right of way or just our trench plus 1' on each side?

Response: An asphalt overlay is not detailed on the construction drawings and is not required for this project. Refer to Addenda #2.

7. Comment: Scott mentioned that you were going to take out the rock clause and make the job unclassified. Are you going to do the same for the bores? The language in the specs calls for them to be dirt bores.

Response: The project was always unclassified, Refer to Paragraph 1.1.D of Section 31 23 17. However, the rock clause will not be removed from the bores.

BID FORM

ARTICLE 1 – CARTER ROAD AREA WATER MAIN REPLACEMENT BID RECIPIENT

1.01 This Bid is submitted to:

Lancaster County Water and Sewer District, Attn: Engineering, 1400 Pageland Hwy, Lancaster, SC 29720

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and

- observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
 - G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
 - H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
 - I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
 - J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
Section I – Sigmon Street Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	2—1/2” PVC (PC200)	LF	279		
2.	2-1/2” Brass Pipe (threaded and as required transition coupling)	LF	17		
3.	Brass Fittings (Complete, incl. blocking, brass nipple, and transition coupling)	EA	2		
4.	Existing Pipe Connections				
a.	Sta. 3+97 6”x2-1/2” tapping saddle, gate valve & valve box, blocking, brass nipple, and transition coupling, Complete	LS	1		
5.	2-1/2” Gate Valve & Valve Box, brass nipple, and transition coupling	EA	1		
6.	Road Bores (Complete incl. furnishing all labor & materials, steel casing, carrier pipe, excavation of bore pits, sheeting of pits, backfill, and restoration of disturbed areas and all other related work.)				
a.	Great Falls Highway (SC 200) 8” Dia. Road Bore Sta. 2+80 to Sta. 3+80	LF	94		
7.	Remove/Replace Gravel Drive	LF	33		
8.	Asphalt Removal & Replacement				
a.	Asphalt Drive Removal & Replacement (C&P)	LF	54		
9.	Remove & Replace Concrete Sidewalk	LF	8		
10.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
11.	Erosion Control				
a.	Silt Fence (Sd1)	LF	203		
b.	Permanent Grassing	LF	203		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
12.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	2		
b.	¾" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	20		
c.	¾" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	40		
SUBTOTAL , Section I, Items 1 through 12, the amount of _____					
					Dollars
Section II – Barton Street Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	2—1/2" PVC (PC200)	LF	1,133		
2.	Brass Fittings (Complete, incl. blocking, brass nipple, and transition coupling)	EA	3		
3.	Existing Pipe Connections				
a.	Sta. 0+00 8"x2-1/2" tapping saddle, gate valve & valve box, blocking, brass nipple, and transition coupling, Complete	LS	1		
4.	Sta. 11+33 2" Blow-off Assembly (Complete, as detailed, including valves, transition coupling, brass pipe and appurtenances)	LS	1		
5.	2-1/2" Gate Valve & Valve Box, brass nipple, and transition coupling	EA	1		
6.	Remove & Replace Concrete Drive	LF	19		
7.	Asphalt Removal & Replacement				
a.	Asphalt Removal & Replacement (C&P) (Complete, including all pavement markings)	LF	136		
b.	Asphalt Removal & Replacement (C&PR) (Complete, including all pavement markings)	LF	40		
8.	Remove & Replace Concrete Island(s)	LF	50		
9.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
10.	Erosion Control				
a.	Silt Fence (Sd1)	LF	439		
b.	Sediment Tubes (A)	EA	2		
c.	Permanent Grassing	LF	808		
11.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	8		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	50		
c.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	120		
SUBTOTAL, Section II, Items 1 through 11, the amount of _____					
_____ Dollars					
Section III – High Point Circle Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	2—1/2" PVC (PC200)	LF	2229		
2.	2-1/2" Brass Pipe (threaded and as required transition coupling)	LF	34		
3.	Brass Fittings (Complete, incl. blocking, brass nipple, and transition coupling)	EA	8		
4.	Existing Pipe Connections				
a.	Sta. 0+00 6"x2-1/2" tapping saddle, gate valve & valve box, blocking, brass nipple, and transition coupling, Complete	LS	1		
b.	Sta. 24+47 8"x2-1/2" tapping saddle, gate valve & valve box, blocking, brass nipple, and transition coupling, Complete	LS	1		
5.	Sta. 13+81 2" Blow-off Assembly (Complete, as detailed, including valves, transition coupling, brass pipe and appurtenances)	LS	1		
6.	2-1/2" Gate Valve & Valve Box, brass nipple, and transition coupling	EA	2		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
7.	Road Bores (Complete incl. furnishing all labor & materials, steel casing, carrier pipe, excavation of bore pits, sheeting of pits, backfill, and restoration of disturbed areas and all other related work.)				
a.	Great Falls Highway (SC 200) 8" Dia. Road Bore Sta. 0+17 to Sta. 1+21	LF	104		
b.	Great Falls Highway (SC 200) 8" Dia. Road Bore Sta. 23+50 to Sta. 24+80	LF	80		
8.	Remove/Replace Gravel Drive	LF	48		
9.	Asphalt Removal & Replacement				
a.	Asphalt Drive Removal & Replacement (C&P)	LF	415		
10.	Remove & Replace Concrete Sidewalk	LF	29		
11.	Abandon Existing Water Line & Appurtenances Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
12.	Erosion Control				
a.	Silt Fence (Sd1)	LF	1721		
b.	Permanent Grassing (Ds3)	LF	1721		
c.	Storm Drain Inlet Protection (Sd2)	EA	3		
13.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	36		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	210		
c.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	880		
SUBTOTAL , Section III, Items 1 through 13, the amount of _____					
					Dollars

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
Section IV – Springdale Road Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	2—1/2" PVC (PC200)	LF	1736		
2.	6" PVC (C900)	LF	764		
3.	6" DIP, R.J.	LF	104		
4.	Brass Fittings (Complete, incl. blocking, brass nipple, and transition coupling)	EA	1		
5.	D.I. Fittings (Complete, including blocking or restraint)	TN	.15		
6.	Existing Pipe Connections				
a.	Sta. 0+00 6"x2-1/2" tapping saddle, gate valve & valve box, blocking, brass nipple, and transition coupling, Complete	LS	1		
b.	Sta. 26+04 8"x6" tapping saddle, gate valve & valve box, blocking, , Complete	LS	1		
7.	2-1/2" Gate Valve & Valve Box, brass nipple, and transition coupling	EA	1		
8.	Remove/Replace Concrete Drive	LF	38		
9.	Asphalt Removal & Replacement				
a.	Asphalt Drive Removal & Replacement (C&P)	LF	230		
b.	Asphalt Removal & Replacement (C&PR)	LF	46		
10.	Remove & Replace Concrete Sidewalk	LF	5		
11.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
12.	Erosion Control				
a.	Silt Fence (Sd1)	LF	729		
b.	Sediment Tubes (A)	EA	11		
c.	Permanent Grassing (Ds3)	LF	2271		
13.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	18		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	240		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
c.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	300		
SUBTOTAL , Section IV, Items 1 through 13, the amount of _____					
_____ Dollars					
Section V – Carter Road Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	2—1/2" PVC (PC200)	LF	1087		
2.	6" PVC (C900)	LF	759		
3.	6" DIP, R.J.	LF	210		
4.	Brass Fittings (Complete, incl. blocking, brass nipple, and transition coupling)	EA	1		
5.	D.I. Fittings (Complete, including blocking or restraint)	TN	0.3		
6.	Existing Pipe Connections				
a.	Sta. 0+66 (Old Carter Street) Connect to existing fire hydrant (Complete, including R.J. Piping, R.J. Sleeve, and Fittings)	LS	1		
7.	2-1/2" Stub- Out Assembly (Complete, including gate valve & valve box, piping, plug, straddle blocking and blow-off)	EA	1		
8.	Fire Hydrant Assembly (Complete)	EA	1		
9.	Gate Valve & Valve Box				
a.	2-1/2" Gate Valve & Valve Box, brass nipple, and transition coupling	EA	1		
b.	6" R.J. Gate Valve & Valve Box	EA	3		
10.	Remove/Replace Gravel Drive	LF	16		
11.	Asphalt Removal & Replacement				
a.	Asphalt Drive Removal & Replacement (C&P)	LF	52		
b.	Asphalt Removal & Replacement (C&PR)	LF	32		
12.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
13.	Erosion Control				
a.	Silt Fence (Sd1)	LF	1249		
b.	Sediment Tubes (A)	EA	6		
c.	Permanent Grassing (Ds3)	LF	1906		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
14.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	8		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	40		
c.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	160		
SUBTOTAL , Section V, Items 1 through 14, the amount of _____					
					Dollars
Section VI – Steele Street Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	6" PVC (C900)	LF	123		
2.	6" DIP, R.J.	LF	90		
3.	D.I. Fittings (Complete, including blocking or restraint)	TN	0.1		
4.	Existing Pipe Connections				
a.	Sta. 2+13 Connect to existing fire hydrant (Complete, including piping, R.J. Sleeve, and fittings)	LS	1		
5.	6" R.J. Gate Valve & Valve Box	EA	1		
6.	Asphalt Removal & Replacement				
a.	Asphalt Removal & Replacement (C&PR)	LF	32		
7.	Erosion Control				
a.	Sediment Tubes (A)	EA	2		
b.	Permanent Grassing (Ds3)	LF	181		
8	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	2		
b.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	70		
SUBTOTAL , Section VI, Items 1 through 8, the amount of _____					
					Dollars

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
Section VII – Victoria Street Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	6" PVC (C900)	LF	436		
2.	6" DIP.	LF	636		
3.	6" DIP, R.J.	LF	284		
4.	D.I. Fittings (Complete, including blocking or restraint)	TN	0.25		
5.	Existing Pipe Connections				
a.	Sta. 0+00 (Memorial Park Road) Remove plug at existing valve & connect, Complete	LS	1		
b.	Sta. 9+91 to Sta. 9+91 (Lt. 12.4) 2-1/2" Connection (Complete, including brass piping, fittings/sleeves, valve & valve box, cap & plug, blocking and all existing pipe removal)	LS	1		
c.	Sta. 13+56 (Grace Ave.) Remove plug at existing valve & connect, Complete	LS	1		
6	Fire Hydrant Assembly (Complete)	EA	1		
7.	Asphalt Removal & Replacement				
a.	Asphalt Drive Removal & Replacement (C&P)	LF	115		
8.	Concrete Drive Removal/Replacement	LF	13		
9.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
10.	Erosion Control				
a.	Silt Fence (Sd1)	LF	602		
b.	Sediment Tubes (A)	EA	5		
c.	Permanent Grassing (Ds3)	LF	1189		
11.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	9		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	10		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
c.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	320		
SUBTOTAL , Section VII, Items 1 through 11, the amount of _____					
					Dollars
Section VIII – Baker Street Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	2—1/2" PVC (PC200)	LF	1041		
2.	Brass Fittings (Complete, incl. blocking, brass nipple, and transition coupling)	EA	3		
3.	Existing Pipe Connections				
a.	Sta. 0+12 Complete, at existing tee	LS	1		
b.	Sta. 6+03 to Sta. 6+03 (Lt. 11.6) 2-1/2" Connection (Complete, including brass piping, fittings/sleeves, valve & valve box, cap & plug, blocking and all existing pipe removal)	LS	1		
4.	2-1/2" Gate Valve & Valve Box, brass nipple, and transition coupling	EA	2		
5.	Remove/Replace Gravel Drive	LF	73		
6.	Remove/Replace Concrete Drive	LF	83		
7.	Asphalt Removal & Replacement				
a.	Asphalt Drive Removal & Replacement (C&P)	LF	80		
b.	Asphalt Removal & Replacement (C&PR)	LF	73		
8.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
9.	Erosion Control				
a.	Silt Fence (Sd1)	LF	224		
b.	Sediment Tubes (A)	EA	5		
c.	Permanent Grassing (Ds3)	LF	739		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
10.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	12		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	60		
c.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	320		
SUBTOTAL , Section VIII, Items 1 through 10, the amount of _____					
					Dollars
Section IX – Kim Street Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	2—1/2" PVC (PC200)	LF.	1078		
2.	Brass Fittings (Complete, incl. blocking, brass nipple, and transition coupling)	EA	3		
3.	Existing Pipe Connections				
a.	Sta. 0+00 2-1/2" Connection (Complete, including piping, fittings/sleeves, coupling and blocking as required)	LS	1		
b.	Sta. 10+78 2-1/2" Connection (Complete, including piping, fittings/sleeves, coupling and blocking as required)	LS	1		
4.	2-1/2" Gate Valve & Valve Box, brass nipple, and transition coupling	EA	1		
5.	Sta. 10+50 Blow-off Assembly (Complete, as detailed, including valves, transition coupling, brass pipe and appurtenances)	LS	1		
6.	Remove/Replace Gravel Drive	LF	46		
7.	Asphalt Removal & Replacement				
a.	Asphalt Drive Removal & Replacement (C&P)	LF	156		
b.	Asphalt Removal & Replacement (C&PR)	LF	36		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
8.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
9	Erosion Control				
a.	Silt Fence (Sd1)	LF	780		
b.	Sediment Tubes (A)	EA	1		
c.	Permanent Grassing (Ds3)	LF	840		
10.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	16		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	90		
c.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	280		
SUBTOTAL , Section IX, Items 1 through 10, the amount of _____					
					_____ Dollars
Section X – Hance Street Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	6" PVC (C900)	LF	558		
2.	4" DIP, R.J	LF	5		
3.	6" DIP, R.J.	LF	198		
4.	Brass Fittings (Complete, incl. blocking, brass nipple, and transition coupling)	EA	1		
5.	D.I. Fittings (Complete, including blocking or restraint)	TN	0.2		
6.	Existing Pipe Connections				
a.	Sta. 8+02 6"x4" tapping saddle, R.J. gate valve & valve box, blocking, Complete	LS	1		
7.	Fire Hydrant Assembly (Complete)	EA	1		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
8.	Road Bores (Complete incl. furnishing all labor & materials, steel casing, D.I. R.J. carrier pipe, excavation of bore pits, sheeting of pits, backfill, and restoration of disturbed areas and all other related work.)				
a.	Grace Avenue 16" Dia. Road Bore Sta. 7+40 to Sta. 7+81	LF	41		
9.	Remove/Replace Gravel Drive	LF	24		
10.	Asphalt Removal & Replacement				
a.	Asphalt Drive Removal & Replacement (C&P)	LF	82		
11.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
12.	Erosion Control				
a.	Silt Fence (Sd1)	LF	80		
b.	Sediment Tubes (A)	EA	3		
c.	Permanent Grassing (Ds3)	LF	655		
13.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	13		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	120		
c.	3/4" Service Lateral – Bore/Drill (Complete, incl. service line, bore/drill of asphalt paving/sidewalk/curb & gutter and service installation from saddle to meter box.)	LF	200		
SUBTOTAL, Section X, Items 1 through 13, the amount of _____					
					Dollars
Section XI – Tilly Street Water Line: For furnishing all materials and equipment and performing all labor necessary for the pipeline construction.					
1.	2—1/2" PVC (PC200)	LF	332		
2.	Existing Pipe Connections				
a.	Sta. 0+00 6"x2-1/2" tapping saddle, gate valve & valve box, blocking, brass nipple, and transition coupling, Complete	LS	1		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
3.	Sta. 3+32 Blow-off Assembly (Complete, as detailed, including valves, transition coupling, brass pipe and appurtenances)	LS	1		
4.	Remove/Replace Gravel Road	LF	320		
5.	Asphalt Removal & Replacement				
a.	Asphalt Removal & Replacement (C&PR)	LF	12		
6.	Abandon Existing Water Line & Appurtenances (including pipe separation, valves, cap, plug, blocking and asphalt repairs)	LS	1		
7.	Erosion Control				
a.	Sediment Tubes (A)	EA	2		
b.	Permanent Grassing (Ds3)	LF	10		
8.	Service Connections				
a.	Existing Service Re-connections (Complete, incl. saddle, fittings and connection to existing/new services)	EA	1		
b.	3/4" Service Lateral – Open Cut (Complete, incl. service line, service installation from saddle to meter box and grassing)	LF	50		
SUBTOTAL, Section XI, Items 1 through 8, the amount of _____					
_____ Dollars					
Section XII – Extra Work If Ordered By The Engineer: (To cover authorized changes in scope of lump sum work)					
1.	Crushed Stone Stabilization (including Excavation and Disposal of Unsuitable Material)	CY	25		
2.	Timber Bracing or Sheeting (Left in Place)	MBM	1		
3.	Class "C" Concrete	CY	5		
4.	Compacted Earth Backfill	CY	25		
5.	Construction Entrance (Co)	EA	1		
SUBTOTAL, Section XII, Items 1 through 5, the amount of _____					
_____ Dollars					
TOTAL, Sections I through XII, the amount of _____					
_____ Dollars					

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor’s overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security;
 - B. List of Proposed Subcontractors;
 - C. List of Proposed Suppliers;
 - D. List of Project References;
 - E. Evidence of authority to do business in the state of the Project (i.e., local business license); or a written covenant to obtain such license within the time for acceptance of Bids;
 - F. Contractor’s License No.: _____;

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By: _____
[Signature]

[Printed name]
(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: _____
[Signature]

[Printed name]

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____
(where applicable)