



FAYETTEVILLE PUBLIC WORKS COMMISSION

PROCUREMENT DEPARTMENT

<https://www.faypwc.com/bids/>

Bid Addendum

PWC Number: PWC2223058

Bid Title : Big Rockfish Creek Outfall Contract II

Bid Opening Date and Time: July 25, 2023 @ 11:00 am

Addendum Number: 3

Addendum Date: July 19, 2023

Procurement Advisor: Tanya Hazlett

Tanya.hazlett@faypwc.com



1. The solicitation is hereby modified as follows:

- M1. A new Bid Form has been provided and attached to answer Q1, Q5 and Q7 below (updates to include pipe quantity, hydrostatic testing revisions, stream impact updates and pipe material requirements for 8" and 12" gravity sewer mains).
- M2. Detail SS-3=Typical Trench Bottom and Backfill Detail for SDR 26 and C900 PVC Pipe shall be included as part of the details included in the issued for bid drawings. The inclusion of this detail provides an answer to Q6 as noted below.
- M3. Pressure class requirements for restrained joint for large diameter pipe including 18" and 24" as indicated in Section 01000, Item 85. E is revised from Pressure Class 350 to Pressure Class 250.

2. Following are questions received about the solicitation and the SME's answers to the questions.

Q1. On sheet C-19 of the plans, it shows in the profile 24" Restrained Joint DIP that has depths in the 6'-8' and 8'-10' range. But on the bid form it does not have depths for these ranges under the restrained joint section. Will a new bid form be issued?

A1. Addressed in the above modification. See M1 above.

Q2. What is the detail for temporary asphalt patching?

A2: There is not a temporary asphalt patching detail. The contractor shall install ABC stone as detailed for the street reconstruction and permanent asphalt patch. The contractor shall complete the installation of sanitary sewer prior to reconstruction of the streets and permanent asphalt patch. The installation of sanitary sewer should be in a continuous nature to complete the construction with the least amount of public inconvenience. The maintenance stone item is for purposes allowing PWC's inspector the discretion of placement to assist with maintenance of traffic. The contractor will be responsible for maintaining the road cuts and transitions using great care in backfill, compaction, and placement and maintenance of stone base.

Q3. How is the contractor to be paid for temporary asphalt patching of all sewer trenches in the road prior to road restoration?

A3: The contractor will not be compensated for temporary asphalt patching of the NCDOT maintained roadways. The stone base necessary to maintain traffic and to complete the permanent path of Town of Hope Mills maintained streets and reconstruction of NCDOT maintained roadways shall be incidental to the Measurement and Payment Description U-28 and U-29 for bid form line items 30-a, 30-b, and 30-c of Part A and bid form line item 22 of Part B.

Q4. Will 4' x 4' plastic rock covers be acceptable for the 13 well houses?

A4: 01025 C8 – “Well House/Pump House should match existing well house that is being replaced.” Also noted on plans - see Plan Note 14.

Q5. Stream S7 is located outside of the work area but is included in the Bid Form. Please Clarify.

A5: It appears the ingress and egress will be through Lakeview Drive, so the Contractor should not impact stream S7. Mark, please verify and determine if we need to remove from bid.

Stream impacts are S8, S9, and S10. S7 needs to be changed to S9 on the revised bid form. See M1 above.

Q6. Can you tell me if select backfill will be required above the pipe or if the native material will be acceptable? Special Provision 85 calls out a detail SS-3 that is not shown on the plans, so we are unsure of the backfill material above the pipe.

A6. Final backfill material shall be suitable native material. Detail SS-3 was inadvertently left off the issued for bid drawings, but it has been included as part of this addendum. See M2 above.

Q7. The bid tab calls out Class 250 for all of the ductile but the special provisions call out Class 350 for the large diameter RJ DIP and Class 51 for the little bit of 8” and 12”. Is the 18” and 24” RJDIP supposed to be Class 250 or 350? Also what does the 8 and 12” need to be?

A7. The 18” and 24” RJDIP is to be Class 250 as indicated on the bid form. Section 01000, Item 85.E needs to be changed so that all ductile iron (restrained joint) for diameters 18-inches and 24-inches shall meet Pressure Class 250 requirements. See M3 above. The 8” and 12” pipe in Part B of the bid form shall Class 51 requirements consistent with Section 01000. The payment descriptions on the bid form will be revised as indicated in M1.

Failure to acknowledge receipt of this addendum may result in rejection of the response.

Check ONE of the following options:

- Bid has not been mailed. Any changes resulting from this addendum are included in our bid response.
- Bid has been mailed. No changes resulted from this addendum.
- Bid has been mailed. Changes resulting from this addendum are as follows:

Execute Addendum:

Offeror: _____

Authorized Signature: _____

Name and Titled (Typed): _____

Date: _____

00300 - BID FORM

TO: **Fayetteville Public Works Commission**
Attn: Tanya Hazlett, Procurement Advisor
955 Old Wilmington Road
Fayetteville, North Carolina 28301

PROJECT: **BIG ROCKFISH CREEK OUTFALL CONTRACT II**

FROM: BIDDER _____

ADDRESS _____

DATE OF BID _____, 20 ____

- A. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into a Contract with OWNER in the form included in the Contract Documents to perform and furnish all Work (as that term is defined in the Construction Agreement) specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the Contract Documents.

- B. BIDDER accepts all of the terms and conditions of the Instructions to Bidders, including, without limitation, those dealing with the disposition of payment and performance bonds, and insurance certificates. This bid will remain open for one hundred fifty (150) calendar days after the day of Bid opening. BIDDER will sign the Contract and submit the Contract Security and other documents required by the Contract Documents within ten (10) days after the date of receipt by the BIDDER.

- C. In submitting this Bid, Bidder represents, as more fully set forth in the Contract, that:
 - 1. BIDDER has examined copies of all the Contract Documents and of the following addenda, receipt of all which is acknowledged on the bid summary page:

 - 2. BIDDER has examined the site and locality where the Work is to be performed, the legal requirements (federal, state, and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress of performance of the work and has made such independent investigations as BIDDER deems necessary.

 - 3. BIDDER acknowledges that OWNER does not assume responsibility for the accuracy of dimensions or completeness of information and data shown or indicated in the Bidding Documents with respect to existing facilities.

 - 4. BIDDER has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the site of the Work (except underground facilities) and all drawings of physical conditions in or relating to existing surface or subsurface structures, pipelines, and utilities at or contiguous to the site are provided within these Contract Documents. Geotechnical Reports and other

information regarding subsurface conditions are identified in the attached appendices and detailed in Article V of the PWC General Conditions. BIDDER acknowledges that the OWNER does not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to underground facilities at or contiguous to the site of Work. BIDDER had obtained and carefully studied (or assumes responsibility for have done so) all such additional or supplementary examinations investigations, explorations, tests, studies, and data that are necessary to identify and understand conditions (surface, subsurface, and underground facilities) at or contiguous to the site of Work or otherwise which may affect cost, progress, performance, or furnishing the Work or which relate to any aspect of means, methods, techniques, sequences, and procedures of construction to be employed by Bidder and safety precautions and programs incident thereto. BIDDER waives all rights to claim that any additional examinations, investigations, explorations, tests, studies, or data are necessary for the proper submission of the Bid for the performance and furnishing of the Work in accordance with the Contract Time, Contract Price, and other terms and conditions of the Contract Documents.

5. BIDDER hereby certifies that, if awarded the Contract for construction of the Project, it will take all possible actions to minimize costs to the OWNER which are related to any disruptions in any part of the Work resulting from unforeseeable conditions which may be encountered and work changes or additions which may be made.
6. BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, exploration, tests, studies, and data with the Contract Documents.
7. BIDDER has given OWNER written notice of all conflicts, errors, ambiguities, or discrepancies that BIDDER has discovered in the Contract Documents and the written resolution thereof by OWNER is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
8. By bidding in response to this invitation, the BIDDER represents that in the preparation and submission of this Bid, said BIDDER did not, either directly or indirectly, enter into any combination or arrangement with any person, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1).
9. Bid form must be completed in blue or black ink or by typewriter. The Bid price of each item on the form must be stated in both words and numerals. In case of a conflict, words shall take precedence. Discrepancies in the multiplication of units of work and unit prices will be resolved in favor of the correct multiplication of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

10. BIDDER understands that the award of contract will be made on the basis of the total Bid amount which will be determined as the sum of the unit price and lump sum Bid Items.
11. BIDDER understands that quantities are estimated and are not guaranteed; they are solely for comparing Bids and establishing the total Bid amount. The Price will be modified by Change Order, and final payment will be based on the quantities of work actually furnished and installed by the successful BIDDER.
12. BIDDER shall complete the Work for the prices indicated on the next page.

- BID SUMMARY-

BASE BID, PART A - Big Rockfish Creek Sanitary Sewer Outfall (Station from Sta. 116+89 to Sta. 264+64)						
Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
SITE PREPARATION & ALLOWANCES						
1	1	Mobilization (less than or equal to 3% of Part A Bid) @_____ lump sum	LS	1	\$	\$
2	2	Traffic Control & Traffic Control Plan @_____ lump sum	LS	1	\$	\$
3	3	Allowance for "Third Party" Vibration Monitoring @_____ lump sum	LS	1	\$ 50,000.00	\$ 50,000.00
SANITARY SEWER MAIN INSTALLATION						
4	7	Furnish and Install PVC SDR-26 (Pipe Stiffness 115) Sewer Pipe (Open Trench) 18-inch Sanitary Sewer				
4-a		8' - <10' Depth @_____ per linear foot	LF	141	\$	\$
4-b		10' - <12' Depth @_____ per linear foot	LF	140	\$	\$
4-c		12' - <14' Depth @_____ per linear foot	LF	130	\$	\$
4-d		14' - <16' Depth @_____ per linear foot	LF	303	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
4-e		16' - <18' Depth @_____per linear foot	LF	529	\$	\$
4-f		18' - <20' Depth @_____per linear foot	LF	186	\$	\$
4-g		20' - <22' Depth @_____per linear foot	LF	40	\$	\$
5	7	Furnish and Install PVC SDR-26 (Pipe Stiffness 115) Sewer Pipe <u>Open Trench</u>				
		24-inch Sanitary Sewer				
5-a		8' - <10' Depth @_____per linear foot	LF	233	\$	\$
5-b		10' - <12' Depth @_____per linear foot	LF	679	\$	\$
5-c		12' - <14' Depth @_____per linear foot	LF	773	\$	\$
5-d		14' - <16' Depth @_____per linear foot	LF	609	\$	\$
5-e		16' - <18' Depth @_____per linear foot	LF	260	\$	\$
5-f		18' - <20' Depth @_____per linear foot	LF	365	\$	\$
5-g		20' - <22' Depth @_____per linear foot	LF	166	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
5-h		22' - <24' Depth @_____per linear foot	LF	30	\$	\$
6	8	Furnish and Install C900 PVC DR-18 Sewer Pipe (Open Trench)				
		18-inch Sanitary Sewer				
6-a		0' - <8' Feet Depth @_____per linear foot	LF	213	\$	\$
6-b		8' - <10' Depth @_____per linear foot	LF	323	\$	\$
6-c		10' - <12' Depth @_____per linear foot	LF	586	\$	\$
6-d		12' - <14' Depth @_____per linear foot	LF	272	\$	\$
6-e		14' - <16' Depth @_____per linear foot	LF	325	\$	\$
6-f		16' - <18' Depth @_____per linear foot	LF	91	\$	\$
7	8	Furnish and Install C900 PVC DR-18 Sewer Pipe (Open Trench)				
		24-inch Sanitary Sewer				
7-a		10' - <12' Depth @_____per linear foot	LF	193	\$	\$
7-b		12' - <14' Depth @_____per linear foot	LF	2,162	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
7-c		14' - <16' Depth @_____per linear foot	LF	380	\$	\$
7-d		16' - <18' Depth @_____per linear foot	LF	282	\$	\$
7-e		18' - <20' Depth @_____per linear foot	LF	213	\$	\$
7-f		20' - <22' Depth @_____per linear foot	LF	734	\$	\$
7-g		22' - <24' Depth @_____per linear foot	LF	205	\$	\$
7-h		24' - <26' Depth @_____per linear foot	LF	25	\$	\$
8		8	Furnish and Install Restrained Joint C900 PVC DR-18 Sewer Pipe (Open Trench) 24-inch Sanitary Sewer			
8-a		12' - <14' Depth @_____per linear foot	LF	695	\$	\$
8-b		14' - <16' Depth @_____per linear foot	LF	330	\$	\$
8-c		16' - <18' Depth @_____per linear foot	LF	638	\$	\$
8-d		18' - <20' Depth @_____per linear foot	LF	364	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
8-e		20' - <22' Depth @_____per linear foot	LF	248	\$	\$
8-f		22' - <24' Depth @_____per linear foot	LF	79	\$	\$
9	9	Furnish and Install Epoxy-Lined Class 250 Ductile Iron Sewer Pipe (Open Trench) 18-inch DIP Sanitary Sewer				
9-a		0' - <8' Depth @_____per linear foot	LF	121	\$	\$
9-b		8' - <10' Depth @_____per linear foot	LF	120	\$	\$
9-c		10' - <12' Depth @_____per linear foot	LF	33	\$	\$
9-d		12' - <14' Depth @_____per linear foot	LF	44	\$	\$
9-e		14' - <16' Depth @_____per linear foot	LF	17	\$	\$
10	9	Furnish and Install Epoxy-Lined Class 250 Ductile Iron Sewer Pipe (Open Trench) 24-inch DIP Sanitary Sewer				
10-a		14' - <16' Depth @_____per linear foot	LF	54	\$	\$
10-b		16' - <18' Depth @_____per linear foot	LF	96	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
11	10	Furnish and Install Class 250 Restrained Joint Epoxy-Lined Ductile Iron Sewer Pipe (Open Trench)				
		24-inch DIP Sanitary Sewer				
11-a		0' - <8' Depth @_____per linear foot	LF	93	\$	\$
11-b		8' - <10' Depth @_____per linear foot	LF	187	\$	\$
11-c		12' - <14' Depth @_____per linear foot	LF	36	\$	\$
11-d		14' - <16' Depth @_____per linear foot	LF	372	\$	\$
11-e		16' - <18' Depth @_____per linear foot	LF	40	\$	\$
11-f		20' - <22' Depth @_____per linear foot	LF	4	\$	\$
11-g		22' - <24' Depth @_____per linear foot	LF	12	\$	\$
12	11	Furnish Steel Encasement Pipe installed by Guaranteed Encased Trenchless Crossing with RJ Epoxy lined DIP Class 250 Sanitary Sewer Carrier Pipe				
12-a		54-inch Steel Encasement Pipe installed by Guaranteed Trenchless Crossing with 24-inch Sanitary Sewer Carrier Pipe @_____per linear foot	LF	626	\$	\$
13	13	Furnish and Install Sewer Service Lateral				

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
13-a		PVC Sewer Service Lateral, 6-inch Diameter @_____per each	EA	2	\$	\$
SANITARY SEWER MANHOLES						
14	15	Furnish and Install Precast Concrete Manhole				
		Furnish and Install 4' Dia. Precast Concrete Manhole, Non-Traffic, CamLock Ring and Cover				
14-a		8' - <10' Feet Depth @_____each	EA	3	\$	\$
14-b		12' - <14' Depth @_____each	EA	2	\$	\$
14-c		14' - <16' Depth @_____each	EA	4	\$	\$
14-d		16' - <18' Depth @_____each	EA	5	\$	\$
15	15	Furnish and Install 5' Dia. Precast Concrete Manhole, Non-Traffic, CamLock Ring and Cover				
15-a		10' - <12' Depth @_____each	EA	1	\$	\$
15-b		12' - <14' Depth @_____each	EA	4	\$	\$
15-c		14' - <16' Depth @_____each	EA	1	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
15-d		16' - <18' Depth @_____ each	EA	1	\$	\$
15-e		18' - <20' Depth @_____ each	EA	1	\$	\$
15-f		20' - <22' Depth @_____ each	EA	2	\$	\$
15-g		22' - <24' Depth @_____ each	EA	1	\$	\$
15-h		24' - <26' Depth @_____ each	EA	1	\$	\$
16	15	Furnish and Install 5' Dia. Precast Concrete Manhole, Traffic, Standard Ring and Cover				
16-a		8' - <10' Depth @_____ each	EA	4	\$	\$
16-b		10' - <12' Depth @_____ each	EA	5	\$	\$
16-c		12' - <14' Depth @_____ each	EA	9	\$	\$
16-d		14' - <16' Depth @_____ each	EA	4	\$	\$
16-e		16' - <18' Depth @_____ each	EA	7	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
16-f		20' - <22' Depth @_____each	EA	1	\$	\$
16-g		22' - <24' Depth @_____each	EA	2	\$	\$
17	15	Furnish and Install 5' Dia. Precast Concrete Manhole, Traffic, CamLock Ring and Cover				
17-a		10' - <12' Depth @_____each	EA	1	\$	\$
17-b		12' - <14' Depth @_____each	EA	2	\$	\$
17-c		14' - <16' Depth @_____each	EA	2	\$	\$
17-d		16' - <18' Depth @_____each	EA	2	\$	\$
17-e		20' - <22' Depth @_____each	EA	1	\$	\$
18	17	Furnish and Install Standard Manhole Vents @_____each	EA	9	\$	\$
19	18	Connect To Existing Manhole				
19-a		24-inch Diameter (Approx. Stat. 116+90, SSMH 45) @_____each	EA	1	\$	\$
20	16	Furnish and Install Inside Drop				

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
20-a		Interior Drop Structure for Sewer Service Lateral, 6-inch Diameter @_____per vertical foot	VF	10	\$	\$
21	20	Furnish and Install Anti-Microbial Admixture, Cementitious Base Coating and Polymeric Lining				
21-a		4-foot Inside Diameter @_____per vertical foot	VF	22	\$	\$
21-b		5-foot Inside Diameter @_____per vertical foot	VF	285	\$	\$
22	19	Furnish and Install Manhole Insert Odor Control @_____each	EA	3	\$	\$
EROSION AND SEDIMENTATION CONTROL						
23	21	Furnish and Install Erosion and Sedimentation Control Devices @_____lump sum	LS	1	\$	\$
24	22	Furnish and Install Anti-Seepage Collars				
24-a		Compacted Clay on 18" C900 PVC @_____each		10	\$	\$
24-b		Compacted Clay or Placed Concrete on 18" DIP @_____each		1	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
24-c		Compacted Clay on 24" C900 PVC @_____ each		19	\$	\$
25	23	Convert Temporary Construction Entrance to Permanent Access @_____ each	EA	3	\$	\$
26	24	Furnish and Install Temporary Stream Crossing				
26-a		Stream S8 @_____ each	EA	1	\$	\$
26-b		Stream S9 @_____ each	EA	1	\$	\$
26-c		Stream S10 @_____ each	EA	1	\$	\$
27	25	Furnish and Install Temporary Wetland Crossing				
27-a		Wetland 1/A @_____ each	EA	1	\$	\$
27-b		Wetland 2 @_____ each	EA	1	\$	\$
27-c		Wetland 18 @_____ each	EA	1	\$	\$
27-d		Wetland 26 @_____ each	EA	1	\$	\$
27-e		Wetland 27 @_____ each	EA	1	\$	\$
27-f		Wetland 28 @_____ each	EA	1	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
27-g		Wetland 29 @_____ each	EA	1	\$	\$
27-h		Wetland B @_____ each	EA	1	\$	\$
27-i		Wetland C @_____ each	EA	1	\$	\$
28	26	Sod Grass Installation (Between Lakeview Drive and Camden Road) @_____ per square foot	SF	296,510	\$	\$
29	27	Permanent Seeding (Contract 2 Beginning to Lakeview Drive and Camden Road to Contract 2 End)				
29-a		Non-wetland Areas @_____ per square foot	SF	153,920	\$	\$
29-b		Wetland Areas @_____ per square foot	SF	151,905	\$	\$
INCIDENTALS, DEMOLITION AND RESTORATION						
30	29	Reconstruct NCDOT Maintained Residential Street (NOA)				
30-a		Lakeview Drive @_____ per square yard	SY	4,400	\$	\$
30-b		Lake Farm Road @_____ per square yard	SY	1,250	\$	\$
30-c		Mariner's Landing Drive @_____ per square yard	SY	6,250	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
31	30	Mill and Overlay @_____per square yard	SY	1,155	\$	\$
32	32	Dirt Road Repair @_____per square yard	SY	1,195	\$	\$
33	33	Removal and Replacement of Concrete @_____per square yard	SY	915	\$	\$
34	31	Gravel Driveway Repair @_____per square yard	SY	287	\$	\$
35	38	Removal and Replacement Drainage Pipe				
35-a		15-inch Diameter Reinforced Concrete Pipe @_____per linear foot	LF	560	\$	\$
35-b		18-inch Diameter Reinforced Concrete Pipe @_____per linear foot	LF	48	\$	\$
35-c		24-inch Diameter Reinforced Concrete Pipe @_____per linear foot	LF	144	\$	\$
35-d		48-inch Diameter Corrugated Plastic Pipe @_____per linear foot	LF	52	\$	\$
36	34	Undercut Pipe Trench and Replacement with No. 57 or 67 Stone for Pipe Foundation @_____per cubic yard	CY	1,000	\$	\$

Item No.	Spec. 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
37	35	Removal of Unsuitable Material Excavation and Backfill with Select Material @_____per cubic yard	CY	27,000	\$	\$
38	36	Rock Excavation and Replacement with Select Backfill @_____per cubic yard	CY	150	\$	\$
39	37	Maintenance Stone (No Overage Allowed) @_____per square yard	SY	11,930	\$	\$
40	45	Replacement of Existing Water Service Connection (AQUA) @_____each	EA	22	\$	\$
41	39	<i>Hydrostatic Pressure Testing of New 24-inch Sewer Pipe at Aerial Pipes, Pipes Near Private Wells and Pipes Crossing Wetlands</i> @_____per linear foot	LF	7,451	\$	\$
42	39	Hydrostatic Pressure Testing of New 18-inch Sewer Pipe at Aerial Pipes, Pipes Near Private Wells and Pipes Crossing Wetlands @_____per linear foot	LF	2,101	\$	\$
Subtotal-Part A, Base Bid						\$

PART B (Bid Add Alternate) - Peartree Estates Sanitary Sewer & Camden Glen Lift Station Connection						
SITE PREPARATION & ALLOWANCES						
Item No.	Spec 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
1	1	Mobilization (less than or equal to 3% of Part B Bid) @_____ lump sum	LS	1	\$	\$
2	2	Traffic Control & Traffic Control Plan @_____ lump sum	LS	1	\$	\$
3	4	Lift Station Demolition - Camden Glen LS Abandonment @_____ lump sum	LS	1	\$	\$
4	3	Allowance for "Third Party" Vibration Monitoring @_____ lump sum	LS	1	\$5,000.00	\$5,000.00
SANITARY SEWER MAIN INSTALLATION						
5	7	Furnish and Install PVC SDR-26 (Pipe Stiffness 115) Sewer Pipe (Open Trench)				
		8-inch Sanitary Sewer				
5-a		10' - <12' Depth @_____ per linear foot	LF	36	\$	\$
5-b		12' - <14' Depth @_____ per linear foot	LF	50	\$	\$
5-c		14' - <16' Depth @_____ per linear foot	LF	23	\$	\$
5-d		16' - <18' Depth @_____ per linear foot	LF	20	\$	\$

Item No.	Spec 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
5-e		18' - <20' Depth @_____per linear foot	LF	78	\$	\$
5-f		20' - <22' Depth @_____per linear foot	LF	121	\$	\$
5-g		22' - <24' Depth @_____per linear foot	LF	52	\$	\$
6	10	Furnish and Install Class 51 Restrained Joint Epoxy-Lined Ductile Iron Sewer Pipe (Open Trench) 8-inch Sanitary Sewer				
6-a		10' - <12' Depth @_____per linear foot	LF	5	\$	\$
7	10	Furnish and Install Class 51 Restrained Joint Epoxy-Lined Ductile Iron Sewer Pipe (Open Trench) 12-inch Sanitary Sewer				
7-a		8' - <10' Depth @_____per linear foot	LF	44	\$	\$
7-b		10' - <12' Depth @_____per linear foot	LF	15	\$	\$
8	11	Furnish Steel Encasement Pipe installed by Guaranteed Encased Trenchless Crossing with RJ Epoxy lined Class 51 DIP Sanitary Sewer Carrier Pipe				

Item No.	Spec 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
8-a		36-inch Steel Encasement Pipe installed by Guaranteed Trenchless Crossing with 12-inch Sanitary Sewer Carrier Pipe @_____per linear foot	LF	411	\$	\$
9	12	Connect to Existing Sewer (Sheet C36A)				
9-a		8-inch Diameter @_____each	EA	1	\$	\$
10	14	Reconnect Existing Sanitary Sewer Service				
10-a		4" Sanitary Sewer Service @_____each	EA	1	\$	\$
SANITARY SEWER MANHOLES						
11	15	Furnish and Install Precast Concrete Manhole				
		Furnish and Install 4' Dia. Precast Concrete Manhole, Non-Traffic, Standard Ring and Cover				
11-a		8' - <10' Depth (Installation of Temporary Manhole - Sheet C36A) @_____each	EA	1	\$	\$
11-b		12' - <14' Depth @_____each	EA	1	\$	\$
12	15	Furnish and Install 4' Dia. Precast Concrete Manhole, Traffic, Standard Ring and Cover				
12-a		12' - <14' Depth @_____each	EA	1	\$	\$
12-b		18' - <20' Depth @_____each	EA	1	\$	\$

Item No.	Spec 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
13	15	Furnish and Install 5' Dia. Precast Concrete Manhole, Traffic, Standard Ring and Cover				
13-a		18' - <20' Depth @_____ each	EA	1	\$	\$
13-b		22' - <24' Depth @_____ each	EA	1	\$	\$
14	17	Furnish and Install Standard Manhole Vents @_____ each	EA	1	\$	\$
15	16	Furnish and Install Interior Drop Structure				
15-a		8-inch Diameter @_____ per vertical foot	VF	14	\$	\$
WATER MAIN INSTALLATION						
16	42	Remove and Replace 2-inch SDR-21 PVC Water Main @_____ per linear foot	LF	40	\$	\$
17	44	Remove and Replace 2-inch Blow-off Assembly on SDR-21 PVC Water Main @_____ each	EA	1	\$	\$
18	43	Furnish and Install 2-inch Ball Valve on Existing PVC Water Main (Cut-in Connection) @_____ each	EA	1	\$	\$
19	46	Sterilization and Testing	LS	40	\$	\$
EROSION AND SEDIMENTATION CONTROL						

Item No.	Spec 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
20	21	Furnish and Install Erosion and Sedimentation Control Devices @_____ lump sum	LS	1	\$	\$
21	26	Sod Grass Installation @_____ per square foot	SF	18,750	\$	\$
INCIDENTALS, DEMOLITION AND RESTORATION						
22	28	Asphalt Pavement Patch (FAYPWC M.1&M.2) @_____ per square yard	SY	115	\$	\$
23	30	Mill and Overlay @_____ per square yard	SY	700	\$	\$
24	33	Concrete Curb Repair @_____ per linear foot	LF	110	\$	\$
25	34	Undercut Pipe Trench and Replacement with No. 57 or 67 Stone for Pipe Foundation @_____ per cubic yard	CY	25	\$	\$
26	35	Removal of Unsuitable Material Excavation and Backfill with Select Material @_____ per cubic yard	CY	25	\$	\$
27	36	Rock Excavation and Replacement with Select Backfill @_____ per cubic yard	CY	15	\$	\$
28	40	Remove Existing Manhole (Sheet C36A-Existing Sewer Manhole in cul de sac and Temporary Manhole) @_____ each	EA	2	\$	\$

Item No.	Spec 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
29	38	Removal and Replacement Drainage Pipe				
29-a		18-inch Diameter Reinforced Concrete Pipe @_____ per linear foot	LF	20	\$	\$
30	41	Removal and Replacement Drainage Structures				
30-a		Curb Inlet Structures (Inclusive of connecting pipe) @_____ each	EA	2	\$	\$
Subtotal Add Alternate Bid, Part B						\$
PART C - Well Abandonment/Relocation						
Item No.	Spec 01025 Ref. No.	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
1	C1	Mobilization (Less than or Equal to 5% of the Total Bid Price) @_____ lump sum	LS	1		
2	C2	Traffic Control & Traffic Control Plan @_____ lump sum	LS	1		
3	C3	Erosion and Sedimentation Control & Erosion and Sedimentation Control Plan @_____ lump sum	LS	1		
4	C4	Clearing & Grubbing @_____ per acre	AC	1		
5	C5	Fence Removal & Replacement @_____ per linear foot	LF	308		

Item No.	Spec 01025 Ref. No..	Description	Unit	Estimated Quantities	Bid Unit Price	Bid Price
6	C6	Well Abandonment @_____ each	EA	13		
7	C7	Water Supply Well System Installation @_____ each	EA	13		
8	C8	Furnish & Install Well House/Pumphouse @_____ each	EA	13		
9	C9	Replacement of Existing Residential Water Well Electrical Systems @_____ each	EA	13		
10	C10	Well Electrical System Upfits (Allowance)	ALLOW	1	\$50,000.00	\$50,000.00
11	C11	Replacement of Existing Residential Water Well Plumbing Systems @_____ each	EA	13		
12	C12	Furnish & Install SOD (NOA) @_____ per square yard	SY	3,325		
13	C13	Gravel/Soil Driveway Restoration @_____ per square yard	SY	676		
Subtotal Base Bid, Part C						\$
Total Base Bid (Part A + Part C)						\$
Total Alternate Base Bid (Part A + Part B + Part C)						\$

- BID SUMMARY-

TOTAL PART "A" BIG ROCKFISH CREEK SANITARY SEWER OUTFALL (STA. 116+89 TO STA. 264+64)-BASE	\$ _____
TOTAL PART "C" WELL ABANDONMENT/RELOCATION-BASE	\$ _____
TOTAL BASE BID	\$ _____
TOTAL PART "A" BIG ROCKFISH CREEK SANITARY SEWER OUTFALL (STA. 116+89 TO STA. 264+64)	\$ _____
TOTAL PART "B" PEARTREE ESTATES SANITARY SEWER & CAMDE GLEN LIFT STATION CONNECTION-ADD ALTERNATE	\$ _____
TOTAL PART "C" WELL ABANDONMENT/RELOCATION-BASE	\$ _____
TOTAL BASE ALTERNATE BID	\$ _____

The BIDDER has received, acknowledged, and used the following addenda in completing the Bid. (Initial and Date as appropriate).

Addendum No. 1	Date _____
Addendum No. 2	Date _____
Addendum No. 3	Date _____
Addendum No. 4	Date _____
Addendum No. 5	Date _____
Addendum No. 6	Date _____
Addendum No. 7	Date _____

The undersigned BIDDER certifies that they are licensed as a Contractor under N.C.G.S § 87, and that their license number is _____ (License Number).

The undersigned BIDDER hereby agrees to accept an award of the Contract based on the Total Contract Amount as accepted by the OWNER and as indicated on the Notice of Award.

A. BIDDER agrees that Work shall be completed within the time frame indicated in the Agreement as follow:

1. All work described herein to be complete, including restoration and all punch list within 670 consecutive calendar days from the start date stipulated on Notice to Proceed.
2. The BIDDER acknowledges that time is of the essence in this Contract and that the OWNER will suffer financial loss if the Work is not complete within the time specified in Paragraph D.1 above plus any extensions thereof allowed in accordance with these Contract Documents. BIDDER also recognizes the delays, expense and difficulties involved in proving in a legal proceeding the actual loss suffered by the OWNER if the Work is not complete on time. The Bidder agrees to diligently pursue all available work and complete all work in an expeditious manner.

B. The following documents are attached to and made part of this bid:

Required Bid Security in the form of either a cashier's check or certified check or Bid Bond in the amount of 5% of maximum Bid price.

C. Communications concerning this Bid shall be addressed to: (CONTRACTOR's Name, Address and Telephone Number)

D. The terms used in this Bid which are defined in Definitions and Terminology Section of the PWC General Conditions or as otherwise specifically defined in the Contract Documents have the meanings assigned to them therein, which are incorporated by reference as if fully set forth herein.

E. An individual contractor is required to furnish his social security number and sole proprietorship, partnership and corporation are required to furnish their employer identification numbers to Fayetteville Public Works Commission. Please indicate this information on this Bid Form as follows:

Social Security Number: _____

Federal Employer Identification Number: _____

SUBMITTED ON ____ day of _____ 2023

AN INDIVIDUAL

BY: _____ (SEAL)

(Individual's Name and Signature)

Doing Business as: _____

North Carolina Contractor Registration Number: _____

Business Address: _____

Phone Number: _____

Subscribed and sworn to before me this ____ day of _____ 2023

NOTARY PUBLIC

My Commission Expires: _____

A PARTNERSHIP

BY: _____ (SEAL)

(Firm Name)

(General Partner and Signature)

North Carolina Contractor Registration Number: _____

Business Address: _____

Phone Number: _____

Subscribed and sworn to before me this ____ day of _____ 2023

NOTARY PUBLIC

My Commission Expires: _____

A CORPORATION

BY: _____

(Corporation Name)

(State of Incorporation)

BY: _____ (SEAL)

(Name and Title of Person Authorized to Sign and Signature)

ATTEST: _____

(Secretary or Assistant Secretary and Signature)

North Carolina Contractor Registration Number: _____

Business Address: _____

Phone Number: _____

Subscribed and sworn to before me this ____ day of _____ 2023

NOTARY PUBLIC

My Commission Expires: _____

A JOINT VENTURE

BY: _____

(Name and Signature)

Doing Business as: _____

North Carolina Contractor Registration Number: _____

Business Address: _____

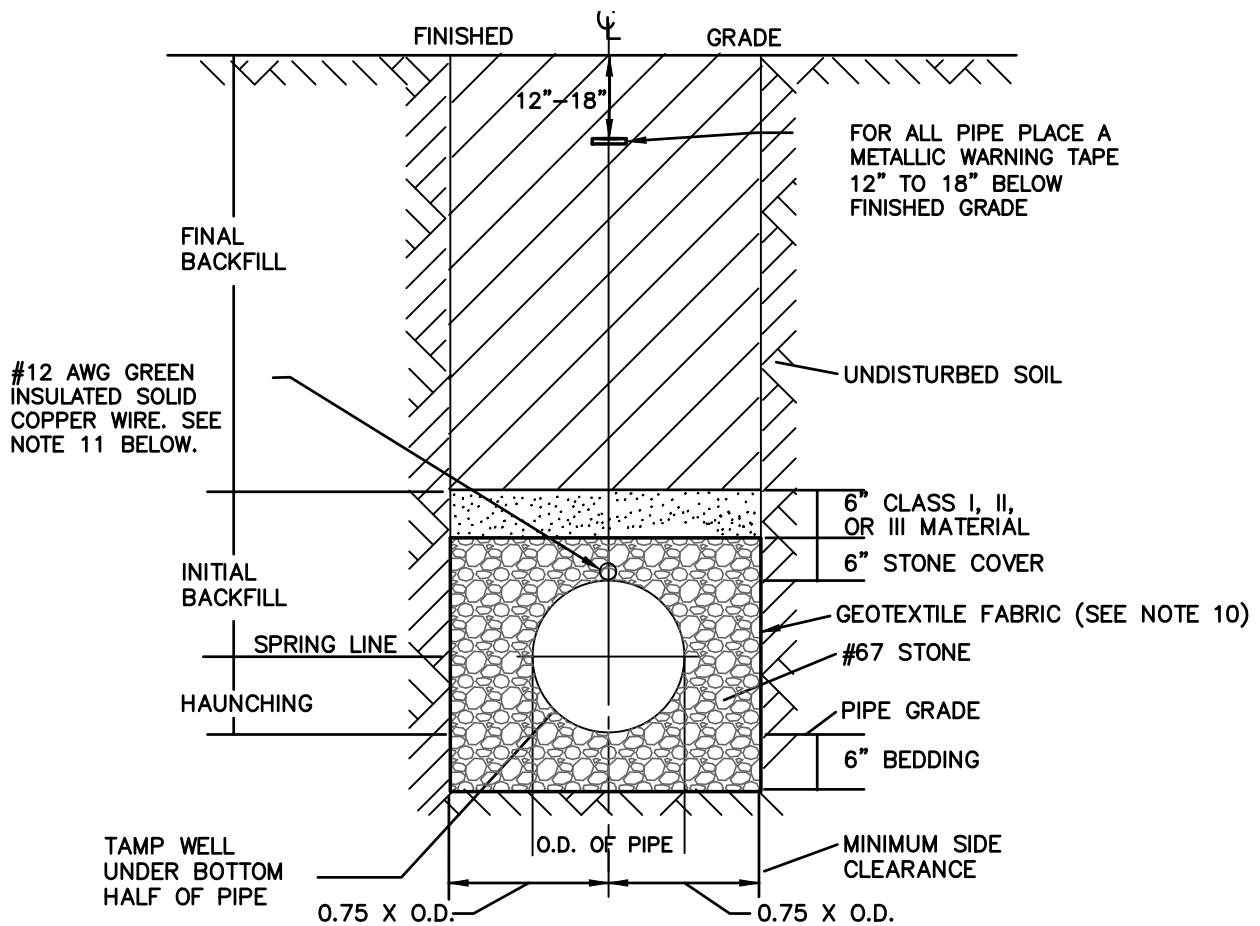
Phone Number: _____

Subscribed and sworn to before me this ____ day of _____ 2023

NOTARY PUBLIC

My Commission Expires: _____

(Each joint venturer must sign. The name of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)



NOTES:

1. FOR TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING AND BRACING.
2. NO ROCKS OR BOULDERS 2" OR LARGER TO BE USED IN TOP 6" OF INITIAL BACKFILL AND NONE 6" OR LARGER IN FINAL BACKFILL.
3. FINAL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 12" IN NON-TRAFFIC AREAS.
5. TOTAL TRENCH WIDTH SHALL BE A MINIMUM OF 1.5XO.D. OF PIPE.
6. ACHIEVE 90% COMPACTION IN BEDDING, HAUNCHING AND INITIAL BACKFILL. SEE CONTRACT DOCUMENTS FOR COMPACTION REQUIREMENTS IN FINAL BACKFILL.
7. IF IN EASEMENT 4" TOPSOIL, AND 12" CLEAN SELECT FILL IS REQUIRED.
8. CONTRACTOR SHALL UTILIZE METHODS NECESSARY TO MAINTAIN A FULL 6" OF STONE OVER THE PIPE FOLLOWING EXTRACTION OF TRENCH BOX AND/OR SHEETING.
9. CONTRACTOR SHALL ENSURE PIPE COUPLINGS/JOINTS ARE NOT DEFLECTED WHEN TWO PIPES ARE JOINED.
10. STONE BEDDING SHALL BE FULLY ENCLOSED IN A GEOFABRIC WRAP EXCEPT WHERE EMBEDMENT ZONE IS SURROUNDED BY TRENCH WALLS COMPRISED OF HARD ROCK. EMBEDMENT ZONE INCLUDES BEDDING BELOW PIPE TO 6" ABOVE TOP OF PIPE.

SS-3 - TYPICAL TRENCH BOTTOM AND BACKFILL DETAIL FOR SDR 26 AND C900 PVC PIPE (SANITARY SEWER)

N.T.S