

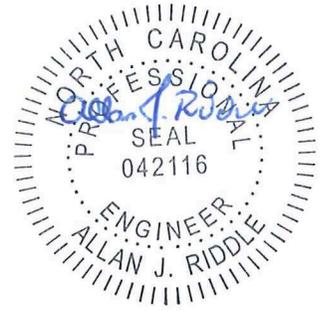


FAYETTEVILLE PUBLIC WORKS COMMISSION

PROCUREMENT DEPARTMENT

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

Bid Addendum



PWC Number: PWC2526034

Bid Title: Phase V Annexation Project XV Construction Area 32 East Sections II

Bid Opening Date and Time: January 28, 2026 @ 2:00 pm

Addendum Number: 1

Addendum Date: January 21, 2026

Procurement Advisor: *Shelby Lesane*
procurement@faypwc.com

1. Addenda acknowledgement is required within the IFB Bid Pricing Form.
2. The solicitation is hereby modified as follows:
 - M1. 00300 – Bid Pricing Form:** The IFB 00300 – Bid Form has been updated and replaced, as attached to this addendum. Bids shall be submitted on the printed forms, or exact copies thereof. Failure to provide full and complete Bid Forms using the form provided herein will result in a bid being deemed non-responsive.
 - M2. 01025 – Measurement and Payment:** The measurement and payments have been updated and replaced. Bidders shall take note of these revisions and shall taken into consideration and be included in there bid proposals.
3. Following are questions received about the solicitation and the SME's answers to the questions.
 - Q1.** Is the GC on this project supposed to provide grinder pumps where necessary? We see installed by others in the notes but no mention about the material.
 - A1.** The GC is not supposed to provide grinder pumps in this project. Grinder pumps are to be installed by a third party and are not included in the project scope.
 - Q2.** What are the well sizes and approximate depths? We need this to help determine the well abandonment pricing.
 - A2.** The well records for the properties requiring well abandonment were not able to be obtained from the Cumberland County Department of Public Health. Available well records for properties within the project area were reviewed. For bidding purposes, please assume a 4-inch well diameter and a total depth of 50-feet.

Attachments:

Pre-Bid Conference Agenda & Attendance

Bid Pricing Form

Measurement and Payments



RONNA ROWE GARRETT, COMMISSIONER
DONALD L. PORTER, COMMISSIONER
CHRISTOPHER G. DAVIS, COMMISSIONER
RICHARD W. KING, COMMISSIONER
TIMOTHY L. BRYANT, CEO/GENERAL MANAGER

FAYETTEVILLE PUBLIC WORKS COMMISSION
955 OLD WILMINGTON RD
P.O. BOX 1089
FAYETTEVILLE, NORTH CAROLINA 28302-1089
TELEPHONE (910) 483-1401
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Phase V Annexation, Project XV, Construction Area 32 East Section II

Pre-Bid Conference
January 13, 2026, 10:00AM
Teleconference

1. Welcome and Introductions (see last page)
2. Project Overview
 - a. Sewer Installation
 - i. 6,360 LF of 8-inch sanitary sewer main
 - ii. 1,033 LF of 8-inch sanitary sewer via bore and jack
 - iii. 610 LF of 8-inch sanitary sewer main aerial crossings
 - iv. 34 EA Sanitary Sewer Manholes
 - v. 41 EA Sanitary Sewer Laterals
 - vi. 1,700 LF of 12-inch water main
 - vii. 55 LF of 12-inch water main via bore and jack
3. Bid Items
 - a. Questions due by 5:00 p.m., Friday, January 16, 2026
 - i. All questions about the meaning or intent of the bid or Contract Documents shall be submitted in writing to Shelby Lesane, PWC Procurement Advisor (procurement@faypwc.com)
 - b. Addendum issued by 5:00 p.m., Wednesday, January 21, 2026
 - i. Addendum will include answers to questions received at Pre-bid and by the Question deadline
 - ii. Pre-bid Minutes
 - c. All Bids due 2:00 p.m., Wednesday, January 28, 2024; the bid documents specify the bid opening will be held at 2:00 p.m. Bids will be opened inside PWC Administrative Building, Conference Room 107. All bid packages must be submitted directly to the Procurement Services Department or brought to PWC on the day of the bid opening. If mailing the bid, it is suggested the bidder obtain a tracking number and notify PWC by email that it is on its way. All bidders are reminded to inform security that they are turning in a bid to the Procurement Services Department, and not to leave the bid package at the security desk.
 - d. Notice to Proceed expected in April/May 2026
 - e. 250-day contract duration
 - i. Calculation: 65 LF/day for sanitary sewer, 100 LF/day for storm drainage, an additional 110 days added for miscellaneous tasks such as restoration and testing.
 - ii. No additional time for weather delays has been included in the Contract Time Calculation. In accordance with the Contract Documents, the Contractor will be required to submit a request for time due to weather delays within 30 days of the occurrence. \$1,000 per day liquidated damages.
 - f. A Bid Bond is required for this project and must be submitted with all bids.

BUILDING COMMUNITY CONNECTIONS SINCE 1905

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

- g. All prospective bidders should thoroughly review the Bid Evaluation information listed in Volume I of the Contract Documents. If any information is omitted, the submitted bid may be considered incomplete. Incomplete bid packages may be rejected as non-responsive. A Bid Evaluation Checklist has been provided.
4. Minority, Women, Disadvantaged Business Enterprise (MWDBE) Program Requirements
- a. PWC has adopted a new SDBE Program that promotes utilizing Small & Disadvantaged Business Enterprises for PWC procurements, effective December 1, 2025. The entire program and related documents are included within the contract documents.
 - b. The SDBE Program requires bidders to solicit certified SDBE businesses and report any efforts to do so. A link to the SDBE online directory can be found in the bid packet.
 - c. PWC's geographical statistical area for the SDBE Program includes NC DOT Regions 3–8 and 10.
 - d. This project has an aspirational goal of at least 5% SDBE participation for construction contracts. These goals are evaluated annually and may be adjusted based on market availability.
 - e. All SDBE documents required to be submitted with the bid are clearly marked. Good faith outreach and subcontractor utilization efforts can be documented in the SDBE forms provided in the contract documents. It is encouraged for bidders to provide these efforts at the time of bid submittal, but it is not required. Program staff will reach out to the lowest responsive, responsible bidder to obtain good faith effort evidence if not included in the bid package. At that time, the bidder is required to provide documentation within 24 hours or the following business day.
 - f. The awarded bidder is required to comply with the SDBE Program requirements and submit subcontractor payment details on the SLS/SDBE disclosure forms with each pay application, including the final pay application. Non-compliance with subcontractor utilization or payment reporting may result in delays in pay application review and payments.
 - g. PWC also values the participation of local vendors in our procurements. Contractors are encouraged to consider the use of local vendors whenever possible and identify such vendors in their bid. PWC's Metropolitan Statistical Area (MSA) for local vendors includes Cumberland, Hoke, and Harnett Counties. Local vendor payments should also be included with subcontractor payment reporting.
 - h. **Bidders with program questions or needing assistance locating certified SDBE businesses may contact Aaron Harris via email at Aaron.Harris@faypwc.com or EIprogram@faypwc.com. Please include the type of subcontracted work and/or NAICS code(s) in the request.**
5. Contract Items
- a. General and Administrative (Vol. I) – Contains information specific to this project:
 - i. General Conditions
 - ii. Measurement and Payment
 - b. Technical Specifications (Vol. I)
 - i. 02000 Special Provisions
 - c. Other Technical Information (Appendices) – 100-Year Casing Certification, Structural Survey, Geotechnical Report, Nationwide 58 Permit, AQUA America Water Specifications, Claims Forms, Lateral Relocation Release, Water Permit, Sanitary Sewer Permit, Easement Special Conditions, and Approved Erosion and Sediment Control Forms.
6. Construction Issues
- a. Easement acquisition is incomplete. There are forty-nine (49) easements on the project.
 - i. The Contractor is expected to adhere to the easement special conditions listed in Appendices of the Contract Documents.
 - ii. All work including clearing operations should be performed inside the PUE and TCE, or public right-of-way.

- iii. There is a total of twelve pending easements. These easements will be provided via addendum. A delay of entry is anticipated for these easements. These properties are listed at the end of this document.
- b. Customer Service – It is expected that the Contractor recognize they are working in subdivisions, public right-of-way, and on private properties. All personnel are to be respectful and courteous. The Contractor shall follow the Contract requirements for dealing with complaints that may arise during construction. The Contract working hours are 7 AM to 5 PM, Monday thru Friday, and 9:00 AM to 4:00 PM within NCDOT Right-of-Ways. The working hours will be enforced. There will be no work on weekends and PWC recognized holidays.
- c. Testing and Acceptance
 - i. Compaction testing will be conducted in accordance with the Contract Documents.
 - 1. Compaction testing will be coordinated by the PWC Project Coordinator.
 - 2. PWC will contract directly with the materials testing firm and pay for all initial compaction testing. However, the Contractor will be charged for all retests and bracket testing for failed compaction testing.
 - ii. Testing of the sewer mains, manholes, water mains, and laterals shall be conducted in accordance with the Contract Documents.
 - 1. Contractor shall coordinate with the PWC Project Coordinator two (2) business days prior to schedule testing.
- d. Traffic Control – Traffic Control shall be in accordance with the most recent edition of the MUTCD, NCDOT Standards, and the Approved Traffic Control Plan. The Contractor is required to submit traffic control plans for approval to the Project Engineer for work in both NCDOT and City of Fayetteville roadways. These plans shall be approved prior to work beginning in any roadway. In accordance with the Contract Documents, the Contractor shall notify the City of Fayetteville and PWC by close of business the Wednesday of the previous business week, indicating which roadways will be affected by the work for the upcoming week. This notification shall include a brief sketch. The Contractor shall abide by all NCDOT and City of Fayetteville requirements when working within their respective rights-of-way.
- e. Erosion Control – The Contractor will be required to abide by the approved erosion control plan and permit daily. The Contractor is also required to submit a supplemental erosion plan for their staging area to NCDEQ for approval. Upon completion of the project, the staging area shall be seeded, and ground cover established, in accordance with the requirements of the erosion control permit.
- f. Water Services
 - i. AQUA and PWC both own water mains within project limits.
 - ii. If an AQUA water service is damaged during construction, the Contractor is expected to replace the water service from main to meter with poly pipe. If any damage to facilities occurs, the PWC Project Coordinator and the AQUA representative shall be notified.
 - 1. AQUA’s field representative during construction is:
Katie Mclean (910) 695-5846 ksdickens@aquaaamerica.com
Kyle Mckay (815) 954-3350 KCMckay@aquaaamerica.com
Scott McMaster (910) 728-1043 Samcmaster@aquaaamerica.com
 - iii. If a PWC water service is damaged, pipes will be replaced with copper pipe, from main to meter.
- g. Restoration – Sod will be utilized for all easement areas and lateral trenches. Areas outside the project limits that are damaged shall be considered collateral damage areas and shall be restored with sod at no cost to PWC.
- h. This project includes Permanent Pavement Patch, which consists of 8-inches of ABC stone base and 2-inches of surface course.

- i. The Contractor will be required to place and compact 10-inches of ABC stone in the trenches immediately after installation of the sanitary sewer main and laterals. The upper 2-inches of ABC stone will be removed for paving.
 - i. Staging Area - requirements can be found in General Conditions, Section 5.01 C. The Contractor is required to submit an approved supplemental erosion control plan to PWC. Any Temporary Use and Truck Route Permit fees shall be the Contractor's responsibility.
 - j. Truck Route Bond – Division II, 02000 Special Provisions, 1.034 Permits, the Contractor will be required to bond those City streets outside the project limits that will be utilized for construction activities. A bond amount of \$25,000 is anticipated.
- 7. Design Engineer Comments
 - a. There are two aerial crossings that traverse the wetlands which will be subject to 404 permit conditions and restoration requirements. These are included in the appendices.
- 8. City of Fayetteville Comments
 - a. Ethan Riddle said that when he was provided with the location of the staging yard, he would provide the Truck Route Bond amount.
- 9. Questions asked during Pre-Bid - Additional questions may be submitted in writing before the deadline of 5pm, January 16, 2026.
 - a. Is there a Geo-Tech report? Yes. It is included with the Pre-Bid documents in the appendices.
 - b. Is there an Engineer's Estimate? No. An Engineer's Estimate will not be made available to the public before the bid deadline.
- 10. Adjourn

The following people signed in to signify attendance:

<u>name</u>	<u>company</u>	<u>phone</u>	<u>email</u>
Michael Youngblood	Ardurra	919-782-0465	myoungblood@ardurra.com
Monroe Huckaby	Ardurra	919-437-0031	mhuckaby@ardurra.com
Victoria Robb	Ardurra	919-782-0495	vrobb@ardurra.com
Ethan Riddle	City of Fayetteville	910-433-1271	ethanriddle@fayettevillenc.gov
Valerie Morrison	M & C Logistics	910-494-8913	valerie@mclogisticsnc.com
Adam Gross	Moffat Pipe, Inc	919-295-4630	bids@moffatpipe.com
Jack Harte	Park Construction of NC, Inc	919-812-2615	bids@parknc.com
Ethan Grisson	Pipeline Utilities, Inc.	919-810-1768	egrissom@pui-nc.com
Aaron Harris, EI Program	PWC		aaron.harris@faypwc.com
Shelby Lesane, Procurement	PWC		shelby.lesane@faypwc.com
Allan (AJ) Riddle, Principal Engineer	PWCWR ENGINEERING		allan.riddle@faypwc.com
Liz Testa, Admin II	PWCWR ENGINEERING		liz.testa@faypwc.com
Dean Froelich	TA Loving, Inc	919-709-8586	dfroelich@taloving.com
Jeff Price	TA Loving, Inc	919-734-8400	jprice@taloving.com
Robert Ellis	TA Loving, Inc	919-583-3914	rellis@taloving.com
Ryan Darden	TA Loving, Inc	984-323-1539	rdarden@taloving.com
Donald Gipson	Vortex Civil Infrastructure	919-904-3766	dgipson@vortexcivil.com

DELAY OF ENTRY LIST OF PROJECT PARCELS
PRESENTLY UNSETTLED- WITH NO ACCESS ALLOWED
(In process of negotiating or requesting condemnation)

- PWC Project **Parcel 4** (9495-21-4187) – Pelican Property Holdings, LLC, CJR Property Holdings, LLC, & K&Js Properties, LLC
- PWC Project **Parcel 13** (9495-10-5082) – Mohler Homes, Inc.
- PWC Project **Parcel 20** (9495-10-2006) – Dorothy M. Quick, widow
- PWC Project **Parcel 21** (9494-19-1848) – Dorothy M. Quick, widow
- PWC Project **Parcel 22** (9494-19-0796) – Dorothy M. Quick, widow
- PWC Project **Parcel 23** (9494-09-9677) – Dorothy M. Quick, widow
- PWC Project **Parcel 37** (9495-02-0327) – Aqua North Carolina
- PWC Project **Parcel 38** (9495-02-1233) 2nd Acquisition of added TCE – Robert F. Kiildsen & Britney Kiildsen (f/k/a Britney Elizabeth Cox)
- PWC Project **Parcel 39** (9495-01-0726) – James J. Autry, Jr., et ux
- PWC Project **Parcel 40** (9485-91-9971) – James Julian Autry, Jr., et ux, et al
- PWC Project **Parcel 41** (9485-92-9110) – Brandon Scott Baxley and Barrett Christian Baxley
- PWC Project **Parcel 46** (9495-11-5715) – Pelican Property Holdings, LLC, CJR Property Holdings, LLC, & K&Js Properties, LLC

00300 - BID FORM

TO: Fayetteville Public Works Commission
Attn: Shelby Lesane, Procurement Advisor II
955 Old Wilmington Road
Fayetteville, North Carolina 28301

**PROJECT: PWC2526034 - PHASE V ANNEXATION PROJECT XV CONSTRUCTION AREA
32 EAST SECTIONS 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 ninety (90) 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.

FAYETTEVILLE PUBLIC WORKS COMMISSION
ANNEXATION PHASE V, PROJECT XV CONSTRUCTION
AREA 32 EAST SECTION II
FAYETTEVILLE, NORTH CAROLINA
ADDENDUM NO. 1 - BID FORM

BIDDER NAME: _____

Item No.	Ref. No.	Item	Estimated Quantities	Unit	Unit Price	Cost Extension
PART "A" STREET CONSTRUCTION - "BASE BID"						
A-1	G-1	Mobilization and Demobilization @ _____ lump sum	1	LS		
A-2	G-2	Traffic Control and Traffic Plan @ _____ lump sum	1	LS		
A-3	A-1	2-inches min., SF9.5A for Permanent Pavement Patch (No Overage Allowed, NOA) @ _____ square yard	495	SY		
A-4	A-2	2-inches min., SF9.5A Permanent Pavement Patch Failed Areas - PWC (NOA) @ _____ square yard	20	SY		
A-5	A-3	Undercut Excavation in Asphalt Subgrade (NOA) @ _____ per cubic yard	60	CY		
A-6	A-4	Remove and Replace Concrete Driveways (NOA) @ _____ per square yard	570	SY		
A-7	A-5	Incidental Stone @ _____ per ton	18	TN		
A-8	A-6	Maintenance Stone (NOA) @ _____ per square yard	40	SY		
A-9	A-7	Replace Gravel/Soil Driveway with Aggregate Base Course @ _____ per square yard	1,055	SY		
A-10	A-8	Remove and Replace Asphalt Driveways (NOA) @ _____ per square yard	600	SY		
		TOTAL PART "A" STREET CONSTRUCTION - "BASE BID"				

BIDDER NAME: _____

FAYETTEVILLE PUBLIC WORKS COMMISSION
 ANNEXATION PHASE V, PROJECT XV CONSTRUCTION
 AREA 32 EAST SECTION II
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Item No.	Ref. No.	Item	Estimated Quantities	Unit	Unit Price	Cost Extension
PART "C" WATER CONSTRUCTION - "BASE BID"						
C-1	G-1	Mobilization and Demobilization @ _____ lump sum	1	LS		
C-2	G-2	Traffic Control and Traffic Plan @ _____ lump sum	1	LS		
C-3	G-3	Erosion and Sediment control @ _____ lump sum	1	LS		
C-4	G-4	Clearing and Grubbing, Permanent Easements @ _____ per acre	0.028	AC		
C-5	G-4	Clearing and Grubbing, Temporary Easements @ _____ per acre	0.020	AC		
C-6	G-5	Sod (No Overage Allowed) @ _____ per square yard	3,820	SY		
C-7	G-6	Temporary Seeding (No Overage Allowed) @ _____ per acre	0.80	AC		
C-8	C-1	12-Inch Ductile Iron Water Main Installation @ _____ per linear foot	400	LF		
C-9	C-2	12-Inch Restrained Joint Ductile Iron Water Main @ _____ per linear foot	1,300	LF		
C-10	C-3	Guided Bore & Jack 24-inch Steel Encasement W/ 12-inch RJDIP Carrier Pipe @ _____ per linear foot	55	LF		
C-11	C-4	Undercut Excavation @ _____ per cubic yard	45	CY		
C-12	C-5	12-Inch Restrained Joint Gate Valves @ _____ per each	5	EA		
C-13	C-6	Tapping Sleeve & Valve: 16-Inch X 16-Inch X 12-Inch @ _____ per each	1	EA		

BIDDER NAME: _____

FAYETTEVILLE PUBLIC WORKS COMMISSION
 ANNEXATION PHASE V, PROJECT XV CONSTRUCTION
 AREA 32 EAST SECTION II
 FAYETTEVILLE, NORTH CAROLINA
 ADDENDUM NO. 1 - BID FORM

Item No.	Ref. No.	Item	Estimated Quantities	Unit	Unit Price	Cost Extension
C-14	C-7	12-Inch X 12-Inch X 6-Inch Fire Hydrant Installation @ _____ per each	5	EA		
C-15	C-8	CONNECT TO EXISTING WATER MAIN @ _____ per each	1	EA		
C-16	C-9	Sterilization & Testing @ _____ per linear foot	1,755	LF		
C-17	C-10	Well Abandonment @ _____ per each	2	EA		
C-18	G-8	Borrow Excavation @ _____ per cubic yard	45	CY		
		TOTAL PART "C" WATER CONSTRUCTION - "BASE BID"				

BIDDER NAME: _____
FAYETTEVILLE PUBLIC WORKS COMMISSION
ANNEXATION PHASE V, PROJECT XV CONSTRUCTION
AREA 32 EAST SECTION II
FAYETTEVILLE, NORTH CAROLINA
ADDENDUM NO. 1 - BID FORM

<i>Item No.</i>	<i>Ref. No.</i>	<i>Item</i>	<i>Estimated Quantities</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Cost Extension</i>
PART "D" SANITARY SEWER UTILITIES - "BASE BID"						
D-1	G-1	Mobilization and Demobilization @ _____ lump sum	1	LS		
D-2	G-2	Traffic Control and Traffic Plan @ _____ lump sum	1	LS		
D-3	G-3	Erosion and Sediment control @ _____ lump sum	1	LS		
D-4	G-4	Clearing and Grubbing, Permanent Easements @ _____ per acre	2.72	AC		
D-5	G-4	Clearing and Grubbing, Temporary Easements @ _____ per acre	2.22	AC		
D-6	G-5	Sod (No Overage Allowed) @ _____ per square yard	49,853	SY		
D-7	G-5	Sod (Sanitary Sewer Laterals) (No Overage Allowed) @ _____ per square yard	34.00	SY		
D-8	G-6	Temporary Seeding (No Overage Allowed) @ _____ per acre	11,000	AC		
D-9	G-7	Wetland Seeding (No Overage Allowed) @ _____ per acre	0.125	AC		
D-10	D-1	8" SDR26 PVC Sanitary Sewer 10'-12' Depth @ _____ per linear foot	175	LF		
D-11	D-2	8" CL 50 DI Sanitary Sewer 0'-6' Depth @ _____ per linear foot	78	LF		
D-12	D-2	8" CL 50 DI Sanitary Sewer 6'-8' Depth @ _____ per linear foot	1,053	LF		
D-13	D-2	8" CL 50 DI Sanitary Sewer 8'-10' Depth @ _____ per linear foot	608	LF		

BIDDER NAME: _____
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AREA 32 EAST SECTION II
FAYETTEVILLE, NORTH CAROLINA
ADDENDUM NO. 1 - BID FORM

<i>Item No.</i>	<i>Ref. No.</i>	<i>Item</i>	<i>Estimated Quantities</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Cost Extension</i>
D-14	D-2	8" CL 50 DI Sanitary Sewer 10'-12' Depth @ _____ per linear foot	546	LF		
D-15	D-2	8" CL 50 DI Sanitary Sewer 12'-14' Depth @ _____ per linear foot	652	LF		
D-16	D-2	8" CL 50 DI Sanitary Sewer 14'-16' Depth @ _____ per linear foot	339	LF		
D-17	D-2	8" CL 50 DI Sanitary Sewer 16'-18' Depth @ _____ per linear foot	503	LF		
D-18	D-2	8" CL 50 DI Sanitary Sewer 18'-20' Depth @ _____ per linear foot	29	LF		
D-19	D-2	8" CL 50 DI Sanitary Sewer 20'-22' Depth @ _____ per linear foot	59	LF		
D-20	D-2	8" CL 50 DI Sanitary Sewer 22'-24' Depth @ _____ per linear foot	86	LF		
D-21	D-2	8" CL 50 DI Sanitary Sewer 24'-26' Depth @ _____ per linear foot	76	LF		
D-22	D-2	8" CL 50 DI Sanitary Sewer 26'-28' Depth @ _____ per linear foot	69	LF		
D-23	D-2	8" CL 50 DI Sanitary Sewer 28'-30' Depth @ _____ per linear foot	259	LF		
D-24	D-20	8" CL 50 Restrained DI Sanitary Sewer 0'-6' Depth @ _____ per linear foot	45	LF		
D-25	D-20	8" CL 50 Restrained DI Sanitary Sewer 6'-8' Depth @ _____ per linear foot	527	LF		
D-26	D-20	8" CL 50 Restrained DI Sanitary Sewer 8'-10' Depth @ _____ per linear foot	362	LF		

BIDDER NAME: _____

FAYETTEVILLE PUBLIC WORKS COMMISSION
 ANNEXATION PHASE V, PROJECT XV CONSTRUCTION
 AREA 32 EAST SECTION II
 FAYETTEVILLE, NORTH CAROLINA
 ADDENDUM NO. 1 - BID FORM

Item No.	Ref. No.	Item	Estimated Quantities	Unit	Unit Price	Cost Extension
D-27	D-20	8" CL 50 Restrained DI Sanitary Sewer 10'-12' Depth @ _____ per linear foot	260	LF		
D-28	D-20	8" CL 50 Restrained DI Sanitary Sewer 12'-14' Depth @ _____ per linear foot	161	LF		
D-29	D-20	8" CL 50 Restrained DI Sanitary Sewer 14'-16' Depth @ _____ per linear foot	97	LF		
D-30	D-20	8" CL 50 Restrained DI Sanitary Sewer 16'-18' Depth @ _____ per linear foot	91	LF		
D-31	D-20	8" CL 50 Restrained DI Sanitary Sewer 18'-20' Depth @ _____ per linear foot	159	LF		
D-32	D-20	8" CL 50 Restrained DI Sanitary Sewer 20'-22' Depth @ _____ per linear foot	106	LF		
D-33	D-3	Guided Bore & Jack (24" Steel Encasement, 0.375" thick, w/ 8" Restrained DIP Carrier Pipe) (Typical Launch Pit) @ _____ per linear foot	1,033	LF		
D-34	D-17	Open Cut (24" Steel Encasement, 0.375" thick, w/ 8" Restrained DIP Carrier Pipe) @ _____ per linear foot	31	LF		
D-35	D-19	Furnish and Install Aerial 8-inch Class 53 RJDIP Crossing (Including Piles) @ _____ per linear foot	610	LF		
D-36	D-4	Sanitary Sewer Manhole 5' Dia 12'-14' Depth @ _____ per each	1	EA		
D-37	D-4	Sanitary Sewer Manhole 4' Dia 0'-6' Depth @ _____ per each	2	EA		
D-38	D-4	Sanitary Sewer Manhole 4' Dia 6'-8' Depth @ _____ per each	3	EA		

BIDDER NAME: _____

FAYETTEVILLE PUBLIC WORKS COMMISSION
 ANNEXATION PHASE V, PROJECT XV CONSTRUCTION
 AREA 32 EAST SECTION II
 FAYETTEVILLE, NORTH CAROLINA
 ADDENDUM NO. 1 - BID FORM

Item No.	Ref. No.	Item	Estimated Quantities	Unit	Unit Price	Cost Extension
D-39	D-4	Sanitary Sewer Manhole 4' Dia 8'-10' Depth @ _____ per each	7	EA		
D-40	D-4	Sanitary Sewer Manhole 4' Dia 10'-12' Depth @ _____ per each	6	EA		
D-41	D-4	Sanitary Sewer Manhole 4' Dia 12'-14' Depth @ _____ per each	6	EA		
D-42	D-4	Sanitary Sewer Manhole 4' Dia 14'-16' Depth @ _____ per each	4	EA		
D-43	D-4	Sanitary Sewer Manhole 4' Dia 16'-18' Depth @ _____ per each	2	EA		
D-44	D-4	Sanitary Sewer Manhole 4' Dia 18'-20' Depth @ _____ per each	1	EA		
D-45	D-4	Sanitary Sewer Manhole 4' Dia 22'-24' Depth @ _____ per each	1	EA		
D-46	D-4	Sanitary Sewer Manhole 4' Dia 30'-32' Depth @ _____ per each	1	EA		
D-47	D-5	Sanitary Sewer Doghouse Manhole 5' Dia 10'-12' Depth @ _____ per each	1	EA		
D-48	D-18	Sanitary Sewer Temporary Manhole (Cokefield Ct) 4' Dia 10' Depth @ _____ per each	1	EA		
D-49	D-6	Abandon Existing Manhole (Cokefield Ct) (inclusive of Removal of Existing and Temporary Manholes) @ _____ per each	2	EA		
D-50	D-7	Abandon Existing Lateral (Cokefield Ct) (inclusive of Removal of Existing and Temporary Laterals) @ _____ per each	6	EA		

FAYETTEVILLE PUBLIC WORKS COMMISSION
ANNEXATION PHASE V, PROJECT XV CONSTRUCTION
AREA 32 EAST SECTION II
FAYETTEVILLE, NORTH CAROLINA
ADDENDUM NO. 1 - BID FORM

BIDDER NAME: _____

<i>Item No.</i>	<i>Ref. No.</i>	<i>Item</i>	<i>Estimated Quantities</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Cost Extension</i>
D-51	D-8	Abandon Existing Sewer Main (Cokefield Ct) @ _____ per linear foot	130	LF		
D-52	D-9	Reconnect Sewer Lateral to Existing Plumbing (Cokefield Ct) @ _____ per each	3	EA		
D-53	D-10	4" Interior Drop Structure @ _____ per each	7	EA		
D-54	D-10	8" Interior Drop Structure @ _____ per each	3	EA		
D-55	D-11	4" PVC Sanitary Sewer Lateral @ _____ per each	1	EA		
D-56	D-12	4" DIP Sanitary Sewer Lateral @ _____ per each	36	EA		
D-57	D-12	4" RJDIP Sanitary Sewer Lateral @ _____ per each	4	EA		
D-58	D-13	8" Connection to Existing Structure @ _____ per each	2	EA		
D-59	D-14	Undercut Excavation @ _____ per cubic yard	560	CY		
D-60	D-15	Testing @ _____ per linear foot	8,014	LF		
D-61	D-16	Install Cam-Lock Ring & Cover on Existing Manhole @ _____ per each	1	EA		
D-62	G-8	Borrow Excavation @ _____ per cubic yard	225	CY		

BIDDER NAME: _____

FAYETTEVILLE PUBLIC WORKS COMMISSION
 ANNEXATION PHASE V, PROJECT XV CONSTRUCTION
 AREA 32 EAST SECTION II
 FAYETTEVILLE, NORTH CAROLINA
 ADDENDUM NO. 1 - BID FORM

Item No.	Ref. No.	Item	Estimated Quantities	Unit	Unit Price	Cost Extension
D-63	B-8	Remove and Replace with new pipe 15" CL IV RCP 0'-6' Depth @ _____ per linear foot	50	LF		
D-64	G-9	Install 6' Chain Link Double Gates Across Easements @ _____ per each	1	EA		
		TOTAL PART "D" SANITARY SEWER UTILITIES - "BASE BID"				

TOTAL PART "A" STREET CONSTRUCTION - "BASE BID"

TOTAL PART "C" WATER CONSTRUCTION - "BASE BID"

TOTAL PART "D" SANITARY SEWER UTILITIES - "BASE BID"

TOTAL BASE BID

- BID SUMMARY-

TOTAL PART "A" STREET CONSTRUCTION	\$ _____
TOTAL PART "B" INTENTIONALLY OMITTED	
TOTAL PART "C" WATER CONSTRUCTION	\$ _____
TOTAL PART "D" SANITARY SEWER UTILITIES	\$ _____
TOTAL BASE BID (A+C+D)	\$ _____

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 _____ (Contractor Name) 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 items from Notice to Proceed until the completion date noted in the 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 _____ 2026

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 _____ 2026

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 _____ 2026

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 _____ 2026

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 _____ 2026

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.)

**DIVISION I
1025 MEASUREMENT AND PAYMENT**

GENERAL

- A. The purpose of this Section is to define the methods of measurement and payment for each of the unit prices and/or lump sum prices listed in the Bid Form, which are required to construct the Work.
- B. The unit price and/or lump sum price bid shall be full compensation for the work required under each bid item, which shall include all incidental costs relative thereto. Certain items of work are specified and/or shown as a detail in the Contract Documents and drawings; bid prices shall include all items of work required to furnish and/or install each in accordance with the Project requirements, whether specifically stated or itemized in the Measure and Payment description.
- C. Certain items of work listed hereinafter may not be required on this project and shall be denoted as not applicable.
- D. Certain bid items have been designated to conform to maximum payment widths and/or lengths and no additional payment therefore will be allowed unless otherwise approved by the Owner. These designated items will be as identified in the Bid Form, Technical Specifications and as may be indicated on the Contract Drawings. The designation of these items of work shall be noted as "No Overage Allowed" or "NOA". Prospective bidders shall be responsible for verifying that the actual quantities of work are listed in the Bid Form prior to submitting bids, and include all costs (regardless of whether the Bid quantities are over or under the quantities indicated on the plans) in the unit price bid.

THE FOLLOWING PAYMENT ITEMS ARE APPLICABLE IN ALL PARTS A,B,C,D,G

General

G-1 MOBILIZATION AND DEMOBILIZATION

- A. Payment under the lump sum bid price shown under each PART of the Bid Form includes costs associated with mobilizing to the project site, including permits, licenses, insurance, bonds, the mobilization of personnel and equipment and other related costs. Fifty percent (50%) of the mobilization costs will be paid as part of the first payment application, and the remaining fifty percent (50%) as part of the second payment application submitted. Payment also includes all costs associated with demobilizing personnel and equipment from the project site upon completion of work.

G-2 TRAFFIC CONTROL

- A. Payment under the lump sum bid price shown under each PART of the Bid Form shall include all costs associated with traffic control throughout the project, including the development of a traffic control plan, furnishing, installing and maintaining all traffic control signage and devices, relocating or removing existing signs or other traffic control devices, replacement of street signs, and any other necessary traffic control devices and coordinating with the municipality and/or NCDOT to minimize disruption to the public.

- B. All traffic control plans, devices, signage, traffic patterns, and road closures must be submitted to and approved by the municipality and/or NCDOT prior to implementation.
- C. Payment under this item shall be made monthly. Payments are not to exceed 10% of the total lump sum per month, based on the estimated percentage of work completed as determined by the Project Coordinator or Project Engineer.
- D. The Contractor is responsible for furnishing and maintaining adequate traffic control. Failure to do so may result in the withholding of payments until corrective measures are in place.
- E. The use of improper signage or traffic control devices is not permitted. The municipality, NCDOT, and/or PWC reserve the right to direct the contractor to relocate or remove non-conforming signs and devices, install proper measures to ensure public safety, and deduct all costs incurred by PWC for these actions. The Contractor shall not be entitled to any compensation for such work performed.

G-3 EROSION AND SEDIMENT CONTROL

- A. Payment under the lump sum bid price shown under each PART of the Bid Form shall include all costs associated with installing, maintaining, and removing erosion and sedimentation control measures throughout the project in accordance with the approved erosion and sedimentation control plan and any supplemental plans, and any other measures required by applicable regulatory agencies.
- B. Payment under this item shall be made monthly. Payments are not to exceed 10% of the total lump sum per month, based on the estimated percentage of work completed as determined by the Project Coordinator or Project Engineer. No payment will be made for any work resulting from inadequate or improperly installed or maintained measures.
- C. The Contractor is responsible for furnishing and maintaining adequate erosion control. Failure to do so may result in the withholding of payments until corrective measures are in place.
- D. The use of improper erosion control devices is not permitted. PWC reserves the right to direct the contractor to relocate or remove non-conforming erosion control devices, install proper measures to ensure public safety, and deduct all costs incurred by PWC for these actions. The Contractor shall not be entitled to any compensation for such work performed.

G-4 CLEARING AND GRUBBING

- A. Payment under this item shall be measured and paid to the nearest one hundredth of an acre. The unit price includes all work as noted for easements, public rights-of-way, and within limits of disturbance and shall include protection

of all trees, floral bushes, or plants not to be removed or disturbed. The unit price includes the costs for felling trees, stump removal and disposal off-site, cutting trees in pulpwood length and stacking on or off easement areas if required, disposing of all trimmings, removing and disposing off-site all logs, branches, trunks, root mats, brush, vegetation, debris from clearing and grubbing operations, and all other incidental materials not to be re-used in the work. The unit price also includes all work as noted for easements, public rights-of-way, and within the limits of disturbance, and shall also include protection of all trees, floral bushes, or plants not to be removed or disturbed.

- B. Areas containing and requiring cutting and removal of weeds, grass, grain, annual or perennial plants, or sapling less than one inch shall not be measured and paid for as clearing and grubbing. Payment shall be based on the horizontal area cleared and grubbed as designated on the plans or as directed by the Owner. Measurement will be made to the nearest one hundredth of an acre.

G-5 SOD (NO OVERAGES ALLOWED)

- A. Payment under this item shall be measured per square yard of sod installed and accepted. The unit price includes all costs associated with installing and maintaining sod. Measurement of this line item will be based on the actual square yards of SOD installed, completed, and accepted. This includes stripping of topsoil, providing topsoil as necessary, fine grading, spreading, leveling, and compaction of suitable topsoil, anchoring, placing sod, applying pest and disease control, adding soil amendments, fertilizing, maintaining, removal and replacement of unacceptable sod, watering, and all labor, materials, tools, equipment, and incidentals necessary to complete the work.
- B. No payment will be made for placing sod in collateral damage areas outside of easements, rights-of-ways, limits of disturbances, or other areas disturbed by the Contractor.

Maximum Pay Widths for Sod

Permanent Easements	20' (or as indicated on the plans)
Temporary Easements	10' (or as indicated on the plans)
Storm Drainage	15'
Water Mains	12'
Sanitary Sewer Laterals	6'
Water Laterals	4'

G-6 TEMPORARY SEEDING (NO OVERAGES ALLOWED)

- A. Payment under this item shall be measured and paid to the nearest one hundredth of an acre, for seeding of wetland areas, easements and along rights-of-way. The unit price for seeding includes all costs for the placement and grading of topsoil, soil preparation, applying pest control, disease control, placing soil amendments, grading, raking, seeding, fertilizing, mulching, crimping,

watering, maintenance, reseeding if required, tack, and all other incidentals necessary to complete the work.

- B. No payment will be made for seeding any collateral damage areas outside of permanent and temporary easements and along rights-of-ways or other areas disturbed by the Contractor.
- C. Stripping of topsoil will not be measured and paid for as a separate bid item. All work related to topsoil shall be included within the unit price for Seeding

G-7 WETLAND SEEDING (NO OVERAGES ALLOWED)

- A. Payment under this item shall be measured and paid to the nearest one hundredth of an acre, for seeding of wetland areas. The unit price for seeding includes all costs for topsoil, soil preparation, pest control, disease control, placing soil amendments, grading, raking, seeding, fertilizing, mulching, crimping, watering, maintenance, reseeding if required, tack, and all other incidentals necessary to complete the work in accordance with the approved regulatory permits and any other measures required by applicable regulatory agencies..
- B. No payment will be made for seeding any collateral damage areas outside of permanent and temporary easements and along rights-of-ways..
- C. Stripping of topsoil will not be measured and paid for as a separate bid item. All work related to topsoil shall be included within the unit price for Seeding

G-8 BORROW EXCAVATION

- A. Payment under this item shall be measured by cubic yards of select material compacted in place. The unit price includes all costs necessary to furnish and install select backfill material. This includes acquiring, transporting, and placing and compacting select backfill material, removal and disposal of unsuitable material off-site, compacting the select backfill material in place, and all labor, materials, equipment, and incidentals necessary to complete the work.
- B. Payment will be made at the applicable unit price as listed in the Bid Form. The actual quantity considered for payment shall be 75% of the volume indicated on the submitted certified scale ticket. PWC reserves the right to verify the actual amount of material in place. Borrow excavation material shall be supplied by the Contractor from an approved off-site borrow area. Materials utilized on-site within the Project limits or within the fee haul limit (defined as a two-mile radius from the project site) will not be considered for payment as borrow excavation. Disposal of unsuitable and/or suitable excavated material will not be paid for as a separate bid item.

G-9 INSTALL 6 FOOT CHAIN LINK DOUBLE GATE ACROSS EASEMENTS

Payment under this line item shall be measured as each for the number of gates installed. Double gates will be measured for payment as one gate. The unit price includes all costs associated with finishing and installing double gates in accordance with PWC Standards. The Contractor shall match existing fence material or install the material indicated on the plans or in the special conditions. Work shall include all materials, equipment, tools, labor, posts, braces, concrete,

gates, fitting, removal and proper disposal of material off-site and any other incidentals necessary to complete the work.

Street Construction

A-1 PERMANENT PAVEMENT PATCH (NO OVERAGE ALLOWED, NOA)

Payment under this item shall be measured and paid by square yard, not to exceed the maximum contract pay widths. The unit price for Permanent Asphalt Pavement Patch includes all costs for placing a minimum of two (2) inches of Asphalt Pavement Surface Course (SF9.5B) and eight (8) inches of Aggregate Base Course (ABC), in accordance with PWC's standards. Payment widths shown include a minimum cutback of six (6) inches on each side of the trench prior to placing pavement patch. Any pavement removed or damaged beyond the limits specified shall be replaced at the Contractor at his own expense unless directed otherwise by the Project Coordinator or the Project Engineer. No payment for overage beyond the quantity shown in the Bid Form will be made. The unit price includes saw cutting pavement to straight uniform widths parallel and perpendicular to the road, removing and disposing of asphalt off-site, compacting pavement subgrade, placing and compacting ten (10) inches of ABC, maintaining ABC stone at pavement grade until removal of the upper two (2) inches for paving, installing and maintaining transitions, adjusting structures, applying tack coat, placing and compacting of asphalt material, cleanup, and all costs for labor, materials, tools, equipment, and incidentals necessary to complete the Work.

Maximum Pay Widths for Permanent Asphalt Pavement Patch

Storm Drainage	6'	(for pipe 24" in diameter and less)
Storm Drainage	8'	(for pipe 30" up to 42" in diameter)
Storm Drainage	10'	(for pipe 48" up to 54" in diameter)
Storm Drainage	12'	(for pipe greater than 54")
Sanitary Sewer	10'	(0' to 10' depth, measured to invert of pipe)
Sanitary Sewer	12'	(greater than 10' depth, measured to invert of pipe)
Sewer Laterals	6'	
Water Main	4'	
Water Services	4'	

A-2 PERMANENT PAVEMENT PATCH FAILED AREAS - No Overage Allowed (NOA)

Payment for this item shall be made at the unit price per square yards as listed in the Bid Form, in place and accepted, within areas identified by the City of Fayetteville or the Project Coordinator as "failed areas" outside the specified trench limits. Payment will be made to the nearest square yard total. No payment will be made for any work exceeding the quantity specified in the Bid

Form. The unit price includes all costs for removing the failed pavement in applicable areas, replacing it with two (2) inches of Asphalt Pavement Surface Course and eight (8) inches of Aggregate Base Course (ABC), including saw cutting pavement to straight uniform widths, removing and disposing of asphalt off-site, re-compacting pavement subgrade, placing and compacting ten (10) inches of ABC, maintaining ABC stone at pavement grade until removal of the upper two (2) inches for paving, installing and maintaining transitions as required, adjusting structures as required, applying tack coat, placing and compacting asphalt material, cleanup, and all labor, materials, tools, equipment, and incidentals necessary to complete the work.

The Contractor is responsible for replacing any pavement removed or damaged by their operations beyond the specified area of the failed pavement at their own expense, unless directed otherwise by the Project Coordinator or the Project Engineer.

A-3 UNDERCUT EXCAVATION IN ASPHALT SUBGRADE (NOA)

Payment under this item shall be measured by cubic yards of unsuitable material excavated below the bedding limit line as per PWC Specification. Payment will not be made without prior authorization by the PWC project Coordinator.

Payment shall be based on the internal diameter of the pipe plus a minimum of 1 feet on both sides of the pipe, and on the authorized additional depth required to adequately support the pipeline. Payment for structures shall be based on the external diameter/dimension of the structure plus a minimum of two (2) feet around the perimeter of the structure, to the authorized depth required to adequately support the structure. The unit price includes the cost for all labor, tools, materials, and equipment including but not limited to the removal and disposal of unsuitable soil off-site, furnishing, and placing stone bedding material, and all other incidentals necessary to complete the work.

No payment will be made for unapproved over-excavation or where proper dewatering efforts and methods are not in place for excavation stabilization.

A-4 REMOVE AND REPLACE CONCRETE DRIVEWAYS (NOA)

Payment under this item shall be made at the unit price bid per square yard. Concrete driveways shall be installed in accordance with the Contract Requirements. Payment shall be made to the nearest square yard. Payment shall be full compensation for saw cutting and removing the existing driveway, removing and disposing of excess or unsuitable materials off-site, grading, compaction, expansion joint materials, form work, backfilling beside with topsoil, and all equipment, tools, labor, and incidentals necessary to complete the work.

A-5 INCIDENTAL STONE

Payment under this item shall be measured at the unit price per ton. Incidental Stone shall be authorized by the Project Coordinator or Project Engineer to be placed for the maintenance of driveways and street intersections. The unit price includes all costs for labor, tools, materials, equipment, furnishing, placing, supplementing stone required for maintenance, grading/leveling stone, wetting, compaction, removing and disposing of incidental stone prior to pavement patch. The Contractor shall furnish a "certified scale ticket" with each load of stone to the Project Coordinator by 5:00 pm the following business day to be considered for payment. Incidental stone that is stockpiled will not be considered for payment.

No separate payment shall be made for incidental stone placed in mainline or service lateral trenches unless authorized by the Project Coordinator or Project Engineer.

A-6 MAINTENANCE STONE (NOA)

Payment under this item shall be measured per square yard in place. Maintenance stone (#57) shall be authorized by the Project Engineer or Project Coordinator to be placed for the maintenance of street trenches. The unit price includes all costs for labor, tools, materials, equipment, furnishing, placing, supplementing stone required for maintenance, compaction, removal and disposal of all maintenance stone prior to placement of permanent asphalt pavement patch.

To be considered for payment, maintenance stone shall be at a minimum depth of four (4) inches and a minimum length of fifty (50) feet. Payment shall be made based upon the actual width in place, not to exceed the allowable trench widths. No separate payment shall be made for incidental maintenance stone placed in mainline or service lateral trenches unless authorized by the Project Coordinator or Project Engineer.

A-7 REPLACE GRAVEL/SOIL DRIVEWAY WITH AGGREGATE BASE COURSE

Payment under this item shall be made at the unit price bid per square yard. Gravel/soil driveways shall be installed in accordance with the Contract requirements. Payment shall be made to the nearest square yard.

Payment shall be full compensation for the removal of the existing driveway, acquiring and placing the aggregate, removing and disposing of excess or unsuitable materials off-site, grading, compaction, and all equipment, tools, labor, and incidentals necessary to complete the work.

A-8 REMOVE AND REPLACE ASPHALT DRIVEWAYS (NOA)

Payment under this item shall be made at the unit price bid per square yard. Asphalt driveways shall be installed in accordance with the Contract requirements. Payment shall be made to the nearest square yard.

Payment shall be full compensation for saw cutting and removing the existing driveway, removing and disposing of excess or unsuitable materials off-site, grading, acquiring and placing the asphalt, compaction, backfilling beside with topsoil, and all equipment, tools, labor, and incidentals necessary to complete the work.

Storm Drainage

B-1

REMOVE AND REPLACE WITH NEW PIPE 15" CL IV RCP 0'-6' DEPTH

Payment for this item shall be measured and paid at the unit price bid per linear foot as indicated in the Bid Form. Payment per linear foot of storm drainage pipe will be made under the applicable unit price for each size of pipe installed, type and pay depth as indicated in the Bid Form. Payment shall include the cost for excavation, removal and disposal of indicated existing pipe, bedding stone, shoring, removal and disposal of excess unsuitable material off site, installation of proposed drainage pipe, installation of concrete collars, grading, backfilling, dewatering, compaction and all other work required for a complete installation.

Water

C-1

DUCTILE IRON WATER MAIN INSTALLATION

Payment under this item shall include all costs necessary to install ductile iron water main in accordance with PWC Standard Specifications. Work under this item shall include all costs for excavation, shoring, backfill, thrust blocking, compaction, fittings, removal of pavement, installation of the pipe at the specified line and grade, bedding material, removal and disposal of excess unsuitable material off-site, and all labor, materials, equipment, and incidentals necessary to complete the work.

C-2

RESTRAINED JOINT DUCTILE IRON WATER MAIN

Payment under this item shall include all costs necessary to install the restrained joint ductile iron water main in accordance with PWC Standard Specifications. Work under this item shall include all costs for excavation, shoring, backfill, compaction, fittings, removal of pavement, and installation of restrained joint pipe as specified in the drawings or as required by PWC standards, bedding material, removal and disposal of excess unsuitable material off-site, and all labor, materials, equipment, and incidentals necessary to complete the work.

C-3

GUIDED BORE & JACK

Payment under this item shall include all necessary costs to install the casing and carrier pipe in accordance with PWC standards. Work shall include all costs for excavation, shoring, removal and disposal of excess unsuitable material off-site, bedding material, horizontal and vertical controls, bore steering mechanisms, steel casing, casing spacers, concrete grouting and closures,

installation of the restrained joint ductile iron carrier pipe, backfill, compaction, and all labor, materials, equipment, and incidentals necessary to complete the work.

C-4 UNDERCUT EXCAVATION

Payment under this item shall be measured and paid for by the volume in cubic yards of unsuitable material excavated below the bedding limit line of four (4) inches below the pipe as authorized by the Project Coordinator. Payment under this item shall be based on the width of two (2) feet plus the internal diameter of the pipe and on the authorized additional depth required for proper support of the pipeline. Payment under this item for structures shall be based on the width of two (2) feet plus the external diameter/dimension to the authorized depth required for proper support of the structure.

Payment under this item shall include the costs for all labor, tools, materials, and equipment including but not limited to the removal and disposal of unsuitable material off-site, approved bedding material, and all other incidentals necessary to complete the work. No payment under this item for undercut will be made for over-excavation by error or where proper dewatering methods are not in place for trench and/or excavation stabilization

C-5 RESTRAINED JOINT GATE VALVES

Payment under this item shall be measured by actual count, complete, in place. Payment will be made at the applicable unit price bid as listed in the Bid Form. Payment under this item shall include all costs necessary to install the gate valve and valve box. All gate valves shall be installed in accordance with PWC standard details. Work under this item shall include removal of pavement, removal and disposal of excess unsuitable material off-site, excavation, shoring, backfill, compaction, installation, valve boxes, retaining glands, concrete protection rings, concrete collars, tracing wire, and all equipment, tools, labor, and incidentals necessary to complete the work.

C-6 TAPPING SLEEVE & VALVE

Payment under this item shall be measured by actual count, complete, in place. Payment will be made at the applicable unit price bid as listed in the Bid Form. Payment under this item shall include all costs necessary to install the specified tapping sleeve and valve on the existing water mains. Work under this item shall include the removal of pavement, removal and disposal of excess unsuitable material off-site, excavation, shoring, backfill, compaction, determining the proper size sleeve, installation, testing of the sleeve, thrust blocking, concrete protection

rings, concrete collars, valve boxes, tracing wire, and all equipment, tools, labor, and incidentals necessary to complete the work.

C-7 FIRE HYDRANT INSTALLATION

Payment under this item will be paid by actual count, complete, in place. Payment will be made at the applicable unit price bid as listed in the Bid Form. Payment under this item will be full compensation for furnishing and installing hydrants and hydrant branches in accordance with PWC standards, painting, stone drainage wells, anchorage, testing, excavation, shoring, backfill and compaction, removal, and disposal of pavement, gate valves and boxes, pipe, fittings, concrete protector rings, concrete collars, removal and disposal of excess unsuitable material off-site, tapping sleeve and valve where applicable, and hydrant barrel adjustments to finish grade, and all equipment tools, labor, and incidentals necessary to complete the work.

C-8 CONNECT TO EXISTING WATER MAIN

Payment under this item shall be paid by actual count, complete, in place. Payment will be made at the applicable unit price bid as listed in the Bid Form. Payment under this item shall include all necessary costs to connect to the existing water main. Payment under this line item will be full compensation for excavation, shoring, backfill, compaction, removal of the existing blow-off, tracing wire, removal and disposal of excess unsuitable material off-site, necessary fittings to connect to the new water main, and all equipment, tools, labor, and incidentals necessary to complete the work.

C-9 STERILIZATION & TESTING

Payment under this line item shall include all costs necessary to perform the required testing on the water mains, laterals, and appurtenances. Work shall include all costs for furnishing test equipment, installation and abandonment of temporary taps for testing and/or disinfection, coordination with the Project Coordinator, and all labor, materials, equipment, and incidentals necessary to complete the work. The Contractor shall be responsible for proper abandonment of all unnecessary taps and fittings upon completion of the work. Payment under this line item will not be made until all required tests are successful.

C-10 WELL ABANDONMENT

Payment under this item shall include all costs to abandon existing wells in accordance with NCDEQ requirements. Work shall include, but not be limited to, chlorinating the well before sealing, perforating the well casing, filling the well with cement, grout, dry clay, and/or gravel, furnishing all necessary records to NCDEQ, furnishing all records and confirmations of receipt of records by NCDEQ

to PWC, removal and disposal of the existing well house/pumphouse, removal and disposal of piping, removing the pump and providing it to the property owner, disconnecting any electrical components from the power source to the well pump, disconnecting and plugging existing plumbing, restoration of the property with sod, and any other incidentals necessary to complete the work. Seal abandoned wells at locations shown in the contract or as directed. Perform all work in accordance with NCDEQ requirements.

Sewer

D-1

POLYVINYL CHLORIDE (PVC) SANITARY SEWER

Payment under this item shall be made per linear foot of sanitary sewer at the applicable unit prices for each size and pay depth as indicated on the Bid Form. Payment under this item shall include all costs necessary to furnish and install the specified sewer main in accordance with PWC standards. Work shall include all costs for excavation, shoring, backfill, compaction, dewatering, the cutting and removal of pavement, proper disposal of unsuitable material off-site, installation of the pipe at the specified line and grade, stone bedding, and all labor, materials, equipment, and incidentals necessary to complete the work. All pipe segments installed must have passed the contract compaction requirements in order to be considered for payment.

D-2

DUCTILE IRON PIPE (DIP) SANITARY SEWER

Payment under this item shall be made per linear feet of sanitary sewer at the applicable unit prices for each size and depth indicated on the Bid Form. Payment under this item shall include all costs necessary to furnish and install the specified sanitary sewer main, in accordance with PWC standards. Work shall include all costs for excavation, shoring, backfill, , compaction, bedding stone, dewatering, cutting and removing of pavement, coatings, all necessary fittings, stone bedding, proper disposal of unsuitable material off-site, installation of the sewer main at the specified line and grade, and all labor, materials, tools, equipment, and incidentals necessary to complete the work. All pipe segments must have passed the detailed compaction requirements to be considered for payment.

D-3

GUIDED BORE & JACK

Payment under this item shall include all necessary costs to install the casing and carrier pipe in accordance with PWC standards. Payment shall include all costs for excavation, shoring, removal and disposal of excess unsuitable material off-site, bedding material, horizontal and vertical controls, bore steering mechanisms, steel casing, casing spacers, concrete grouting and closures, installation of the restrained joint ductile iron carrier pipe, backfill, compaction, and all labor, materials, equipment, and incidentals necessary to complete the work.

D-4 SANITARY SEWER MANHOLE

Payment under this item shall include all costs necessary to furnish and install various diameter and depths of manholes as specified on the plans. Payment per each manhole shall be made at the applicable unit prices for each size and pay depth as indicated on the Bid Form. Payment shall include all costs for excavation, shoring, backfill, adjustments to proper elevations, proper removal and disposal of unsuitable material off-site, linings, anti-microbial additives, inverts, pipe slides, dewatering, compaction, cutting and removal of pavement, stone bedding, installation of the manhole in accordance with PWC standards, installation of the specified frame and cover, adjustment rings, concrete collar, and all labor, materials, equipment, and incidentals necessary to complete the work.

D-5 SANITARY SEWER DOGHOUSE MANHOLE

Payment under this item shall include all costs necessary to furnish and install various diameter and depths of doghouse manholes as specified on the plans. Payment per each doghouse manhole shall be made at the applicable unit prices for each size and pay depth as indicated on the Bid Form. Payment shall include all costs for excavation, shoring, backfill, adjustments to proper elevations, proper removal and disposal of unsuitable material off-site, linings, anti-microbial additives, pipe slides, inverts, dewatering, compaction, cutting and removal of pavement, installation of the specified frame and cover, adjustment rings, stone bedding, removal of the existing pipe, concrete collar, and all labor, materials, equipment, and incidentals necessary to complete the work.

D-6 ABANDON EXISTING MANHOLE

Payment under this item shall be paid by actual count, complete, in place. Payment will be made at the applicable unit price bid as listed in the Bid Form. Payment under this item shall include all necessary costs to abandon existing manholes. Payment shall include all costs to remove the manhole cone or entire manhole if required, excavation, shoring, backfill of the manhole with select material or flowable fill, dewatering, proper removal and disposal of unsuitable material off-site, proper disposal of any abandoned manhole pieces, cones, risers, bases, removal and returning the frame and cover to PWC, compaction, and all labor, materials, equipment, and incidentals necessary to complete the work.

D-7 ABANDON EXISTING LATERAL

Payment under this item shall be paid by actual count, complete, in place. Payment will be made at the applicable unit price bid as listed in the Bid Form. Payment under this item shall include all necessary costs to abandon existing sewer laterals as indicated on the plans. Payment shall include all costs for excavation, shoring, dewatering, backfill, cutting and removal of pavement, proper removal and disposal of excess unsuitable material off-site, removal of the

existing lateral pipe at the main, installing a plug at the main to lateral connection, compaction, removal of the existing combination and cleanout stack, installing a plug on the end of the lateral pipe, any specific direction by the Project Coordinator or Project Engineer, and all labor, materials, equipment, and incidentals necessary to complete the work.

D-8 ABANDON EXISTING SEWER MAIN

Payment under this item shall be paid by linear feet of sewer main that is grout filled. Payment will be made at the applicable Contract unit price for the specified size water sanitary sewer main as listed on the Bid Form.

The unit price shall include all costs for dewatering, grouting, plugging and capping the existing pipe and appurtenances, the removal of pavement, removal and disposal of excess unsuitable material off-site, excavation, backfill, compaction, and all labor, materials, equipment, and incidentals necessary to complete the work. Grouting of existing sewer mains shall not occur before PWC has accepted the new sewer mains and laterals. This item shall be measured by linear feet of grout fill, complete and in place. Payment shall be made at the applicable unit price as listed in the Bid Form.

D-9 RECONNECT SEWER LATERAL TO EXISTING PLUMBING

Payment under this item shall be paid by actual count, complete, in place. Payment will be made at the applicable unit price bid as listed in the Bid Form. Payment under this item shall include all costs necessary to connect from the PWC lateral to the customer's existing sewer service. The work shall be in accordance with the Plumbing code and City of Fayetteville requirements. Payment shall include all costs to install cleanouts, permits, coordination with the property owner, excavation, shoring, dewatering, backfill, compaction, connection to the existing lateral, and all labor, materials, equipment, and incidentals necessary to complete the work.

D-10 INTERIOR DROP STRUCTURE

Payment under this item shall be paid by actual size and count, complete, in place, at the unit price bid as listed on the Bid Form. Payment shall include all costs necessary to install the specified inside drop structure in accordance with PWC standards. Work shall include all costs for pipe, fittings, stainless steel straps, anchors, and all labor, materials, equipment, and incidentals necessary to complete the work.

D-11 PVC SANITARY SEWER LATERAL

Payment under this item shall be paid by actual count, complete, in place. Payment will be made at the unit price bid as listed in the Bid Form. Payment under this item shall include all costs necessary to furnish and install a PVC sanitary sewer lateral in accordance with PWC standards. Payment shall include all costs for excavation, shoring, backfill, compaction, cutting and removal of

pavement, proper removal and disposal of unsuitable material off-site, dewatering, marking the location of the lateral on the curb or edge of pavement, installation of a cleanout, all necessary fittings, stone bedding, installation of the lateral at the specified line and grade, and all labor, materials, equipment, and incidentals necessary to complete the work. All laterals installed must have passed the contract compaction requirements in order to be considered for payment.

D-12 DIP SANITARY SEWER LATERAL

Payment under this item shall be paid by actual count, complete, in place. Payment will be made at the applicable unit price bid as listed in the Bid Form. Payment under this item shall include all costs necessary to furnish and install a ductile iron sanitary sewer lateral in accordance with PWC standards. Payment shall include all costs for excavation, backfill, compaction, the removal of pavement, removal and disposal of excess unsuitable material off-site, proper disposal of waste, dewatering, marking the location of the lateral on the curb or edge of pavement, installation of a cleanout, coatings, linings, all necessary fittings, stone bedding, installation of the lateral at the specified line and grade, and all labor, materials, equipment, and incidentals necessary to complete the work. All laterals installed must have passed the contract compaction requirements in order to be considered for payment.

D-13 CONNECTION TO EXISTING STRUCTURE

Payment under this item shall be made at the unit price bid per each as listed in the Bid Form. Connections shall consist of coring the manhole, installing flexible boots, removing and re-building inverts, and sealing penetrations as required. Payment shall include all costs of equipment, labor, tools, materials, and all incidentals necessary to complete the work.

D-14 UNDERCUT EXCAVATION

Payment under this item shall be measured and paid for by the volume in cubic yards of unsuitable material excavated below the bedding limit line of four (4) inches below the pipe as authorized by the Project Coordinator. Payment shall be based on the width of two (2) feet plus the internal diameter of the pipe and on the authorized additional depth required for proper support of the pipeline. Payment for structures shall be based on the width of two (2) feet plus the external diameter to the authorized depth required for proper support of the structure.

Payment under this item shall include the costs for all labor, tools, materials, and equipment including but not limited to the removal and disposal of unsuitable soil, furnishing and placing stone bedding material, and all other incidentals necessary to complete the work. No payment for undercut will be made for over excavation by error or where proper dewatering methods are not in place for trench and/or excavation stabilization.

D-15 TESTING

Payment under this item shall include all costs necessary to perform the required testing (i.e., hydrostatic testing, air testing, mandrel, vacuum testing, etc.) on the sewer mains, low-pressure sewer systems, force mains, laterals, and manholes. Payment shall include all costs for furnishing test equipment, installing and abandonment of blow-offs, and all labor, materials, equipment, and incidentals necessary to complete the work. Payment under this line item shall not be made until all performed tests are successful. No extra payment will be made for laterals connecting directly to manholes.

D-16 INSTALL CAM-LOCK RING & COVER ON EXISTING MANHOLE

Payment under this item shall include all costs necessary to furnish and install cam-lock ring and cover on an existing manhole. Payment shall be based on the actual number installed complete in place. Payment shall be made at the contract unit price per each listed in the bid form. The unit price shall include removal of the existing ring and cover, returning the existing ring and cover to PWC, any existing grade rings or masonry adjustment, any necessary excavation to remove and/or install the ring and cover or any manhole sections, preparation of the concrete surface as required, installation of the ring and cover, clean-up and proper removal and disposal of all unsuitable material off-site, and all labor, materials, tools, and equipment necessary to complete the work.

D-17 RESTRAINED JOINT DUCTILE IRON SEWER MAIN IN CASING (OPEN CUT)

Payment under this item shall include all necessary costs to install the specified casing and carrier pipe using open cut method. Payment shall be made at the applicable unit price per linear foot as indicated on the Bid Form. Payment shall include all costs for excavation, shoring, saw-cutting and removal of pavement, removal and disposal of excess unsuitable material off site, bedding material, steel casing, casing spacers, concrete grouting and closures, installation of the restrained joint ductile iron carrier pipe, backfill, compaction, and all labor, materials, equipment, and incidentals necessary to complete the work.

D-18 FURNISH AND INSTALL TEMPORARY MANHOLE

Payment under this item shall include all costs necessary to furnish and install any temporary manholes as specified on the plans. Payment shall be made at the applicable unit prices for each size and pay depth as indicated on the Bid Form. Payment shall include all costs for excavation, shoring, backfill, proper removal and disposal of unsuitable material off-site, linings, inverts, pipe slides, dewatering, compaction, cutting and removal of pavement, stone bedding, installation of the specified frame and cover, concrete collar, and all labor, materials, equipment and incidentals necessary to complete the work. Work shall also include all costs necessary to maintain sanitary sewer service during construction to include, but not limited to, maintenance of the manhole and

laterals, pumping, hauling and proper disposal of waste for the duration of use of the temporary manhole.

D-19 FURNISH AND INSTALL AERIAL 8-INCH CLASS 53 RJDIP CROSSING AND FLANGED DIP (INCLUDING PILES)

This item shall be measured by actual count, complete and in place. Payment will be made at the applicable unit price as listed in the Bid Form. Payment under this item shall include all necessary costs to furnish and install aerial pipe and all components of the aerial pipe support structures as indicated on the Contract Drawings and in accordance with PWC standards.

The unit price shall include all costs for excavation, shoring, removal and disposal of unsuitable material off site, installation of steel piers, placing concrete, installation of pipe cradle with pipe protection material, installation of pipe strap, fittings, backfill, compaction, installation of pipe and all labor, materials, tools, equipment, and incidentals necessary to complete the work.

D-20 RESTRAINED JOINT DUCTILE IRON PIPE (RJDIP) SANITARY SEWER

Payment under this item shall be made per linear feet of factory restrained joint ductile iron pipe sanitary sewer at the applicable unit prices for each size and depth indicated on the Bid Form.

Payment under this item shall include all costs necessary to furnish and install the specified sanitary sewer main, in accordance with PWC standards. Work shall include all costs for excavation, shoring, backfill, retaining glands, compaction, bedding stone, dewatering, cutting and removing of pavement, coatings, all necessary fittings, stone bedding, proper disposal of unsuitable material off-site, installation of the sewer main at the specified line and grade, and all labor, materials, tools, equipment, and incidentals necessary to complete the work.

All pipe segments must have passed the detailed compaction requirements to be considered for payment.