



FAYETTEVILLE PUBLIC WORKS COMMISSION

PROCUREMENT DEPARTMENT

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

**Bid Addendum**

**PWC Number:** PWC2324029

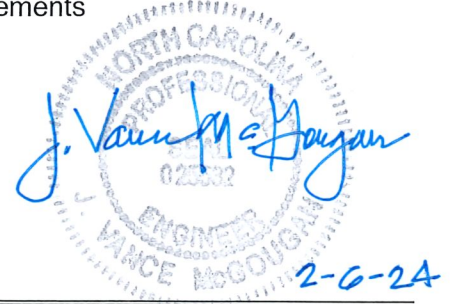
**Bid Title :** Cross Creek Water Resource Facility and Rockfish Creek Water Resource Facility Screw Pump Improvements

**Bid Opening Date and Time:** Thursday, February 8, 2024

**Addendum Number:** 4

**Addendum Date:** February 6, 2024

**Procurement Advisor:** Carla Wint  
procurement@faypwc.com



1. Return one properly executed copy of this addendum with bid response or prior to the Bid Opening Date/Time listed above.
  
2. The solicitation is hereby modified as follows:
  - M1.** APPENDICES 1. HAZEN & SAWYER – SPECIFICATIONS  
The modified specifications have been attached to this addendum.
  
  - M2.** 0300 – BID FORM  
It was found that the bid forms indicated the year 2023. Bidders are hereby notified to submit bids with the modified bid forms. Bidders who submit bids with the previous bid forms may strikethrough the year 2023 and replace them with the year 2024. Bids submitted on either form will be considered responsive.
  
  - M3.** MWDBE Affidavits  
It was found that the notary section on the MWDBE Affidavits did not have a space for the month. Bidders are hereby notified to submit bids with the modified affidavits. Bidders who submit bids with the previous bid forms may insert the month on the notary line. Bids submitted on either affidavit will be considered responsive.
  
3. Following are questions received about the solicitation and the SME's answers to the questions.
  - Q1.** During the pre-bid it was stated only affidavits A or B are required to be submitted with the bid package and affidavits C and D do not. What about Affidavit E, the Fayetteville Public Works Commission MWDBE Add/Change Form and the Small Local Supplier / MWDBE Subcontractor Disclosure Form?
    - A1.** Affidavits A or B & E must be included in the bid submittal. It is strongly encouraged to include your Affidavits C or D, along with your good faith efforts with the bid submittal as it speeds up the evaluation period. But it is not required. Contact will be made with the apparent low bidder to obtain these if they are not included with the submittal. Additionally, you don't need to include the MWDBE Add/Change Form, as that is only used when you need to add/change a sub. Nor do you need to include the Small Local Supplier / MWDBE Subcontractor Disclosure Form, as this is used by the awarded bidder during pay applications.

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**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: Carla Wint, Procurement Advisor  
955 Old Wilmington Road  
Fayetteville, North Carolina 28301

PROJECT: **CROSS CREEK WATER RESOURCE FACILITY AND ROCKFISH CREEK  
WATER RESOURCE FACILITY SCREW PUMP IMPROVEMENTS**

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.

**SINGLE PRIME CONTRACT  
FOR THE  
CROSS CREEK WATER RESOURCE FACILITY AND ROCKFISH CREEK  
WATER RESOURCE FACILITY SCREW PUMP IMPROVEMENTS**

		<i>Amount in Numbers</i>
<b>A</b>	<b>Lump Sum Base Bid Price:</b> <i>Excluding sales tax</i>	\$
<b>B</b>	<b>IPS Concrete Repair - Unit Price Bid Item</b> <i>(Total Amount from Unit Price Bid Item Summary Schedule):</i>	\$
<b>Total Single Prime Base Bid Price (Sum of Items 1-2):</b>		\$
<b>Amount in Words:</b> _____ _____		
<b>Bidder Name:</b>		
<i>NOTE: INCLUDE ALL PAGES LISTED IN SECTION 00300 WITH BID. ALL SIGNATURES REQUIRED BY 00300 MUST BE PROPERLY EXECUTED TO BE CONSIDERED A VALID BID.</i>		

<b>UNIT PRICE BID ITEM SCHEDULE</b>					
	ITEM DESCRIPTION	ESTIMATED QUANTITIES	UNIT PRICE		TOTAL AMOUNT
1	TYPE III WATERPROOF INJECTION GROUT CRACK REPAIR (LF)	100 LF	\$		\$
2	SURFACE SPALL REPAIR MATERIAL	225 CF	\$		\$
3	FORMED SPALL REPAIR MATERIAL	75 CF	\$		\$
<b>TOTAL AMOUNT OF UNIT PRICE BID ITEMS (ITEM B IN BID FORM):</b>					\$

<b>ADDITIVE ALTERNATE BID ITEM NO. 1</b>	
<b>INFLUENT PUMP STATION ELECTRICAL BUILDING</b>	
<b>DESCRIPTION:</b> Under Alternate Bid Item No. 1, provide cost for an Influent Pump Station Electrical Building and all associated work as described in the Contract Drawings and Specifications.	
<b>TOTAL ALTERNATE BID ITEM NO. 1 PRICE</b> <b>(in numbers):</b>	\$
<b>Amount in Words:</b> _____	
_____	

Basis of award shall be any combination of the TOTAL SINGLE PRIME BASE BID PRICE and ALTERNATE BID ITEM AMOUNTS, at the sole discretion of the Owner.

**- BID SUMMARY-**

**TOTAL BASE BID** \$ \_\_\_\_\_

**TOTAL 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 \_\_\_\_\_ (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 March 30, 2025.
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 \_\_\_\_\_ 2024

**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 \_\_\_\_\_ 2024

\_\_\_\_\_

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 \_\_\_\_\_ 2024

\_\_\_\_\_

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 \_\_\_\_\_ 2024

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_

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**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 \_\_\_\_\_ 2024

\_\_\_\_\_  
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.)

**FAYETTEVILLE PUBLIC WORKS COMMISSION'S  
MWDBE COMPLIANCE PROVISIONS**

**APPLICATION:**

The requirements of Fayetteville Public Works Commission (PWC) Minority, Women, and Disadvantaged Business Enterprise (MWDBE) Program for participation specific contracts are hereby made part of the Contract Documents. Copies of the Program may be obtained from:

Fayetteville Public Works Commission  
Economic Inclusion Programs  
P.O. Box 1089  
Fayetteville, North Carolina 28302  
Phone (910) 223-4016 Fax (910) 483-1429  
E-mail: [EIProgram@faypwc.com](mailto:EIProgram@faypwc.com)

NCDOT DBE Directory: [www.ebs.nc.gov/VendorDirectory](http://www.ebs.nc.gov/VendorDirectory)

HUB Directory: <https://ncadmin.nc.gov/businesses/hub>

**MWDBE Compliance Requirements:**

1. The Bidder shall provide, with their Bid Form, at the time bids are due, the documents set forth below, properly executed. Returning executed copies indicates and establishes that the Bidder understands and agrees to any incorporated MWDBE contract provisions.
2. All Bidders must provide with their Bid Form, at the time bids are due, a properly completed and executed copy of **either:**
  - Affidavit A – Listing of Good-Faith Efforts **OR**
  - \*Affidavit B – Intent to Self-Perform with Own Workforce.

\*Affidavit B should **only** be used if the Contractor will perform **ALL Elements** of the Work on this project with their own forces **AND** will complete **ALL Elements** of this project **WITHOUT** the use of subcontractors, material suppliers, or providers of professional services.
3. Upon being identified as the apparent lowest responsive, responsible Bidder, a Bidder shall, within twenty-four (24) hours of PWC's notification provide a properly completed and executed copy of **either:**
  - Affidavit C – Percentage of MWDBE Participation **OR**
  - Affidavit D – Good-Faith Efforts.
4. All Bidders must provide with their Bid Form, at the time bids are due, a properly completed and executed copy of Affidavit E- Identification of MWDBE/Local Participation Form

All written statements, certifications, or intentions made by the Bidder shall become a part of the agreement between the Contractor and Fayetteville Public Works Commission for performance of this contract.

### **SUBCONTRACTOR PAYMENT REQUIREMENTS:**

North Carolina General Statutes 143-134.1 (N.C.G.S.) states that the percentage of retainage on payments made by the prime contractor to the subcontractor shall not exceed the percentage of retainage on payments made by the Fayetteville Public Works Commission to the prime contractor. Failure to comply with this provision shall be considered a breach of the contract, and the contract may be terminated in accordance with the termination provisions of the contract.

The Contractor shall provide an itemized statement of payments to each MWDBE subcontractor before final payment is processed.

The Contractor shall provide an itemized statement of payments to each NON-MWDBE subcontractor before final payment is processed.

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Contractor

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Signature

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Printed Name

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Title

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Date

### Affidavit A: Listing of the Good Faith Efforts

Affidavit of \_\_\_\_\_  
(Name of Bidder)

**I have made a good faith effort to comply under the following areas checked:**

<i>Total Available GFE Points: 155</i>		<i>Minimum Number GFE Points <b>Required: 50</b></i>
Points		
10	Contacting minority businesses that reasonably could have been expected to submit a quote and that were known to the contractor or available on State or local government-maintained lists at least 10 days before the bid or proposal date and notifying them of the nature and scope of the work to be performed.	
10	Making the construction plans, specifications and requirements available for review by prospective minority businesses or providing these documents to them at least 10 days before the bid or proposals are due.	
15	Breaking down or combining elements of work into economically feasible units to facilitate minority participation.	
10	Working with minority trade, community, or contractor organizations identified by the Office for Historically Underutilized Businesses and included in the bid documents that provide assistance in recruitment of minority businesses.	
10	Attending any pre-bid meetings scheduled by the public owner.	
20	Providing assistance in getting required bonding or insurance or providing alternatives to bonding or insurance for subcontractors.	
15	Negotiating in good faith with interested minority businesses and not rejecting them as unqualified without sound reasons based on their capabilities. Any rejection of a minority business based on lack of qualification should have the reasons documented in writing.	
25	Providing assistance to an otherwise qualified minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letters of credit, including waiving credit that is ordinarily required. Assisting minority businesses in obtaining the same unit pricing with the bidder's suppliers in order to help minority businesses in establishing credit.	
20	Negotiating joint venture and partnership arrangements with minority businesses in order to increase opportunities for minority business participation on a public construction or repair project when possible.	
20	Providing quick pay agreements and policies to enable minority contractors and suppliers to meet cash-flow demands.	
<b>Total GFE Points (Claimed by Bidder):</b>		<b>Total GFE Points (Assessed by PWC):</b>

In accordance with NCGS 143-128.2(d) the undersigned will enter into a formal agreement with the firms listed in the Identification of Small Disadvantaged Business Participation schedule conditional upon execution of a contract with the Owner. Failure to abide by any applicable statutory provision may constitute a breach of the contract. The undersigned hereby certifies that he or she has read the terms of the MWDBE business commitment and is authorized to bind the Bidder to the commitment herein set forth.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of  
\_\_\_\_\_ 20\_\_\_\_ Notary Public

My commission expires \_\_\_\_\_

**Affidavit B: Intent to Perform Contract with Own Workforce**

Affidavit of \_\_\_\_\_  
(Name of Bidder)

**I hereby certify that it is our intent to perform 100% of the work required for contract:**

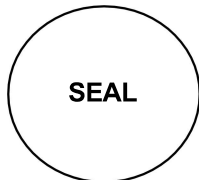
\_\_\_\_\_  
(Name of Project)

In making this certification, the Bidder states that the Bidder does not customarily subcontract elements of this type project, and normally performs and has the capability to perform and will perform **all elements of the work** on this project with his/her own current workforces; and will complete all elements of this project **without** the use of subcontractors, material suppliers, or providers of professional services.

The Bidder agrees to provide any additional information or documentation requested by the Owner in support of the above statement.

The undersigned hereby certifies that he or she has read this certification and is authorized to bind the Bidder to the commitments herein contained.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of 20\_\_

Notary Public \_\_\_\_\_

My commission expires \_\_\_\_\_

**Affidavit C: Percentage of MWDBE Participation**

Affidavit of \_\_\_\_\_  
(Name of Bidder)

I hereby certify that on contract: \_\_\_\_\_  
(Name of Project)

\$ \_\_\_\_\_  
(Dollar Amount of Total Bid)

I will expend a minimum of \_\_\_\_\_% of the total dollar amount of the contract with Minority, Women, and Disadvantaged Business Enterprises (MWDBE). MWDBEs will be employed as subcontractors, vendors, or providers of professional services. Such work will be subcontracted to the following firms listed below.

<u>Name, Address, &amp; Phone No.</u>	<u>*MWDBE Category</u>	<u>NAICS</u>	<u>Dollar Value</u>	<u>% of Contract</u>

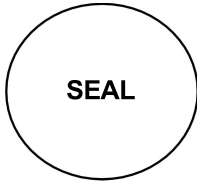
\*MWDBE categories: Black-African Americans (B), Hispanic-Americans (H), Asian- Americans (A), Native-Americans (I), Women (F), Socially/Economically Disadvantaged (D)



Pursuant to NCGS 143-128.2(d), the undersigned will enter into a formal agreement with MWDBEs for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of this commitment and is authorized to bind the Bidder to the commitment herein set forth.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day \_\_\_\_\_ 20\_\_\_\_

Notary Public \_\_\_\_\_

My commission expires \_\_\_\_\_

**Affidavit D: Good Faith Efforts**

If Owner determines using reasonable discretion that Affidavit C is insufficient, Bidder agrees to provide the following information regarding any good-faith efforts.

<u>Name, Address, &amp; Phone No.</u>	<u>*MWDBE Category</u>	<u>NAICS</u>	<u>Dollar Value</u>

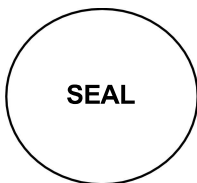
\*MWDBE categories: Black-African Americans (B), Hispanic-Americans (H), Asian- Americans (A), Native-Americans (I), Women (F), Socially/Economically Disadvantaged (D)

Bidder may be requested to provide documentation of the Bidder’s good-faith efforts. Examples of documentation may include the following:

- a. Copies of solicitations for quotes to MWDBEs. Each solicitation may include a specific description of the work to be subcontracted, location where bid documents can be reviewed, representative of the Prime Bidder to contact, and location, date and time when quotes must be received.
- b. Copies of quotes or responses received from each firm responding to the solicitation.
- c. A telephone log of follow-up calls to each firm sent a solicitation.
- d. For subcontracts where a MWDBE is not considered the lowest responsible sub- bidder, copies of quotes received from all firms submitting quotes for that particular subcontract.
- e. Documentation of any contacts or correspondence to MWDBE, community or contractor organizations in an attempt to meet the goal.
- f. Copy of pre-bid roster.
- g. Letter documenting efforts to provide assistance in obtaining required bonding or insurance for MWDBEs.
- h. Letter detailing reasons for rejection of a MWDBE due to lack of qualification.
- i. Letter documenting proposed assistance offered to MWDBEs in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letter of credit, including waiving credit that is ordinarily required.

Failure to provide the documentation as listed in these provisions may result in rejection of the bid and award to the next lowest responsible and responsive Bidder.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_  
 Subscribed and sworn to before me this \_\_\_\_\_ day \_\_\_\_\_ 20\_\_\_\_  
 Notary Public \_\_\_\_\_  
 My commission expires \_\_\_\_\_

### Affidavit E: Identification of MWDBE/Local Participation

\_\_\_\_\_  
(Name of Bidder)

I hereby certify that on contract: \_\_\_\_\_

\_\_\_\_\_  
(Name of Project)

We will use the following Minority, Women, and Disadvantaged Business Enterprises (MWDBE), and Local (Cumberland, Hoke, Harnett County) as construction subcontractors, vendors, suppliers, or providers of professional services.

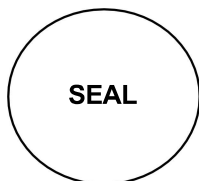
<u>Name, Address, &amp; Phone No.</u>	<u>*MWDBE Category / **Local</u>	<u>NAICS</u>	<u>Dollar Value</u>

\*MWDBE categories: Black-African Americans (B), Hispanic-Americans (H), Asian- Americans (A), Native-Americans (I), Women (F), Socially/Economically Disadvantaged (D)

\*\*Local: Fayetteville Metropolitan Statistical Area (MSA) comprising of Cumberland County, Hoke County, and Harnett County. PWC is requesting this information for reporting purposes only, and use of local entities will not be considered for compliance with the requirements of the MWDBE Program.

The total value of MWDBE/local business contracting will be \$ \_\_\_\_\_

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day \_\_\_\_\_ 20\_\_\_\_

Notary Public \_\_\_\_\_

My commission expires \_\_\_\_\_

**FAYETTEVILLE PUBLIC WORKS COMMISSION  
MWDBE ADD / CHANGE FORM**

If a MWDBE subcontractor fails to complete work under the subcontract for any reason, the recipient must require the prime contractor to employ the good faith efforts set forth in the MWDBE Program if soliciting a replacement or additional subcontractor.

**For MWDBE Change Request, please provide all information below:**

Prime Contractor: \_\_\_\_\_

Subcontracted Work: \_\_\_\_\_

Previous Subcontractor: \_\_\_\_\_

Reason this for change request:  
\_\_\_\_\_

New Subcontractor: \_\_\_\_\_ MWDBE Category: \_\_\_\_\_

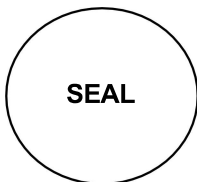
**To Add MWDBE Subcontractor/Subcontracted work:**

If this is a new trade being subcontracted or a subcontractor that was not documented in the original Project Bid Information submittal, then good faith efforts to solicit a MWDBE must be documented, as the original MWDBE instructions indicate. Please provide all good faith efforts below showing all the MWDBE firms contacted to perform this work along with any additional good faith efforts or evidence that there are not reasonably available firms in the work area. PWC's MWDBE Program requires that good faith efforts are to be carried out to the fullest extent practicable. If solicitations were not carried out due to being impracticable, please attach this explanation to this form.

Name, Address, & Contact Information	MBE or WBE and Certifying agency	How was this firm contacted (email, letter, or Phone) and what was the result of the solicitation? *

\*Must submit copies of emails or letters. If phone calls were made this sheet can serve as documentation of calls

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_



State of North Carolina, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day \_\_\_\_\_ 20\_\_

Notary Public \_\_\_\_\_

My commission expires \_\_\_\_\_

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**ADDENDUM NO. 4 – TECHNICAL SPECIFICATIONS AND DRAWINGS**

Date: 2/6/2024  
Project: Cross Creek WRF and Rockfish Creek WRF Screw  
Pump Improvements  
Owner: Fayetteville Public Works Commission  
Engineer: Hazen and Sawyer

To All Bidders:

Contractors submitting Proposals for the above-named Project shall take note of the following changes, additions, deletions, clarifications, etc., in the Contract Documents, which shall become part of and have precedence over anything contrarily shown or described in the Contract Documents, and all such shall be taken into consideration and be included in the Contractor's Bid Proposal.

All other general items, conditions, drawings, and specifications shall remain the same. Please acknowledge the receipt of this Addendum on the Bid Form.

Refer to the Attached Sheets.



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Colin W. W. Beck, PE  
Hazen and Sawyer

# Cross Creek WRF and Rockfish Creek WRF Screw Pump Improvements

## Addendum No. 4

### **SPECIFICATIONS:**

#### Advertisement for Bid

Page 1          Delete

“Rockfish Creek Influent Pump Station work includes replacement of four existing screw pumps and addition of a new screw pump”.

and replace with

“Rockfish Creek Influent Pump Station work includes replacement of four existing screw pumps”.

#### 01 52 00 – Construction Facilities

1.02-B-1          Add the following sentence, “Engineer’s Field Office need only be provided at Cross Creek. Engineer’s Field office does not need to be provided at Rockfish Creek.”

#### 03 01 30 – Concrete Repairs

1.02-B          Delete 1.02-B

#### 40 66 00 – Network And Communication Equipment

2.04              Delete the entire subsection and replace with the following:

“2.04   MULTIMODE FIBER OPTIC CABLE

A. Fiber optic cable shall conform to TIA 492-AAAA and the following specifications:

1. Fiber Type: Graded Index (GI) Multimode
2. Fiber/Cladding Diameter: 62.5/125 microns
3. No. Fibers: 12 (color-coded), unless otherwise indicated
4. Cable Construction: Loose Tube with Ripcords
5. Filling: Water Swellable Dry Block
6. Armored: No
7. Central Member: Dielectric (Kevlar)
8. Rating: Gigabit ethernet, unless otherwise indicated
9. Modal Bandwidth (OM1):
  - a. 200 MHz-km OFL at 850 nm
  - b. 500 MHz-km OFL at 500 nm
10. Maximum Attenuation:
  - a. 3.5 dB/km at 850 nm
  - b. 1.5 dB/km at 1300 nm

- 11. Application Type: Direct burial/Conduit/Aerial
- 12. Plenum Rated: Where required (e.g., drop ceilings)
- 13. Sheath: UV Resistant
- 14. Max. Tensile Load: 600 lbs (2700 N) installation; 200 lbs (890 N) long term
- 15. Minimum Bend Radius: 7 in under maximum tensile load; 4.6 in unloaded (installed)
- 16. Operating Temperature: -40 to 70 degrees C
- 17. Operating Relative Humidity: 0 to 100%

- B. Fiber optic cable shall utilize mechanically spliced, field installable, SC, LC, or ST compatible connectors. Connections shall have a typical loss of 0.35 dB or better and shall provide stable optical performance after numerous rematings. Heat or UV cured connections shall not be acceptable. Where applicable, field terminations shall use a simple procedure requiring minimal training.
- C. Fiber optic cable shall be ALTOS All Dielectric Loose Tube Optical Cable as manufactured by Corning Cable Systems, the Extended Performance Fiber Optic Cable Series as manufactured by Phoenix Digital, Inc., Belden equivalent, equivalent system by Optical Cable Corporation, or equal.”

40 78 00 – Panel Mounted Instruments

- 2.02. B Add the following sentence, “For Class I, Division 1, Groups A-D Area Classifications, the indicator assembly package shall be the PD6907 ProtEX+ Series, loop-powered, IS explosion-proof with stainless steel enclosure as manufactured by Precision Digital.”

40 61 91 – Process Control System Instrument List

- PART 3 Under Tag Number LE/LT-100, add the following text in the “Remarks” column, “See Note 3”

NOTES: Add the following text for the new Note No.3 as follows:

“3. Provide a stand-alone NEMA 4X stainless steel enclosure to house an intrinsically safe barrier for this IS instrument loop. The panel shall be located outside of the Classified Area. The panel shall be stanchion mounted and shall require 120 VAC power supply.”

40 72 23 – Radar Level Meters

- 2.01. C Remove the second sentence and third sentence in this paragraph.
- 2.01. C Add the following text add the end of the first sentence, “or 4” horn shape type. Process connection shall be threaded (NPT).”
- 2.01. G Add the following sentence, “For a radar level meter installed in Class I, Division 1, Groups A-D, provide Model Optiwave 5400C as manufactured by Krohne, Model Mocropilot FMR51 as manufactured by Endress & Hauser.”

## 40 72 23 – Screw Pumps

- 1.02 For Rockfish Creek IPS Screw Pumps only make the following changes:
- Number of Flights delete “3” and replace with “2 or 3”.
  - Torque Tube Diameter delete “48” and replace with “48 or 54”.
  - Torque Tube Thickness delete “1/2” and replace with “3/8 or 1/2”.
  - Flight Thickness delete “3/8” and replace with “5/16 or 3/8”.
  - Add “Flight Pitch, inches: 68” or 80”.
- 2.03 Cross Creek WRF IPS and PS No. 3 motors, delete “Inverter Duty: Yes” replace with “Inverter Duty: No” and delete “Service Factor: 1.0” and replace with “Service Factor: 1.15”.

### **DRAWINGS (Cross Creek):**

#### M104, M105, M202, M203

Delete “AL Frame Cover” and replace with “SST Frame Cover” to match the material as shown in Detail 2/M105.

#### E11A

Bid shall assume for demolition purposes that TX-27SWBD-1A,1B does not contain PCBs.

#### E103A

If the alternate bid is selected, starters for Influent Pump Station Supply Fan No. 1 & 2 are to be in the electrical room as shown on E120A. If the Base Bid is selected, the starters are to be located as shown on E103.

#### E121A

For Influent Screw Pumps 3, 4, and 5 delete “100A” and replace with “200A”.

#### E200, E201

Scale is 1/4” = 1’-0”

### **DRAWINGS (Rockfish Creek):**

GENERAL: Area classifications for Rockfish Creek Influent Pump Station shall be the same as area classifications shown for Cross Creek Influent Pump Station.

#### M100

Bases shall be demolished as required to accommodate new screw pump and associated equipment rotation direction. Per Note 1 on M100 (ROCKFISH), the portion of the existing base that houses the existing embedded conduit shall be preserved.