

ADDENDUM NO. 4

DATE: **July 19, 2016**
OWNER: **City of Stockbridge**
PROJECT: **Willow Springs & Southwinds Pump Station Rehabilitation**
C & S PROJECT NO.: **S9100.004 / RFP #201606-08**
ENGINEER: **Martin C. Boyd, P.E.**
CARTER & SLOOPE, INC.
P.O. Box 534
Watkinsville, Georgia 30677
Telephone: 706-769-4119 Fax: 706-769-4546
Email: mboyd@cartersloope.com

BID DATE: July 26, 2016

BID OPENING: 2:00 PM Local Time

TO ALL BIDDERS:

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY INSERTING ITS NUMBER IN YOUR BID FORM – SECTION 00400. FAILURE TO DO SO MAY SUBJECT BONA FIDE BIDDERS TO DISQUALIFICATION. THIS ADDENDUM FORMS A PART OF THE BIDDING DOCUMENTS WHICH ARE HEREBY MODIFIED IN THE FOLLOWING RESPECTS:

I. SUBSTITUTE MATERIALS & EQUIPMENT

In accordance with Section 01300 of the specifications, the following manufacturers have met the pre-bid submittal requirements for “Substitute” materials and equipment. Each bidder’s attention is directed to Section 00400 and 01300 in completing the Bid Form. Listing of substitute materials and equipment herein does not constitute approval. Final approval will be made after bids are received if substitute materials and equipment affects the low bids and if substitute materials and equipment is determined to be equal to the specifications based on the pre-submittal received.

- A. Protective Coatings (Section 09900 and Sheet 11)
 - 1. Protective Liner Systems
 - 2. Standard Cement Materials

- B. Submersible Pumping Systems (Section 11310)
 - 1. Grundfos

- C. SCADA Panel
 - 1. Raco

II. CONTRACT DOCUMENTS AND SPECIFICATIONS

- A. Section 00400 – Bid Form
 - 1. Replace the Bid Form with the attached revised Bid Form.
- B. Section 01025 – Measurement and Payment
 - 1. Replace the Measurement and Payment with the attached revised section.
- C. Section 11310
 - 1. Refer to paragraph 2.1.C. The maximum motor speed shall be: 1750 rpm

III. CONTRACT DRAWINGS

- A. Add the following note to Sheet 6: “Note: The Contractor shall furnish and install all crushed stone, piping, fittings, couplings, and appurtenances necessary to replace the manholes.”
- B. Replace Sheet 8 with the revised attached sheet.
- C. Refer to Sheet 11:
 - a. Under the Protective Coatings paragraph, Note 5, change “TNEMEC Series 451” to read “TNEMEC Series 431”.
 - b. Under the Protective Coatings paragraph, add the following Note 6:
“6. Work shall be performed by skilled applicators thoroughly trained in coating applications and familiar with the specific requirements of the coating manufacturer. In addition to a one-year warranty against coating failure, the Contractor shall also provide a two-year adhesion warranty on the coating system from the date of Substantial Completion. Any failures will be repaired by the Contractor at their expense and an additional two-year warranty shall be provided on any repairs. The coatings supplier shall provide a five-year manufacturer’s limited material warranty from the date of Substantial Completion to replace the product in the event of a defective condition of the product.”
 - c. Under Piping, Valves & Accessories paragraph, Note 2, strike the first sentence pertaining to cement mortar lining and bituminous seal coat and replace that sentence with the following:

“PIPE AND FITTINGS SHALL HAVE AN INTERIOR AND EXTERIOR COATING AS DESCRIBED IN PROTECTIVE COATINGS.”
- D. Refer to Sheet 12.
 - a. Under the Backflow Preventer detail, change the “(See SPEC. SECT. 02510)” to read “(See SPEC. SECT. 02530).”
 - b. The fiberglass box shall be provided with a heater and the electrical drawings Sheet E-2 shows a proposed 120V, 20A 1 Phase power to a receptacle whose location shall be coordinated in the field during

CLARIFICATIONS

1. **QUESTION:** Can we store materials at the City's Wastewater Treatment Plant site or at contractor's facilities?
ANSWER: The Contractor may claim stored materials off-site at their facilities if they are properly stored in accordance with the manufacturer's recommendations and these Specifications. The materials must be accessible to the Engineer for inspection. The Contractor may store equipment and materials at the City's WWTP; however, the City will not be held responsible for their safety or security. Contractors may store them there at their risk. The address of the City's WWTP is: 100 Stapleton Drive, Stockbridge, GA 30281; Phone: (770) 474-1232.
2. **QUESTION:** How long can the Willow Springs and Southwinds Pump Station be down for making the bypass pump connection?
ANSWER: The City is estimating that during the hours of 7 AM – 7 PM, the stations can be turned off for approximately 1 hour; however, the Contractor may find extended times during off-peak hours where low flows may occur.
3. **QUESTION:** Will the Engineer send out the sign-in sheet to the pre-bid meeting?
ANSWER: Yes. It is attached.
4. **QUESTION:** Is there a valve just above the pump station that can be shut in order to prevent the entire contents of the force main from dumping when it is cut, or will we have to install an insertion valve to prevent this from happening?
ANSWER: The City is unaware of any in-line valve on the force main downstream of the existing pump station so the Contractor will be responsible for developing the means and methods to prevent the sewage in the force main from dumping and spilling during the tie-in. Using an insertion valve is acceptable.
5. **QUESTION:** Is the contractor responsible for all traffic control work, or will the city provide signage or other items?
ANSWER: The contractor will be responsible for all traffic control work. The city will not provide any signage or other items.
6. **QUESTION:** On Sheet 3, there is a proposed yard hydrant shown on the drawing site plan to be installed, but I do not see anything mentioning the location of the existing or new piping or a backflow preventer. I assume one is required since it is mentioned in the details. Please clarify the yard wash down water piping.
ANSWER: The backflow preventer detail is shown on Sheet 12. The Contractor can tie the proposed backflow preventer to the existing water service line that is already run to the existing yard hydrant; however, the Contractor will be responsible for any new piping to connect the backflow preventer to the existing water line and to the proposed yard hydrant. All new service line required shall be Copper Type L as shown on this detail.

END OF ADDENDUM NO. 4

BID FORM

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BID FORM

ARTICLE 1 – BID RECIPIENT

1.01 Project Identification:

WILLOW SPRINGS & SOUTHWINDS PUMP STATION REHABILITATION

Carter & Sloope Project No. : S9100.004

1.02 This Bid is submitted to:

MR. MICHAEL C. HARRIS
CITY OF STOCKBRIDGE
4640 NORTH HENRY BLVD.
STOCKBRIDGE, GA 30281

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

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

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

2.02 The undersigned further agrees that in case of failure on his part to execute the said contract and the Bond within fifteen (15) consecutive calendar days after written notice being given of the award of the contract, the check or bid bond accompanying this bid, and the monies payable thereon shall be paid into the funds of the Owner as liquidated damages for such failure, otherwise, the check or bid bond accompanying this proposal shall be returned to the undersigned.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

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

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) that have been identified in ~~SC 4.02 as containing reliable "technical data,"~~ *Part 6 of the Supplemental Conditions* and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in ~~SC 4.06 as containing reliable "technical data"~~ *Part 6 of the Supplemental Conditions*.
- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

J. Bidder will submit written evidence of its Authority to do business in the State where the

Project is located no later than the date of its execution of the Agreement.

ARTICLE 4 – BIDDER’S CERTIFICATION

4.01 Bidder certifies that:

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

ARTICLE 5 – BASIS OF BID

5.01 The Contractor is directed to Section 01025 – Measurement & Payment for methods and limits for payments to the Contractor for the pay items listed below.

5.02 The Contractor has the option to bid Contract A or Contract B separately or may bid both. If the Contractor chooses to offer bids on both Contract A and Contract B and has determined that a deduct would result if awarded both projects, then the Contractor may offer a deduct under Article 5.04 below.

5.03 **Contract A – Pump Station Rehabilitation**

ITEM NO. DESCRIPTION

1. Willow Springs and Glenn Addy Pump Station Rehabilitation Lump Sum

Bidder agrees to furnish all materials and equipment and to perform all labor necessary to complete the pump station rehabilitation improvements shown on the Drawings and as specified herein, including, but not limited to, mobilization/demobilization, bonds, insurance, demolition, temporary bypass connection, temporary bypass pumping, wet well rehabilitation (excluding cementitious concrete repair and crack joint repair, which will be paid for on a unit price basis under Item No. 4), valve vault, piping, valves, yard hydrant, fencing, site work, concrete slab, soil erosion and sediment control and grassing at the pump station site, construction exit, asphalt paving of existing gravel drive, electrical, moving the existing generator from Willow Springs Pump Station to Glenn Addy Pump Station, installing a new generator at Willow Springs Pump Station, fencing and other work at the Glenn Addy pump station site, and other appurtenances necessary to provide a complete and working installation **except for furnishing** the Major Materials and Mechanical Equipment scheduled in Item 3. The cost of furnishing the items listed in Item 3 shall be **excluded** from this lump sum total. The lump sum total for Item 1 shall be:

Lump Sum in Words

Dollars and Cents

2. Southwinds Pump Station Rehabilitation Lump Sum

Bidder agrees to furnish all materials and equipment and to perform all labor necessary to complete the pump station rehabilitation improvements shown on the Drawings and as specified herein, including, but not limited to, mobilization/demobilization, bonds, insurance, demolition, temporary bypass connection, temporary bypass pumping, wet well rehabilitation (excluding cementitious concrete repair and crack joint repair, which will be paid for on a unit price basis under Item No. 4), valve vault, piping, valves, site work, concrete slab, soil erosion and sediment control and grassing at the pump station site, construction exit, electrical, and other appurtenances necessary to provide a complete and working installation **except for furnishing** the Major Materials and Mechanical Equipment scheduled in Item 3. The cost of furnishing the items listed in Item 3 shall be **excluded** from this lump sum total. The lump sum total for Item 2 shall be:

Lump Sum in Words

Dollars and Cents

3. Major Materials and Mechanical Equipment Schedule

The following schedule **MUST** be completed by the Bidder for all Major Materials and Mechanical Equipment as listed. **The price for the Base Bid materials and mechanical equipment shall be used by the Bidder as the basis for determining the Total Base Bid Lump Sum Price for Items 1-5.** Design of this project is based upon the "Base Bid" materials and equipment named in the Schedule. The Contractor must provide a price for all named "Base Bid" and "Accepted Equal" Materials and Equipment, if any. Pricing shall be based on quotation provided to the Bidder at the time of the Bid. If no quotation is received from a manufacturer, the Bidder shall enter "No Bid" in the space provided. Evidence must be provided that an attempt was made to solicit quotations from each named manufacture. Failure to enter prices for named suppliers without such evidence shall be grounds for determining the Bid as non-responsive.

The Contractor may also offer a price for Substitute materials and equipment in the blanks provided; however, it is not necessary that substitutions be offered. Substitute materials and equipment will be evaluated after the bids are received as defined in the Instruction to Bidders, General Conditions, Supplementary Conditions, and Section 01300 in the Technical Specifications. Full consideration will be given to substitute materials and equipment regardless of whether the cost is greater than or less than the Base Bid item. No requests for substitutions will be accepted after the Bid Opening. Prices given for "Accepted Equal" and "Substitute" materials and equipment will be evaluated after the bids are received. The contract will be awarded on the basis of the lowest qualified base bid including any "Accepted Equal" or "Substitute" Equipment selected by the Owner. NOTE: "Accepted Equal" and "Substitute" pricing shall include any associated cost differences for installation of other work if it differs from the Base Bid equipment and any re-engineering that will be needed for use of "Accepted Equal" or "Substitute" materials and equipment in the provided design.

In summary, the Contractor must write-in on this Bid Form the price for “Base Bid” and “Accepted Equal” materials and equipment for the bid to be considered complete and responsive, unless a vendor does not offer a quote for the equipment in which case the contractor shall enter “No Bid” in the space provided. The contractor is not required to write-in any vendor or price in the “Substitute” blanks; however, substitutes are encouraged and will be evaluated if provided.

The Price provided below shall include all items as provided for in the Manufacturer's (or Manufacturer's Representative's) quotation or in the case of the Protective Coatings, the coating manufacture and installer's quotation. **The prime Contractor's markup and installation costs shall not be included in below pricing, but shall be included in the Contractor's lump sum price in Item 1 and 2 for which the work pertains.** All Bids are subject to evaluation by the Engineer and it is agreed by the Bidder that the following tabulated and submitted data is made a part of the Bid and shall become part of this contract.

- a. Southwinds Pump Station Submersible Pumps – Section 11310

SECTION 00400-7
BID FORM

Base Bid: Xylem

Dollar/Cents

Words

Accepted Equal: Gorman-Rupp

Dollar/Cents

Words

Substitute: _____

Dollar/Cents

Words

b. Willow Springs Pump Station Submersible Chopper Pumps – Section 11311

Base Bid: Vaughn

Dollar/Cents

Words

Substitute: _____

Dollar/Cents

Words

c. Natural Gas Generator – Section 16232

Base Bid: Caterpillar

Dollar/Cents

Words

Accepted Equal: Cummins

Dollars/Cents

Words

Accepted Equal: Kohler

Dollars/Cents

Words

SECTION 00400-8
BID FORM

Accepted Equal: MTU Onsite Energy

_____ Dollars/Cents

_____ Words

Substitute: _____

_____ Dollars/Cents

_____ Words

d. Jib Cranes – Section 11340

Base Bid: Gorbel

_____ Dollar/Cents

_____ Words

Accepted Equal: _____

_____ Dollars/Cents

_____ Words

e. Protective Coatings – Section 09900 & Sheet 11 (include material & installation cost here)

Base Bid: TNEMEC

_____ Dollar/Cents

_____ Words

Substitute: Protective Liner Systems

_____ Dollars/Cents

_____ Words

Substitute: Standard Cement Materials

_____ Dollars/Cents

_____ Words

f. SCADA – Electrical Plans

_____ Dollars/Cents

_____ Words

Base Bid: Mission Controls

_____ Dollar/Cents

SECTION 00400-9
BID FORM

Words

Substitute: Raco

Dollars/Cents

Words

4. Allowances (Section 01020)

a. Supplemental Work Allowance	\$	50,000 Dollars
b. Spare Parts Cash Allowance	\$	5,000 Dollars

5. Concrete Repairs

(To be used where authorized by the Engineer outside of the scope of the lump sum work under Item 1 and 2.).

<u>Item No.</u>	<u>Est. Qty.</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price Proposed</u>	<u>Total for Item</u>
a.	100	SF	Cementitious Repair – Wall	_____	_____
b.	60	SF	Cementitious Repair – Slab	_____	_____
c.	50	SF	Cementitious Repair – Roof	_____	_____
d.	100	LF	Crack Repair	_____	_____

TOTAL BASE BID, CONTRACT A, ITEMS 1-5 INCLUSIVE, THE AMOUNT OF:

\$ _____

Dollars & Cents

Price in Words

5.04 Contract A Additions/Deductions

The Owner reserves the right to make certain changes in the scope of work for Contract A the purpose of making an award. Each Bidder must fill in the amount as required below.

1. Deduct for Multiple Contract Bid: If the Contractor chooses to offer bids on Contract A and Contract B for this Project and has determined that a deduct would result if awarded

both Contracts, a deduct price may be offered below and will be deducted from the Contract A total lump sum bid price in Item No. 1 in Article 5.03; deduct the amount of:

\$ _____ Deduct

2. Jib Crane: For deleting all Work required for furnishing and install the jib crane at the Willow Springs Pump Station site; including but not limited to foundation, crane, hoist, electrical and other appurtenances deduct the amount of:

\$ _____ Deduct

3. Davit Crane: For furnishing one (1) series 5PT30 Davit Crane with a 3,000 lbs. load capacity with ratchet style screw-jack (Model SPT30JX-M2X) for an adjustable boom and pedestal mounted to concrete wet well at Willow Springs Pump Station Site. Furnish with a 2W40-BM-K worm gear hand winch with totally enclosed gearing and internal automatic load brake for positive load control. Also furnish with a heavy-duty right angle drill kit for use with 2W40 worm gear hand winches complete with 1 1/8" hex socket adapter, 120V single phase, 300 RPM, 11.5 amps. A stainless steel 3/8" diameter 7x19 air craft cable assembly, 60 ft. long shall be provided with 316 SS swivel hook with safety latch shall be furnished and installed and the entire system load tested. Add the amount of:

\$ _____ Add

4. Concrete Drive: For installing 8" thick 4,000 psi concrete drive per the detail on Sheet 9 in lieu of asphalt paving at Willow Springs Pump Station Site, Add or Deduct (circle one) the amount of:

\$ _____ Add or Deduct (circle one)

5.05 Contract B – Force Main & Manhole Replacement

<u>Item No.</u>	<u>Est. Qty.</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price Proposed</u>	<u>Total for Item</u>
1.			Rock Excavation & Removal		
a.	20	CY	Rock Excavation/Removal	\$75.00	\$1,500.00
2.			Soil Erosion & Sediment Control		
a.	625	LF	Sd1-Ns, Silt Fence – Type Ns		
b.	4	EA	Sd2, Inlet Sediment Trap		
c.	4	EA	Cd-Fs, Check Dam – Filter Sock		
d.	1	EA	Co, Construction Exits		
e.	405	LF	Grassing (Temporary & Permanent)		

	f.	370	LF	Sod Replacement	_____	_____
3.	Force Main					
	a.	990	LF	6" Dia. PVC Force Main	_____	_____
	b.	50	LF	Open Cut 12" Dia. Steel Casing, 0.250" W.T. (carrier pipe paid under separate item)	_____	_____
	c.	1	EA	Combination Air Release/Vacuum Valve & MH	_____	_____
	d.	1	EA	Connect to Manhole	_____	_____
	e.	1	EA	Connect to Existing 6" Force Main	_____	_____
4.	Manholes					
	a.	3	EA	Replace existing manhole with a Standard 4' Dia. Manhole Complete Including Base, Cone, Riser, Frame & Cover, and Coating 0.0' – 6.0' Depth	_____	_____
	b.	4	VF	Manhole Additional Vertical Feet	_____	_____
5.	Removing & Replacing Pavements					
	a.	270	LF	Asphalt Roadway Repair/Replacement	_____	_____
	b.	20	LF	Sidewalk Repair/Replacement	_____	_____
	c.	20	LF	Concrete Curb Repair/Replacement	_____	_____

TOTAL BASE BID, CONTRACT B, ITEMS 1-5 INCLUSIVE, THE AMOUNT OF:

\$ _____

Dollars & Cents

Price in Words

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete within **210** calendar days for Contract A, **90** calendar days for Contract B or **210** calendar days for Contract A and B after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within **210** calendar days for Contract A, **90** calendar days for Contract B or **210** calendar days for Contract A and B after the date when the Contract Times commence to run.

City of Stockbridge
Willow Springs & Southwinds Pump Station Rehabilitation

C & S Project No. S9100.004

May 2016

Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified in the Agreement.

ARTICLE 7 – ATTACHMENTS TO THIS BID

7.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid security in the form of 10% of the Total Bid Price;
- B. List of Project References;
- C. List of Proposed Subcontractors;
- D. List of Proposed Suppliers;
- E. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
- F. License No. of Contractor performing the work or evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;
- G. Qualifications of Bidder (*Section 00470*)
- H. Noncollusion Affidavit of prime Bidder (*Section 00481*)
- I. Contractor Affidavit and Agreement (*Section 00483*)
- J. Subcontractor Affidavit and Agreement (*Section 00484*)
- K. Save Affidavit (*Section 00485*)

ARTICLE 8 – DEFINED TERMS

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

ARTICLE 9 – BID COMMUNICATION

9.01 COMMUNICATION CONCERNING THIS BID SHALL BE ADDRESS TO:

MR. MARTIN C. BOYD, P.E.
CARTER & SLOOPE, INC.
1031 STONEBRIDGE PARKWAY
WATKINSVILLE, GEORGIA 30677
PHONE: 706-769-4119

ARTICLE 10 – BID SUBMITTAL

10.01 This Bid is submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____

(Individual's signature)

Doing business as: _____

A Partnership

Partnership Name: _____

By: _____

(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): _____

By: _____

(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(CORPORATE SEAL)

Attest _____

Date of Qualification to do business in *Georgia*
is ____/____/____.

A Joint Venture

Name of Joint Venture: _____

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

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

Bidder's Business Address _____

Phone No. _____ Fax No. _____

E-mail _____

SUBMITTED on _____, 20____.

State Contractor License No. *of Contractor performing the work.* _____

END OF SECTION

SECTION 01025
MEASUREMENT AND PAYMENT
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SECTION 01025
MEASUREMENT AND PAYMENT

PART 1. GENERAL

1.1 SCOPE OF WORK

- A. This Section describes the methods by which measurement will be made of the quantities for which payment will be made for the Project.
- B. The project is to be bid as **one contract**.
- C. Defect assessment and non-payment for rejected work.

1.2 MEASUREMENT OF WORK

- A. Measurement methods delineated in the individual specification sections complement the criteria of this section. In the event of conflict, the requirements of the individual specification section govern.
- B. Work shall be measured by the **Engineer or his representative** with assistance from the Contractor prior to preparation of a payment request by the Contractor.
- C. Unit quantities that are measured in place shall be measured monthly. The Contractor shall give the Engineer a minimum of two days-notice for making all required measurements.
- D. Materials that must be measured as delivered shall be measured at the time of delivery by the Engineer or his representative; the Contractor shall provide sufficient advance notice so that such measurements can be made.
- E. Work completed shall be measured for completion against the schedule of values provided by the Contractor in accordance with the General Conditions. Related work necessary for a complete and operational job, such as relocation of mail boxes, removal of trees, relocation of utilities, graveling / maintaining driveways, field engineering, clearing and grubbing, traffic control, etc., not specifically identified as a pay item shall be included in the unit price bid. No additional payments will be made for such activities.

1.3 ESTIMATED QUANTITIES

- A. All estimated quantities for unit price items, stipulated in the BID FORM, or other Contract Documents, are approximate and are to be used as a basis for comparing the bids submitted for the Project. The actual amounts of work done and materials furnished under unit price items may differ from the estimated quantities. The basis of payment for work and materials will be the actual amount of work done and

materials furnished. The Contractor agrees to make no claim for damages, anticipated profits or otherwise on account of any difference between the amounts of work actually furnished and the estimated amounts included in the BID FORM. The Contractor will not be paid for any work which exceeds the quantity set forth in the BID FORM without a change order issued before the work is performed unless specifically ordered in writing by the Engineer. The Contractor will provide assistance to the Engineer to check quantities and elevations when so requested.

1.4 MEASUREMENT OF QUANTITIES

- A. Measurement by Weight – Concrete reinforcing steel, rolled or formed steel, ductile iron pipe fittings, or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
- B. Measurement by Volume – Measured by cubic dimension using mean length, width and height or thickness.
- C. Measurement by Area – Measured by square dimension using mean length and width or radius.
- D. Linear Measurement – Measured by linear dimension, at the item centerline or mean chord.
- E. Stipulated Sum/Price Measurement – Items measured by weight, volume, area, or linear means or combination, as appropriate, as a completed item or unit of the Work.

1.5 PROGRESS PAYMENTS

- A. Progress payments shall be based on percentage of work complete on a lump sum project.
- B. All items of Work not specifically listed in the Bid Schedule shall be considered incidental to the construction, and the cost of all such work and material shall be included in the prices bid for various items listed.
- C. All items listed for measurement and payment shall include all machinery, plant, materials and labor, etc., to successfully and satisfactorily complete Work specified.
- D. Payment – The Contractor will receive payment only for the items listed in the Bid Schedule of his contract, and no separate payments will be made for the work under any section of the Contract Documents except as provided for in the Bid Form. Where measurements are required to be made by the Engineer, for the payment of a pay item, the failure of the Contractor to give the adequate notification or failure of the Contractor to give the engineer assistance for the measurement shall result in the forfeiture of payment for the work or item which was not measured.

- E. Work to be paid for as a “Lump Sum” shall be measured for completion against the “Schedule of Values” provided by the Contractor. The “Schedule of Values” shall be submitted at the Preconstruction conference and shall include quantities and prices of items aggregating the total “Lump Sum” and will subdivide the work into component parts in sufficient detail to serve as the basis for progress payments during construction.

- F. Progress payments shall be paid at the end of each dredging cycle, based on the total number of cycles completed divided by the total number of dredging cycles proposed by the Contractor and submitted in the Schedule of Values. Progress payments shall also be paid at the end of each hauling cycle based on the same rationale. Monthly progress payments may be requested within a specific dredging or hauling cycle based on a pro-rated amount of the work completed for the active cycle, not to exceed the total for the cycle.

- G. At the completion of all dredging cycles, a post-dredge hydrographic survey will be conducted by the Owner and compared to the pre-dredge survey for verifying the extents of sediment removed. Any volume of sediment detected shall be deducted from the Lump Sum price on a percentage basis of the pre-dredge sediment volume. An accumulation allowance, to be determined by the Owner, shall be made for any sediment accumulating at the reservoir entrance that shall not apply to any Lump Sum price reductions. No overdepth dredging shall be paid.

PART 2. PRODUCTS

2.1 STORED MATERIALS

- A. Partial payment shall be made for approved materials stored at the project site, provided invoices for said materials are furnished in accordance with payment request submittal and shop drawings for said materials have been approved. . All costs associated with covering and protecting equipment and materials shall be bore by the contractor.

PART 3. EXECUTION

3.1 GENERAL

- A. Paragraph 3.2 is related to Contract A only. Paragraphs 3.3 through 3.10 are related to Contract B only.

3.2 LUMP SUM ITEMS (CONTRACT A)

- A. Item 1 – Willow Springs and Glenn Addy Pump Station Rehabilitation Lump Sum
The Contractor shall list the lump sum price for furnishing all materials and equipment and performing all labor necessary to complete the pump station rehabilitation improvements as shown on the Drawings and as specified herein,

including, but not limited to, mobilization/demobilization, bonds, insurance, demolition, mechanical equipment (excluding the cost of furnishing Major Materials, Mechanical Equipment, and Protective Coatings listed in Item 3), temporary bypass connection, temporary bypass pumping, wet well rehabilitation (excluding cementitious concrete repair and crack joint repair, which will be paid for on a unit price basis under Item No. 4), valve vault, piping, valves, yard hydrant, fencing, site work, jib crane, concrete slab, soil erosion and sediment control and grassing at the pump station site, construction exit, asphalt paving of existing gravel drive, electrical, moving the existing generator from Willow Springs Pump Station to Glenn Addy Pump Station, installing a new generator at Willow Springs Pump Station, fencing and other work at the Glenn Addy pump station site, delivery of materials, all taxes and royalties applicable and other materials, equipment and appurtenances necessary to execute, make ready for use, and place into operation.

B. Item 2 – Southwinds Pump Station Rehabilitation Lump Sum

The Contractor shall list the lump sum price for furnishing all materials and equipment and performing all labor necessary to complete the pump station rehabilitation improvements as shown on the Drawings and as specified herein, including, but not limited to, mobilization/demobilization, bonds, insurance, demolition, mechanical equipment (excluding the cost of furnishing Major Materials, Mechanical Equipment, and Protective Coatings listed in Item 3), temporary bypass connection, temporary bypass pumping, wet well rehabilitation (excluding cementitious concrete repair and crack joint repair, which will be paid for on a unit price basis under Item No. 4), valve vault, piping, valves, site work, concrete slab, soil erosion and sediment control and grassing at the pump station site, construction exit, delivery of materials, all taxes and royalties applicable and other materials, equipment and appurtenances necessary to execute, make ready for use, and place into operation.

C. Item 3 – Major Materials and Mechanical Equipment Schedule

The Contractor shall list the lump sum prices for the Major Materials and Mechanical Equipment listed in the schedule. The prices provided shall include all items as provided for in the Manufacturer's (or Manufacturer's Representative's) quotation or in the case of the Protective coatings, the coating manufacture and installer's quotation. The price shall include delivery, start-up services, all taxes and royalties applicable, factory representations, Operations and Maintenance Manuals, spare parts, and all miscellaneous hardware, fittings, connections and appurtenances furnished by the manufacturer. The Prime Contractor's mark-up and installation costs shall not be included herein, but shall instead be included in the Contractor's lump sum price in Item 1 and 2 for which the work pertains.

D. Item 4 – Supplemental Work Allowance

1. The Contractor shall allow the sum as stated in the Bid Form for Cash Allowances purchasing spare parts subject to the provisions of paragraph

11.2 of the General Conditions. The Contractor shall provide coordination, unloading and handling, labor, and placement of the spare parts from a list provided by the Engineer. See Section 01020 for additional information.

2. The Contractor shall allow the sum stated in the Bid Form for Supplemental Work Additions (SWA) and/or contingencies to be utilized to incorporate cost changes for any additional authorized work into the Base Bid scope of work up to the amount budgeted. See Section 01020 for additional information.

E. Item 5 – Concrete Repairs

1. Cementitious Repairs

- a. Measurement: The quantities of the various types of cementitious repairs for which payment will be made shall be expressed in square feet of cementitious repairs made.
- b. Payment: Payment for each type of cementitious repairs made and installed under these specifications shall be made for the quantities determined in the manner specified above at the applicable contract price listed in the Bid Form. This amount, so paid, shall be compensation in full for furnishing all labor, tools, equipment, materials and other work in connection with or incidental to the construction for this bid item. Note that the Bid Form has separate pay items for cementitious repairs made to walls, slab and roof.

2. Crack Repairs

- a. Measurement: The quantities of the various types of crack repairs to stop leaking joints for which payment will be made shall be expressed in linear feet along the center line of the crack repairs made.
- b. Payment: Payment for crack repairs made and installed under these specifications shall be made for the quantities determined in the manner specified above at the applicable contract price listed in the Bid Schedule. This amount, so paid, shall be compensation in full for furnishing all labor, tools, equipment, materials and other work in connection with or incidental to the construction for this bid item.

3.3 SITE CLEARING (SECTION 02230)

- A. No separate measurement or payment will be made for site clearing along the proposed utility route. Payment for all such site clearing shall be included in unit prices bid per linear foot of the various sizes and types of pipe laid as provided for in Bid Schedule.

3.4 EXCAVATING, TRENCHING, AND BACKFILL FOR UTILITY SYSTEMS
(SECTION 02315)

- A. No separate measurement or payment will be made for trench earth excavation for force mains, or other pipes, nor for any other appurtenant facilities such as valves, manholes, piers, and pipe protection or encasement. Payment for all such excavation shall be included in the unit prices bid per linear foot of the various sizes and type of pipe laid as provided for in the contract Bid Schedule. Where special bedding or cradles are shown on Drawings, or required by engineer, no allowance shall be made for extending earth excavation in trenches to the bottom of such bedding or cradles.

3.5 EXCAVATION OF UNSUITABLE MATERIALS & REPLACEMENT (SECTION 02315)

- A. No separate measurement or payment will be made for excavation and replacement of unsuitable materials for force mains, or other pipes, nor for any other appurtenant facilities such as valves, manholes, and pipe protection or encasement. Payment for all such excavation and replacement shall be included in the unit prices bid per linear foot of the various sizes and types of pipe laid as provided for in the Bid Schedule.

3.6 ROCK REMOVAL (SECTION 02316)

A. Trench Rock

1. Measurement: Overburden may be removed prior to drilling and blasting, or if the Contractor elects, he may drill and blast prior to removing overburden. Quantities for rock removal will be made either (a) along profile of rock after overburden is removed prior to blasting, or (b) to rock line as showing inside banks if blasted prior to removal of overburden. Rock excavation will be measured for payment along the length of pipeline for a width equal to $4/3D + 12$ inches, where D is the nominal inside diameter of the pipe, the sides of the trench being considered vertical, and to a depth below the bell of the pipe as specified in Section 02316.
2. Payment: No payment will be made for rock blasted unless the measurement is made by the Engineer or his representative. Payment for excavation in solid rock under these specifications shall be made for the quantities determined in the manner specified above at the unit price per cubic yard as stated in the Bid Schedule, the price being in addition to that paid per foot of pipeline installed. This amount, so paid, shall be compensation in full for furnishing all labor, materials, tools, equipment, services, and other work in connection with or incidental to the construction of this bid item.

3.7 SOIL EROSION AND SEDIMENT CONTROL (SECTION 02370)

A. Silt Fence

1. Measurement: Quantities for silt fence shall be expressed in linear feet in accordance with the plans and specifications. Silt fence used in sediment traps shall be measured and paid for under this item. Dimensions shall be measured and the quantity shall be calculated from such measured dimensions.
2. Payment: Payment for silt fence installed under these specifications shall be made for the quantities determined in the manner specified above. This amount, so paid, shall be compensation in full for furnishing all labor, materials, tools, equipment, services and other work in connection with or incidental to the construction of this bid item. Specifically, this bid item shall include the costs of removing the accumulated silt to maintain effective filtration and removal of the silt fence itself after soil stabilization is achieved to the satisfaction of the Owner.

B. Inlet sediment trap

1. Measurement: Measurement shall be on the basis of each installed.
2. Payment: Payment for furnishing and installing Inlet Sediment Traps shall be on the basis of the unit price in the Bid Form. Payment shall include all materials, labor, and appurtenances necessary to properly construct the Inlet Sediment Traps. Specifically, this bid item shall include the costs of removing the accumulated silt to maintain effective filtration and removal of the Inlet Sediment Trap itself after soil stabilization is achieved to the satisfaction of the Owner.

C. Checkdam

1. Measurement: Measurement of Checkdams shall be on the basis of each installed.
2. Payment: Payment for furnishing and installing the check dams shall be on the basis of the unit price in the Bid Form. Payment shall include all materials, labor, and appurtenances necessary to properly construct the check dams. Specifically, this bid item shall include the costs of removing the accumulated silt to maintain effective filtration and removal of the check dam itself after soil stabilization is achieved to the satisfaction of the Owner.

D. Construction Exit

1. Measurement: Measurement shall be on the basis of each installed.
2. Payment: Payment for furnishing and installing the construction exits shall be

on the basis of the unit price in the Bid Form. Payment shall include all materials, labor, and appurtenances necessary to properly construct and maintain the construction exits. Payment shall also include removal of the construction exit once construction is complete.

E. Grassing & Sod

1. Measurement: Quantities for grassing and sod shall be expressed in linear feet in accordance with the plans and specifications regardless of the width of disturbance and replacement. Dimensions shall be measured and the quantity shall be calculated from such measured dimensions.
2. Payment: Grassing installed under these specifications shall be paid for the quantities determined in the manner specified above. This amount, so paid, shall be compensation in full for furnishing all labor, materials, tools, equipment, services and other work necessary to stabilize all areas disturbed with grass, mulch or sod.

3.8 JACK AND BORE / OPEN CUT CROSSINGS / FREE BORE (SECTION 02445)

A. Measurement: Measurement of jack and bore, free bore, or open cut shall be on the basis of linear footage of steel casing jacked and bored, freebored, or open cut.

B. Payment:

1. Cased Crossings: Payment for jack and bore or open cut of steel casing shall be on the basis of the unit price for linear foot of the casing size as provided in the Bid Form. Payment shall include all materials, labor and necessary extras to jack and bore or open cut the required size steel casing. Payment for carrier pipe installed shall be made separately.
2. Unit price bid shall also include cost of any additional insurance required by the Department of Transportation for individual crossing(s).
3. Unit price bid shall include cost of any warning signs and/or flagmen that may be required by highway departments. Contractor is to determine need for such prior to submitting bid price.
4. Payment for pipeline construction in state highway shall be contingent upon approval and acceptance by highway department.
5. No payment shall be made for incomplete or unacceptable borings, for realignment, or for increased length for the convenience of the Contractor.
6. Free bore: Payment for free bore shall be on the basis of the unit price for linear foot of piping size to be free bored as provided in the Bid Form. Payment shall include all materials, labor, and necessary extras to free bore the required

size pipe.

3.9 SANITARY SEWER COLLECTION SYSTEM (SECTION 02530)

A. Force Mains

1. Measurement: Each size of force mains will be measured for each type along the pipe from center of fitting to center of fitting or end of pipe in place, without deduction for the length of intermediate fittings or valves.
2. Payment: Force mains measured as described above will be paid for at the unit price bid per linear foot for the various sizes, materials and pressure classes shown in the Bid Form. Payment shall include all labor, equipment, clearing, coatings, fittings and materials necessary to complete the work as specified. There will be no additional payment where extra depth is incurred due to valve locations, tie-ins, conflicts with other utilities or other field conditions.

B. Combination Air Release/Vacuum Valve & MH

1. Measurement: Measurement of Combination Air Valve & MH shall be on the basis of each installed.
2. Payment: Payment shall be on the basis of the unit price in the Bid Form and shall include all materials (including but not limited to, air valve, manhole, frame and cover, and tee), labor, equipment and any incidental work (including but not limited to backfilling, compacting, and cleanup) necessary to install the Combination Air Valve & MH per the plans and specifications. Pipe will be measured through the manhole and shall not be included in this item.

C. Fittings

1. Measurement: No separate measurement and/or payment will be made for fittings for the force main. All costs for furnishing and installing fittings, glands, bolts and appurtenances shall be included in the per-linear feet for the force main.

D. Concrete Blocking

1. Measurement: No measurement and/or payment will be made for thrust blocking on the force main. All costs associated with furnishing and installing thrust blocking shall be included in the cost per linear footage of force main.

E. Connect to New Manhole

1. Measurement: Measurement of connecting to and coating existing manholes shall be on the basis of each connected to and coated.

2. Payment: Payment shall be on the basis of the unit price in the Bid Form and shall include all materials (including but not limited to, 90° bend, concrete for encasement, retainer gland, and rubber boot), labor (including but not limited to, coring manhole), equipment and any incidental work (including but not limited to, backfilling, compacting, and cleanup) necessary to connect to and coat the existing manhole per the plans and specifications.
- F. Connect to Existing Force Mains
1. Measurement: Measurement of connecting to existing force mains will be on the basis of each installed.
 2. Payment: Connections to existing mains will be paid at the unit price shown in the Bid Form for various sizes. The price shall include all materials, labor, and equipment to locate, excavate and connect to existing facilities including, but not limited to, cutting and draining sewage from existing force main, sleeves, concrete block where applicable and all other appurtenances. Pipe and special fittings, and valves with boxes will be paid under separate pay items.
- G. Polyethylene Encasement
1. Measurement: Measurement of polyethylene encasement will be along the length of pipe for the linear feet installed.
 2. Payment: Polyethylene encasement will be paid at the unit price bid per linear feet installed for single wrap encasement.
- H. Marking Tape
1. No separate payment will be made for tape. The cost of furnishing and placing metal detector tape over the force main shall be included in the contract unit price for installing the pipe.
- I. Tracing Wire
1. No separate payment will be made for tracing wire. The cost of furnishing and installing tracing wire shall be included in the contract unit price for installing water mains and service laterals.
- J. Power Pole Stabilization
1. No separate measurement and/or payment will be made for power pole stabilization. The cost of furnishing all equipment and labor necessary for stabilizing power poles to facilitate installation of the water main and appurtenances shall be included in the contract unit price for installing water mains.

- K. Temporary Obstacles
 - 1. No extra payment will be made for temporary removal and replacement of mail boxes, signs, fences, and other miscellaneous obstacles.

- L. Traffic Control
 - 1. No extra payment will be made for traffic control including but not limited to flagmen, signage, or any other measures used to control traffic during construction.

- M. Construction Stake-Out
 - 1. No extra payment will be made for staking out utility placement, easements, rights-of-way, or earthwork along the project limits.

- N. Potholing
 - 1. No extra payment will be rendered for potholing existing utilities in order to field verify their location or to determine design constructability.

- O. Manholes
 - 1. Manholes shall be measured from the invert of the sewer pipe to the top of the manhole casting.
 - 2. Payment for manholes will be made at the unit price for various types. Payment shall include the cost of excavating, dewatering, constructing the manholes in accordance with the plans, furnishing and installing a frame and cover and steps, coating interior surfaces as specified backfilling and compacting the material around the manhole.

3.10 REMOVING & REPLACING PAVEMENTS (SECTION 02741 and 02775)

- A. Measurement: The quantities of the various types of pavement repair for which payment will be made shall be expressed in linear feet of paving measured along the centerline of the trench for pipe lines and appurtenances placed in or across existing paved streets or driveways. Where trench excavations cross in paved areas, the measurement shall be continuous along the centerline of the main line, with the interval being measured from the edge of trench to edge of trench or edge of pavement.

- B. Payment: Payment for each type of pavement furnished and installed under these specifications shall be made for the quantities determined in the manner specified above at the applicable contract price listed in the Bid Schedule. This amount, so paid, shall be compensation in full for furnishing all labor, tools, equipment, and other work in connection with or incidental to the construction for this bid item.

SECTION 01025-13
MEASUREMENT AND PAYMENT

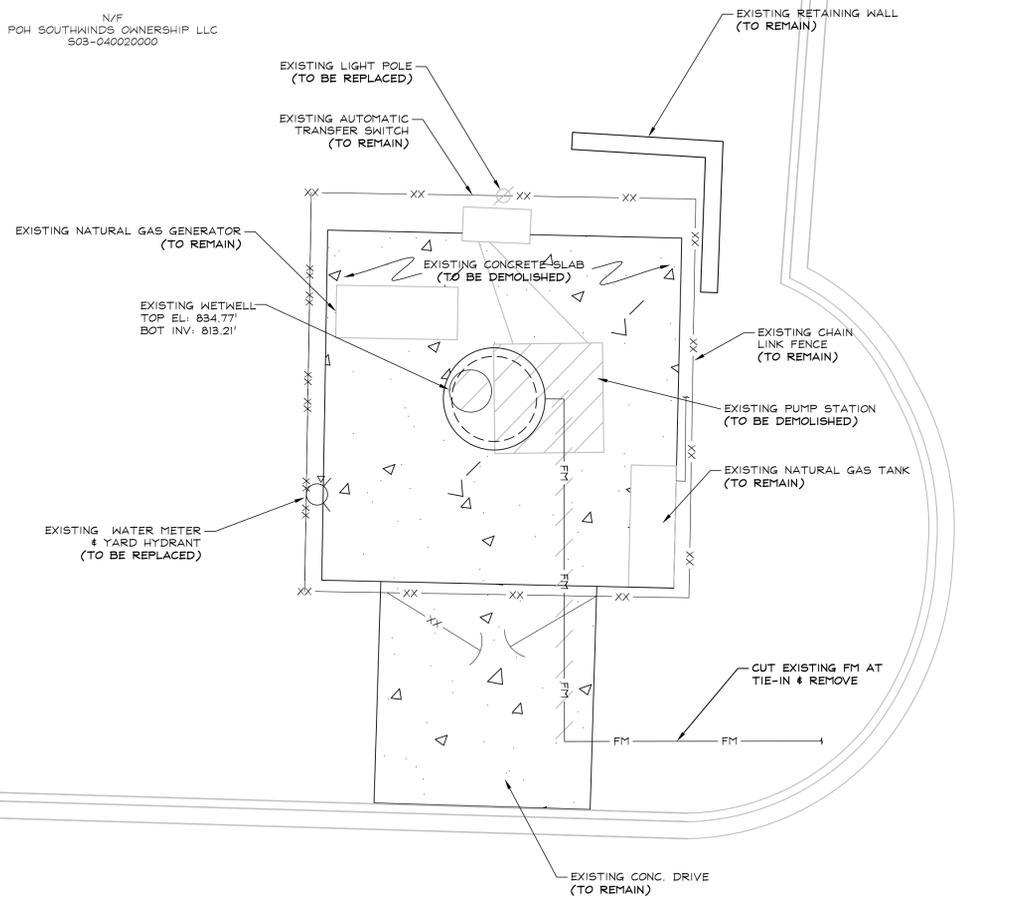
Note that the bid form has separate pay items for removal and replacement of asphalt and concrete driveways and roadways, sidewalks and curb and gutter.

END OF SECTION

N/F
POH SOUTHWINDS OWNERSHIP LLC
503-040020000

N/F
POH SOUTHWINDS OWNERSHIP LLC
503-040020000

REVISIONS:	
A	RELEASED FOR BIDS 06/03/16
B	ADDENDUM #4 07/14/16



NOTE:
PROVIDE A 3/4" EXP. JT. MATERIAL WITH 1/2" SEALANT AT TOP BETWEEN CONCRETE SLAB AND OTHER STRUCTURES.

TO BE PLACED ON ALL DISTURBED AREAS TO MATCH EXISTING CONDITIONS

CONTRACTOR IS RESPONSIBLE FOR DETERMINING SIZE, PIPE MATERIAL AND PIPE CONNECTION STYLE FOR PERMANENT SUCTION PIPE CONNECTION FOR TEMPORARY BY-PASS PUMP. PROVIDE CAP AT END OF PROJECT. FIELD LOCATE WITH APPROVAL OF OWNER.

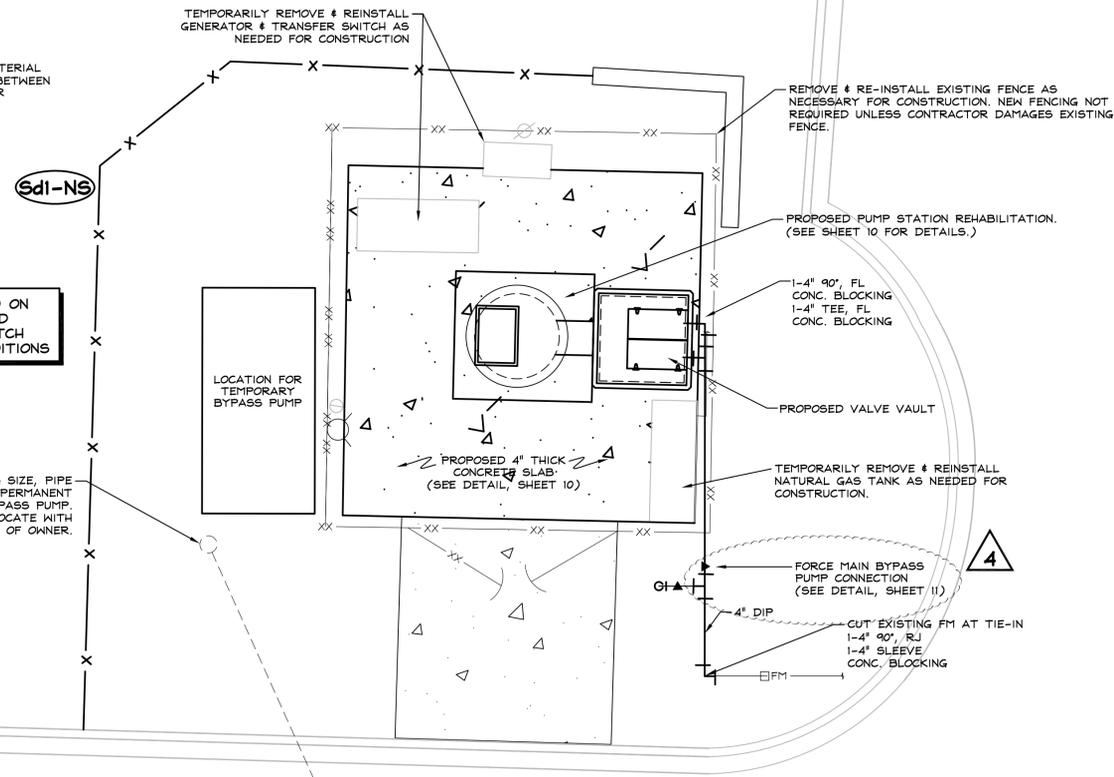
EXISTING PUMP STATION SITE PLAN



NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL SITE SECURITY AND SAFETY DURING CONSTRUCTION, INCLUDING ANY TEMPORARY FENCING THAT MAY BE REQUIRED.
2. THE EXISTING PUMP STATION, PUMPS, PIPES, AND OTHER APPURTENANCES SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE, EXCEPT FOR THE PUMP CONTROL PANEL WHICH SHALL BE DELIVERED TO THE OWNER AT THEIR PUBLIC WORKS DEPARTMENT BUILDING.
3. THE EXISTING GENERATOR AND AUTOMATIC TRANSFER SWITCH SHALL REMAIN AND BE RECONNECTED TO NEW CONTROL PANEL. SEE ELECTRICAL PLANS.
4. ALL AREAS SHOWN IN CROSS HATCH ARE TO BE DEMOLISHED AS NOTED.
5. CONTRACTOR SHALL REPAIR OR REPLACE EXISTING FENCE AT NO ADDITIONAL COST IF IT IS DAMAGED DURING CONSTRUCTION.
6. THE LOCATION AND DIAMETER OF THE EXISTING FORCE MAIN ARE APPROXIMATE. THE CONTRACTOR SHALL POTHOLE AND LOCATE EXISTING FORCE MAIN PRIOR TO ORDERING MATERIALS & INSTALLING BY-PASS PUMP CONNECTION TO VERIFY ITS LOCATION, SIZE & MATERIAL. NOTIFY ENGINEER OF THIS INFORMATION.

PROPOSED PUMP STATION SITE PLAN



WILLOW SPRINGS & SOUTHWINDS
PUMP STATION REHABILITATION
FOR THE
CITY OF STOCKBRIDGE
HENRY COUNTY, GEORGIA
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MACON ♦ ALBANY ♦ ATHENS ♦ CANTON



DSGN:	MCB
DRWN:	HC/ZT/AS
SCALE:	AS SHOWN
DWG. NAME:	SITE PLAN-SWPS
PROJ. NO.:	S9100.004
DATE:	JUNE 2016
SHEET NO.:	8
OF 22 SHEETS	



Know what's below.
Call before you dig.

**CONTRACT A
SOUTHWINDS PUMP STATION SITE PLANS**



1031 STONBRIDGE PARKWAY, WATKINSVILLE, GA 30677 - 706.769.4119 TEL. 706.769.4546 FAX

