



ADDENDUM NO. 2

Owner: Town of Gibsonville
129 W. Main Street
Gibsonville, NC 27249

Project: 2015 Town of Gibsonville Sanitary Sewer Rehabilitation
AWCK Project No. 15010

Bid Opening: **May 14th, 2019 at 2:00 PM** as revised by Addendum #1
129 W. Main Street
Gibsonville, NC 27249

Addendum Date: May 7, 2019

Notice to all plan holders:

The following changes, additions, deletions, clarifications, interpretations and corrections are herewith made a part of the referenced project and shall take precedence over previous requirements. Contractors shall familiarize themselves with the content of this memorandum, as it is a part of the contract documents.

Item 1 – Questions from Bidders

Q1: Will the stabilization stone used along the outfall remain in place after the project is complete?

A1: Stabilization stone along the outfall will be allowed to remain in place after the project is complete with the exception of the temporary stream channel crossings identified on plan sheet 21. Stone placed in the stream channels for temporary equipment crossings shall be removed from the stream channel after the project is complete.

Q2: If stone quantity is overrun due to the wetness of the ROW, will the Town pay for the Increased Quantity?

A2: The quantity of stabilization stone included in Bid Item #6 has been increased to 750 tons. The Town will pay for overruns on stone with approval of the engineer or his designee. Areas identified on the plans for stone placement were for estimating purposes only and may be field modified as with approval.

Q3: Can stabilization stone be used on the access corridors if needed and be paid under this item?

A3: Stabilization stone may be used in isolated areas along access corridors shown on plan sheets 3-5 with prior approval if necessary to provide access. Stabilization stone used on access corridors may be required to be removed at the completion of construction, at the discretion of the property owner.

Q4: What is the size and flow rate of the Town of Elon tie-in at Manhole 2?

A4: The outfall from the Town of Elon that ties into manhole 2 is a 12". Per the project specifications, the bypass shall be of sufficient capacity to convey the full pipe capacity of the sewer pipes being bypassed. The 12" outfall from Elon is installed at 0.5% slope.

Q5: Are there drop connections at MH-2 on the 18" and the Elon Connector?

A5: There is no drop connection within MH-2. The profile view provided on plan sheet 21 is correct. The invert of the 12" line from Elon that enters MH-2 is 578.95 as shown in the plan view of sheet 21.

Q6: Can the 15" and 18" Pre-cleaning and CCTV be completed under flow before the bypass is installed?

A6: No. Cleaning and CCTV needs to be completed while the bypass is in operation.

Q7: Can we use water for cleaning from the stream?

A7: Stream water cannot be used for cleaning.

Q8: Can the point repairs be change to a quantity of each instead of a cost per linear foot of repair?

A8: Point repairs have been revised in the bid form from a unit of Linear Feet to a per Each basis.

Q9: Will the Owner/Engineer please provide the budget for this project?

A9: A recent construction estimate for the project has not been prepared.

Q10: Will the Owner/Engineer please provide any previous itemized bid tabulations for projects of similar scope?

A10: The Town of Gibsonville has not complete a project of similar scope.

Q11: Will the Owner/Engineer please provide a copy of the current plan holders list?

A11: A copy of the current plan holder list has been provided as part of this addendum. This plan holder list reflects parties that have received the advertisement, downloaded plans, questions, receipts of addendums, etc. This cannot be guaranteed to be an all inclusive list as these plans are posted by several plan rooms and may be downloaded without the Engineer's knowledge of receipt.

Q12: Will the Owner/Engineer please provide pre-bid meeting notes and attendance sheet?

A12: A copy of the pre-bid agenda and sign in sheet has been provided as part of this addendum.

Q13: Will the Owner/Engineer please provide the anticipated notice to proceed date for this project?

A13: The Town of Gibsonville anticipates a notice to proceed date on or about July 1, 2019.

Q14: Will the Owner/Engineer please confirm if there are any prevailing wage requirements for this job?

A14: There are no prevailing wage requirements for this project.

Q15: Please refer to bid line item #4, for a permanent driveway, whereas measurement and payment states the pipe is temporary. Will the Owner/Engineer please clarify?

A15: The driveway pipe being installed on Piedmont Avenue associated with bid line item #4 shall be a permanent pipe that remains in place at the completion of the project.

Q16: Will the Owner/Engineer please clarify whether restoration works (seeding and mulching and roadway pavement) are incidental or will be paid separately under bid line items #7 and #20?

A16: Seeding and mulching have been revised to become an incidental item, as mentioned below under the "Plan Changes" item. Pavement restoration will be paid for separately under bid item #20.

Q17: Please refer to special provisions, Clause 6.8. Restriction of work hours on lane closures is not practical and may not be applicable especially for bypass and CIPP works. Will the Owner/Engineer please consider to discuss this matter with concerned Authorities and let the bidders know?

A17: These are non-negotiable requirements directly from the North Carolina Department of Transportation.

Q18: Please refer to Section 02545, CIPP Specification, clause 7.2.b. Will the Owner please provide any previous CCTV videos/reports? If not available, will the Owner/Engineer please consider to introduce new bid line items for obstruction removals for solids, roots and heavy cleaning separately for allowing bidder to prepare a cost effective proposal?

A18: A heavy cleaning line item and description has been added to the bid documents. Please refer to the Plan Changes section below for additional information.

Q19: Will the Owner/Engineer please clarify whether epoxy coating is required for manhole rehabilitation?

A19: Epoxy coating is not required for any manholes within the project scope.

Q20: Will the Owner/Engineer please clarify whether groundwater/flood (if the project is within floodplain areas) level/depths to be considered for CIPP thickness calculations? If so, will the Owner/Engineer please provide necessary data?

A20: Portions of the project are located within the 100-year floodplain. Floodplain elevations are identified on plan sheets 12 through 21. The individual sealing the CIPP thickness calculations shall take all necessary factors into consideration to ensure that the product is capable of providing a 50-year design service life as identified in the specifications.

Item 2 – Clarifications To Bidders

1. Outfall/Access Corridor maintenance and repair – For the duration of the project, all outfalls shall be maintained to a level that make them passable by the Public Works department via a 4WD tractor. At the completion of the project, the sewer outfall and access corridors shall be restored to their original condition, or better, then the condition that existed immediately prior to construction. Access corridors are located on privately owned property and may require some attention during construction to minimize concerns of the property owner. Per the pre-bid meeting, the contractor is responsible for making a video of all proposed areas of work for comparison.
2. The sewer lines to be rehabilitated in this project are all vitrified clay pipe (VCP). The contractor should anticipate encountering some isolated sections of ductile iron or PVC from previous point repairs. There is a known length of approximately 60 LF of ductile iron pipe beneath the stream crossing just upstream of manhole 11A on plan sheet 18.
3. The manholes to be rehabilitated in this project are a mixture of brick and precast concrete. Most of the manholes identified on sheets 6-11 will be brick manholes. Most, if not all, of the manholes located on the Travis Creek Outfall identified on sheets 12-21 are precast concrete.
4. The identification of currently unknown point repairs located along the sections of sewer to be rehabilitated are not grounds for a change order for additional bypass pumping. The contractor shall anticipate the time required to provide point repairs and shall include bypass pumping as an incidental item. If the number of point repairs exceeds the number included within the contract, the Owner will pay for each additional point repair at the unit price provided by the contractor.

Item 3 – Plan Changes

1. Access Corridor #3 no longer provides vehicular access directly to the sewer outfall due to residential development. Vehicular access is now provided via a paved street (Moonstone Court) to a cul-de-sac that is approximately 200 linear feet away from the sewer outfall. While there is a sewer easement in place, full sized vehicles cannot physically traverse the grades to gain access to the outfall from the paved street. It will be acceptable to access the outfall from Access Corridor #3 by foot.
2. Additional Sewer Connections – The following are additional points where sewer enters the outfall that are not currently identified on the plans. The contractor should anticipate incoming sewer flow from each of these locations and shall plan accordingly:
 - a. Access Corridor #3 – Due to the installation of Moonstone Court, a new doghouse manhole was installed on the outfall at approximate station 27+70 on plan sheet 14. This manhole will not require rehabilitation.
 - b. There is an existing 6” sewer service that enters SSMH-21 on plan sheet 15 that serves 5 single family homes on Gibsonville Ossipee Road.
 - c. There are approximately 6 individual sewer services that enter the Travis Creek Outfall at various points along the Travis Creek Outfall between Gibsonville Ossipee Road to the Travis Creek Pump Station.

3. Bid Item #7 – Seeding and Mulching has been removed from the bid form and has become an incidental item. Per clarification #1 above, all areas impacted by the project are to be restored to their original condition once construction is complete, which includes restoration of all vegetated areas via seeding and mulching. The contractor is instructed to include costs associated with seeding and mulching in the various line items of work that are associated with the disturbance.
4. Addition of Heavy Cleaning as New Bid Items. Heavy cleaning shall include removal of sediment in excess of 25% of the pipe diameter or the use of special equipment such as a root saw or chain to remove heavy roots and/or tuberculation. The basis of payment will be the estimated percentage of a given pipe length where the heavy cleaning was required. For example, if heavy cleaning or root cutting occurred on an estimated 30% of the length of a 400 LF section of pipe, 120 LF of heavy cleaning will be paid at the contract unit price for heavy cleaning for the given pipe size. All payment for normal cleaning operations shall remain as an incidental item associated with the installation of various sizes of CIPP liner. The physical act of heavy cleaning must be witnessed by the Engineer or his designee for payment purposes.
5. Per Question 8 above, point repairs have been modified in the Bid Form to be paid per each point repair. Point repairs for pipe sizes 12", 15" and 18" have been added to the contract. To minimize the additional bid items added to the bid form, point repairs for given pipe sizes have been grouped together and the depth ranges and pipe material have been removed. Bid items for point repairs will be paid for per each point repair installed. Payment for these items shall include all excavation, pipe, repair bands, compaction of backfill, trench box installation, traffic control (if required), bypass pumping as required, seeding etc, complete in place for repairs up to 10 linear feet in length. If a given point repair is longer than 10 linear feet in length, the contractor will be paid for the total footage of the point repair, divided by 10 and rounded up or down to the nearest 10 ft.
6. The contractor is advised to use the attached bid form which has been revised to include items covered in Addendum #2. The attached bid form has become part of the contract documents and replaces any previous versions of the bid form.

Item 4 – Approved Equal

1. Silatec Calcium Aluminate Mortar manufactured by AW Cook is approved as an equal for the calcium aluminate coating for manhole rehabilitation.

Bidders are instructed to initial that Addendum No. 2 was received at the appropriate location on Page 1 of the Bid Form.



Troy S. King, P.E.

Alley, Williams, Carmen & King, Inc.; Firm License No. F-0203



BID FORM

TOWN OF GIBSONVILLE

2015 TOWN OF GIBSONVILLE SANITARY SEWER REHABILITATION

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ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

The Town of Gibsonville

129 West Main Street, Gibsonville, NC 27249

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

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

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

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

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

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

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

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

D. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder’s safety precautions and programs.

E. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid

and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.

- F. 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.
- G. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- H. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- I. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER’S CERTIFICATION

4.01 Bidder certifies that:

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

ARTICLE 5 – BASIS OF BID

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

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1	Mobilization	Lump Sum	LS		
2	Traffic Control	Lump Sum	LS		
3	Temporary Stream Crossing	2	EACH		
4	18" Class IV RCP Driveway Pipe for Permanent Driveway	16	LF		
5	Temporary 15" Class IV RCP Pipe for Easement Access	100	LF		
6	Stabilization Stone, Complete in Place Including Fabric	750	TONS		
7A	Heavy Cleaning of 8"-12" Sanitary Sewer	1,700	LF		
7B	Heavy Cleaning of 15"-18" Sanitary Sewer	4,300	LF		
8	8" CIPP Pipe Liner	1,495	LF		
9	10" CIPP Pipe Liner	1,280	LF		
10	12" CIPP Pipe Liner	965	LF		
11	15" CIPP Pipe Liner	5,000	LF		
12	18" CIPP Pipe Liner	4,530	LF		
13	Watertight, Bolted Ring and Cover on Existing Sewer Manhole, complete in place, Including Removal of Existing Ring and Cover and Delivery to Public Works Department	35	EACH		
14	Vent Piping on Existing Sewer Manhole	12	EACH		
15	Reinforced Cement Liner for Manhole Rehabilitation	520	VF		
16	4'-0" Diameter Precast Concrete Doghouse Manhole (0-8' depth) with ring and cover, complete in place, including testing	2	EACH		
17	Point Repair to existing 8", 10" or 12" sewer line, complete in place, including couplings and adapters	8	EA		

18	Point Repair to existing 15" or 18" sewer line, complete in place, including couplings and adapters	6	EA		
19	ABC Stone for driveways and roadways, complete in place	25	TONS		
20	Roadway Pavement Replacement (6" B25.0B binder and 2" S9.5B surface course) including sawcut, removal, disposal complete in place	20	SY		
21	USDA Project Sign, including all materials and installation	2	EA		
22	30" Tree Removal	1	EA		
Total of All Unit Price Bid Items					\$

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

Total of Lump Sum and Unit Price Bids = Total Bid Price \$ _____

ARTICLE 6 – TIME OF COMPLETION

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

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security with Power of Attorney;
 - B. Completed Contractor's Qualification Statement;
 - C. Completed E-Verify Affidavit;
 - D. Completed Iran Divestment Act Certification;
 - E. Completed DBE Documents;
 - F. List of Project References (For CIPP and Manhole Rehabilitation Work);
 - G. If Bid amount exceeds \$10,000, signed Compliance Statement (RD 400-6). Refer to specific equal opportunity requirements set forth in the Supplemental General Conditions;

- H. If Bid amount exceeds \$25,000, signed Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tier Covered Transactions (AD-1048);
- I. If Bid amount exceeds \$100,000, signed RD Instruction 1940-Q, Exhibit A-1, Certification for Contracts, Grants, and Loans.

ARTICLE 8 – DEFINED TERMS

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

ARTICLE 9 – BID SUBMITTAL

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

By:

[Signature] _____

[Printed name] _____

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

Attest:

[Signature] _____

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's NC License No.: _____



alley, williams, carmen & king, inc.

Engineering • Architecture • Land Surveying

15010 USDA Gibsonville Sanitary Sewer Rehab – AWCK Plan Room- Plan Holder Listing 05/02/2019

Contractor / Plan Holder	Phone Number	Location
AM-Liner East, Inc	(540) 955-9671	Berryville, VA 22611
Bio-Nomic Services	(704) 369-9255	Belmont, North Carolina 28012
Cable's Enterprise LLC	(336) 295-8039	McLeansville, North Carolina 27301
Constructconnect	(323) 602-5079	Georgia 30092
Creative Resurfacing, LLC	(336) 688-9625	Kernersville, N.C. 27284
Granite Inliner, LLC	(704) 504-8464	Gastonia, North Carolina 28052
Insituform Technologies	(704) 296-5110	Chesterfield, MO 63005
IPR Southeast, LLC	(678) 607-2161	Stone Mountain, GA 30083
NCHUB	(919) 807 2332	Raleigh, N.C. 27603-8002
North State Water & Sewer	(336) 575-3052	Winston-Salem, N.C. 27103
Porter Scientific, Inc.	(910) 521-0549	Pembroke, N.C. 28372
Prism Contractors & Engineers, Inc.	(757) 874-5670	Williamsburg, VA 23185
Rain For Rent	(704) 264-9004	Charlotte, N.C. 28208
SRR Environmental	(910) 777-1152	Wilmington, N.C. 28401
SWP	(704) 842-1789	Denver, NC 28037
Technology Publications Company	(412) 697-7341	Pittsburgh, PA 15233
The Avrett Company	(706) 792-0200	Augusta, GA 30906
The Urban GroupDMV corporation	(240) 413-2000	Glen Allen, VA 23060
Tri-State Utilities LLC	(757) 366-9505	Chesapeake, VA 23320
Visu-Sewer East, LLC	(804) 752-6737	Ashland, VA 23005
Vortex Services, LLC.	(713) 750-9081	Greenville, SC 29605
Yates Construction Co.,Inc.	(336) 895-1094	Stokesdale, N.C. 27357

PRE-BID MEETING SIGN-IN SHEET

Project: Town of Gibsonville Sanitary Sewer Rehabilitation
 AWCK Job # 15010
 Date: 2:00 P.M. Thursday, April 11, 2019
 Location: Gibsonville Town Hall

Name	Organization	Phone Number	Email address
Lloyd Proutant	Creative Resurfacing	336-688-9625	CreativeResurfacingNC@gmail.com
Justin Childers	Sunbelt Rentals	919-397-3291	justin.childers@sunbeltrentals.com
Sam Patrick	Instuflex	704-744-7821	STRANICK@ instuflex ae.com
Ashley Sneed	Sherwin Williams	336-558-3335	Ashley.S.SNEED@SHERWIN.COM
Tonia Barton	Carolina Management	336-908-7053	tonia@cmcoatings.com
Peter Martin	AM-LINER EAST	540-686-2410	PMARTIN@AMLINEREAST.COM
Ricky Wade	Town of Gibsonville	336-516-4723	
Rodney Lathan	North State Water	336-575-3052	rlathan@northstatews.com
Troy King	AWCK	336-226-5534	tking@awck.com



PRE-BID CONFERENCE

Project: Town of Gibsonville – Sanitary Sewer Rehabilitation

Project No. 15010

Date: April 11, 2019

Time: 2:00 P.M.

Location: Gibsonville Town Hall

1. Introductions

2. Summary of the project

- The project involves the installation of approximately 13,250 LF of 8-18" CIPP liner and rehabilitation of 52 sewer manholes. Two new manholes are also proposed, as well as stabilization work along the outfall. Project is being funded by USDA Rural Development Loan Program.

3. Documents to be Supplied with Bid (Refer to Article 7 in the Bid Form):

- Fully Executed Bid Form
- Bid Security with Power of Attorney
- Contractor Qualification Statement
- E-Verify Affidavit
- Iran Divestment Act Certification
- MBE/DBE forms (10% Goal)
- List of Recent Projects of Similar Size and References
- USDA Compliance Statement (RD 400-6)
- Debarment Certification (AD-1048)
- Lobbying Certification (RD Instruction 1940-Q)
- Bids that are mailed shall be plainly marked on the outside of the package with the notation "BID ENCLOSED". A mailed Bid shall be addressed to Town Manager Ben Baxley, 129 West Main Street, Gibsonville, NC 27249. Bids received after the date and time prescribed for the opening of bids will not be accepted and will be returned to the Bidder unopened.

4. Items for discussion

- Sales tax will not be paid separately. All bid items shall include the appropriate sales tax. Sales tax reports shall be provided on a monthly basis with pay applications.
- Working in ROW (Town and NCDOT). Both agencies need to be aware of when/where the contractor is working.
- Traffic control during construction. Temporary signage for duration of the project when working adjacent to roadways. When working within 5ft of the edge of pavement, the adjacent lane will have to be closed and flagmen must be provided. One way travel shall be maintained at all times. Refer to project special provisions (Specification section 1620 and drawing detail sheets for additional requirements).

- Access. See plans for proposed access points. Access points are located to minimize stream crossings. Access Point #3 will be difficult to navigate due to grading of lots.
- Stream crossings. Contractor is advised to observe each stream crossing prior to bidding the project. If the contractor is unable to cross a stream identified in the plans to be a crossing point, the contractor shall notify the engineer prior to the bid. Submitting a bid without contacting the engineer is a certification that streams shown on the drawings to be crossed in their current condition in accordance with the drawings.
- Erosion Control Compliance. Project will disturb less than one acre, but it is still our responsibility to ensure that erosion does not occur as a result of this project.
- Pre-Post construction video requirements. Contractor shall video condition of all outfalls and work areas pre and post construction. Contractor shall video all sewer lines within project limits pre and post construction.
- Bypass Pumping Plan required to be submitted with shop drawings for approval. Redundancy will be required for all bypassing. For bypass pumping operations outside of normal working hours, the contractor shall have a responsible person in place to monitor bypass operations.
- Testing Requirements – Manhole Vacuum Testing after rehabilitation. Post construction video for CIPP work.
- Noise. Portions of the work are adjacent to residential areas. Contractor shall adhere to Gibsonville's noise ordinance.
- Stabilization stone is to be used to fill in rutted or low areas that hold water along the outfall. This stone should only be used where the easement would otherwise be impassible by CIPP equipment. CIPP contractor, inspector and Gibsonville personnel shall walk the outfall and identify areas where stabilization stone shall be installed prior to placement – areas shown on the plan were for estimation purposes only.
- Work shall be coordinated to minimize the period of time that temporary stream crossings shown on sheet 21 will be in use to avoid potential washout due to storm events.
- Outfall trimming for access. The Town of Gibsonville has recently performed tree trimming along this section of outfall. Additional trimming to be performed by the contractor should be limited, if any.
- Contractor will be required to bypass pump Gibsonville and Elon's flow for the section of pipe leading into the pump station. Refer to plan sheet 21.
- Warranty. Contractor shall provide a 1-yr warranty on all materials and workmanship. Contractor shall also provide an extended warranty for manhole rehabilitation materials and workmanship for a total of 5 years from the date of final completion. Refer to specification section 01740 for warranty information.
- In the Instruction to Bidders, it states that there is a maximum percentage of sub-contract work without getting prior approval from the Owner. If you plan to subcontract out more than 75% of the work, send a request to Engineer of Record identifying the percentage of sub-contract work and permission will be requested of the Owner.

5. Schedule:

- | | |
|-----------------------------------|---|
| • Bid Date: | April 30 th , 2019 |
| • Bid Location: | Gibsonville Town Hall |
| • Tentative Project Availability: | June 2019 |
| • Project Duration: | 210 Days to Substantial Completion
240 Days to Final Payment |