



CITY OF ATLANTA

Keisha Lance-Bottoms
Mayor

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DEPARTMENT OF PROCUREMENT
Susan M. Garrett
Interim Chief Procurement Officer
smgarrett@atlantaga.gov

April 11, 2018

Dear Potential Bidders:

Re: FC-10337 Terrell Creek Trunk System Sewer Improvements

Attached is one (1) copy of **Addendum Number 1**, which is hereby made a part of the above-referenced project.

For additional information, please contact Ms. Arkeshia Hamlett, Contracting Officer, at (404) 330-6328 or by email at ahamlett@atlantaga.gov.

Sincerely,

Susan M. Garrett

SMG/ah



FC-10337 Terrell Creek Trunk System Sewer Improvements

Addendum No. 1

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ADDENDUM NO. 1

This Addendum No. 1 forms a part of the Invitation to Bid (“ITB”) and modifies the original solicitation package and any prior addenda as noted below and is issued to incorporate the following:

1. **Attachment No. 1:** Responses to 46 Questions.
2. **Attachment No. 2:** Revised (Rev. 4/11/2018)

The last day for questions was Wednesday, April 4, 2018 at 2:00 P.M. EST.

The Bid due date has NOT been modified and Bids are due on Wednesday, April 18, 2018 and should be time stamped in no later than 2:00 P.M. EDT and delivered to the address listed below:

Susan M. Garrett
Interim Chief Procurement Officer
Department of Procurement
55 Trinity Avenue, S. W.
City Hall South, Suite 1900
Atlanta, Georgia 30303

****All other pertinent information is to remain unchanged****



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Acknowledgment of Addendum No. 1

Proponents must sign below and return this form with Proposal to the Department of Procurement, 55 Trinity Avenue, City Hall South, Suite 1900, Atlanta, Georgia 30303 as acknowledgment of receipt of this Addendum.

This is to acknowledge receipt of Addendum No. 1 for **FC-10337 Terrell Creek Trunk System Sewer Improvements** on this the _____ day of _____, 20____.

Legal Company Name of Proponent

Signature of Authorized Representative

Printed Name

Title

Date



FC-10337 Terrell Creek Trunk System Sewer
Improvements

Attachment No. 1

1. When does the City anticipate the Notice to Proceed for this Project?
There is not a specific anticipated date for the Notice to Proceed.
2. Please provide the Authorizing Legislation (a Contract Document) for this Project.
Authorizing Legislation will be provided once the successful bidder has been identified and approved by the City Council.
3. The Agreement Documents in Article 3 of the Construction Agreement are contradictory and confusing. They do not include the “Special Conditions”. They reference Exhibits D and E but do not identify those Exhibits. It states the Technical Specification and Drawings are “Exhibit B”, but another section of the RFP identifies Exhibit B as the “Special Conditions”. The Agreement Documents listed in GC-1 are not consistent with the documents in Article 3 of the Construction Agreement, and do not agree with the Agreement Documents enumerated in GC-3, Definitions. Please revise the Construction Agreement and the General Conditions such that the Agreement Documents are the same.
The Construction Agreement is a Draft, all needed exhibits will be added once the agreement is finalized.
4. Do you have an engineer’s estimate or a budget for this project?
The City of Atlanta does not provide this information.
5. Please check the quantities on bid items 4-x-1018 and 4-x-1024. There seems to be more 24” to be filled with grout than 18”.
See Page 5 of the Bid Form; note a greater amount is noted for 18” than 24” diameter to be grout filled.
6. Does the city have a maximum distance allowed at one time for the bypass piping system that will be required for this project?
The City does not have a maximum distance allowed at one time for the bypass pumping system.
7. Can you provide the peak flow rates for both the existing 18” and 24” pipelines? This will be needed to calculate the size of the bypass system.
Yes, the City can provide the peak flow rates for both pipes at the Notice to Proceed (NTP) meeting to make sure that the readings are up to date at the time of construction.
8. The “126’ of 36” POLYCRETE PIPE” is not shown on the bid form as a bid item. Is this pipe to be directionally bored? Is there a new bid form coming out?
Reference sheet 13 of 53 where it states to install by using micro-tunneling method. The required pipe material is Hobas and not Polycrete.
9. The only detail for inside drops, show on plan page 28 of 53, is for an 8” SCH 80 PVC pipe. Is there any other details for larger inside drops? If, yes, can you provide the details?
Although the plan set states internal drop, all manhole drops must be outside in accordance with City of Atlanta Standards.
10. Are the manholes that are labeled “REPALCE”, in the “Manhole Table” on plan page 4 of 53, to be demoed?

Yes, the manholes are to be demolished.

11. Can 36" HDPE be used in lieu of 36" Polycrete Pipe?

The required pipe material to be installed is Hobas.

12. Bid Items 4-A-1236 through 4-A-1536 request pricing for 36-Inch RCP. Bid Item 4-A-5566 request pricing to "add/deduct" for providing 36" DIP in lieu of RCP. The plans specifically note that the project will be built with 36 Inch DIP and make no mention of 36 Inch RCP as being an option. Since the plans make no mention of 36 Inch RCP, should the Bid Form be revised so that 36 Inch Ductile Iron is the only option? It's a little confusing to be asked to provide an "add/deduct" to a pipe product that is not allowed on the plans.

Reference relevant information stated in Section 01200 – Measurement and Payment, 2.03 Sewer Collection. The bid form is correct. The bidder should propose a price for 36-inch RCP pipe, as well as the additional and incremental cost to provide DIP in lieu of RCP. This is standard bid structure and language for contracts.

13. The plans require 36 Inch Polycrete Pipe installed using trenchless methods between Manhole 01 Station 1+08.25 and Manhole 02 Station 2+35.92. The note shown on the drawing "36" POLYCRETE PIPE ... INSTALL USING TRENCHLESS METHODS" would appear to require a "micro-tunnel" approach for the creek crossing within the referenced station numbers. Does the City want the Contractor to "micro-tunnel" the creek crossing between station 1+08.25 and station 2+35.92 or will other methods be acceptable?

Yes, the required method for installation is micro-tunnel method.

14. The site conditions at the crossing between Manhole 01 and Manhole 02 would make it likely that the contractor will encounter "mixed face" rock conditions while installing the trenchless method for the crossing. Mixed face rock conditions are not friendly to certain trenchless applications and most of the time prohibit or at least "give trouble" to micro-tunnel or conventional jack and bore. Should the City consider a hand mine tunnel for this crossing where mixed face soil conditions can better be negotiated? Or, would the City consider allowing an open cut approach to this crossing?

It is the contractor's responsibility to interpret available geotechnical information to set forth expected subsurface conditions, and to plan contractor's micro-tunneling work accordingly. All the conditions mentioned in this question, except for "trash", are "boreable" by micro-tunneling methods given the contractor's interpretation of the ground conditions and selection of cutter head configuration. It is the contractor's responsibility to configure and operate the tunneling equipment to negotiate the anticipated ground conditions. Should conditions be encountered that prevent micro-tunneling as specified, then a change in conditions situation would be considered, and the potential for alternative installation methods and an accompanying contract change could be evaluated. Based on the available subsurface information, this situation is not expected. The Owner would consider allowing for the over-sizing of the casing pipe to provide more flexibility for setting the carrier pipe to correct elevations. Open-face excavations will not be considered for any of the creek crossings.

15. If non-boreable conditions (mixed face rock, trash, rock with seams etc..) are encountered while attempting the bores at stations 12+00 and 29+00, how will the Contractor be asked to complete the crossing? Via hand mine tunnel, open cut etc...?

Please reference answer to question number 14.

16. For the most part, the new 36-Inch Ductile Iron Pipe is being installed on the same centerline in a "same ditch relay" condition as the old 18-Inch Gravity Sewer. In the Bid Form, Bid Item 4-X-1018 requires that 10,000-feet of existing 18 Inch Gravity Sewer be abandoned with grout fill. Bid Item 4-X-1024 requires that 2,320-feet of existing 24-Inch Gravity Sewer be abandoned with grout fill. Since the 18 Inch Pipe is coming out as the 36-Inch Pipe gets installed and since the existing 24 Inch Pipe remains in service for the duration of the project and gets abandoned after the installation of the new 36 Inch Pipe, aren't the abandonment quantities backwards? Shouldn't the quantity for 18 Inch abandonment be 2,320-feet and the quantity for the 24 Inch abandonment be 10,000-feet?

Reference survey sheets 5 of 53 to 12 of 53.

17. It is likely that the entire road will have to be removed and replaced from edge to edge between station 30+00 to station 38+00. The nature of the work to install the new 36 Inch Sewer in this area will not allow the Contractor to leave the road in a condition where "only" a trench patch repair will be sufficient. Will the City compensate the Contractor for the milling and resurfacing that will be necessary to repair the road in this area after the sewer line is installed?

Yes, the city will compensate the contractor for the milling and surfacing that will be required to repair the road.

18. Will Off Duty Police Officers be required as part of the traffic control where the Contractor has to close the road whether partially with lane closures or completely with detours?

The need for uniformed police officers will be dictated by the requirements of the approved traffic permits to be issued by the Dept. of Public Works.

19. The road between station 30+00 and 38+00 will have to be closed completely and traffic will have to be detoured during construction. Are there working time restrictions for closing the road at this location? If so, what are those time restrictions? Will the Contractor be required to open the road at the end of each day while installing the pipe from station 30+00 to station 38+00?

This will be determined by the Department of Public works at the time the contractor submits the required Traffic Control Plan.

20. If a 24/7 Detour is allowed during the installation of the new pipe between station 30+00 to station 38+00, will Off Duty Police Officers be required for 24/7 during the road closure? Or, will Off Duty Police Officers only be required during day time hours?

It will depend upon the Department of Public Works and what is required once a Traffic Control Permit is submitted.

21. The project will require nearly 100% bypass pumping while installing the new 36 Inch Sewer. Will sound attenuated pumps be required for the bypass pumping?

The bidder will be required to provide a bypass pumping/flow diversion for various sites and stages during the course of the project. As such, sound attenuated pumps may be necessary in residential areas where there may be a potential sensitivity to noise disturbances.

22. The site conditions are clear in that rock will be present in the excavation for the entire length of the project. Most likely the ditch width for the old 18 Inch Pipe will NOT be wide enough to accept the new 36 Inch Pipe. Will the Contractor be allowed to blast the rock necessary to make the ditch wide enough to receive the new 36 Inch Pipe or will the Contractor be required to remove this rock via a “no blast” approach?

The City does not dictate means and methods for executing the scope of work. The bidder will be required to determine the necessary and appropriate means and methods for rock excavation if it is encountered during the course of the work and to be approved by the Engineer.

23. If the Contractor can blast the rock, will the Pre-Blast Survey's be paid for within 9-Z-2410 or will the Contractor need to carry the cost of this work in other items?

Yes, the cost relating Pre-Blast survey can be included within item 9-Z-2410.

24. Is the City requiring a Field Office for this project?

Yes, a field office will be required for this project.

25. What type of material is the existing 18 Inch Pipe?

The existing pipe material is RCP.

26. What type of material is the existing 24 Inch Pipe?

The existing pipe material is RCP.

27. What size is the existing line where Manhole 01 Station 1+08.25 is to be installed? Is a doghouse type manhole acceptable to the City for Manhole 01?

The pipe is an existing 54” RCP.

28. Will the City allow the Tindall T Series Manhole to be used on this project? The Tindal T Series Manhole is a product that has been used on City of Atlanta projects in the past.

The contractor will be required to submit shop drawings and product manufacturers specifications of the manhole before the product can be approved for use on this project.

29. Bid Item 4-T-5412 calls for the bidder to price a 48-Inch Steel Casing Bore. The plans show a 54 Inch Steel Casing Bore to be installed at station 12+00 and station 29+00. Which diameter is correct – 48 Inch or 54 Inch?

The correct diameter is a 48-inch steel casing.

30. Section 01350 states the Contractor is to use Microsoft Outlook 2003, or Microsoft Outlook 2007. Is this correct?

Yes, that is correct.

31. Can the City of Atlanta please allow the use of Flowtite Filament Wound Fiberglass Reinforced Pipe for Terrell Creek?

The Flowtite Filament Wound Fiberglass Reinforced Pipe will not be allowed for use on this project.

32. Is there a specification for the Polycrete pipe?

The require pipe material is Hobas.

33. Article 13 of the Construction Agreement is a reasonable limited Form of Indemnification. But SC-17 contains a provision for Broad Form Indemnification. Which takes precedence. Please clarify the Owner's intent.

These provisions concerning indemnity, as well as those set forth in GC-12 are complementary and all apply to the Contractor.

34. GC-5, Adequacy of Design, states in part "THE CITY, ITS AGENTS AND EMPLOYEES MAKE NO REPRESENTATION OR WARRANTY OF ANY NATURE WHATSOEVER TO CONTRACTOR CONCERNING THE AGREEMENT DOCUMENTS". Does this disclaimer refute the Owner's responsibility for the adequacy of the plans and specifications under the Spearin Doctrine? Georgia's Supreme Court first recognized the Spearin Doctrine in Decatur County v. Praytor, Howton & Wood Contracting Co., 142 S.E. 73, 165 Ga. 742 (1928). In that case the court ruled "If the contractor is bound to build according to plans and specifications prepared by the owner, the contractor will not be responsible for the consequences of defects in plans and specifications. . . . This responsibility of the owner is not overcome by the usual clauses requiring bidders to visit and inspect the site, to check the plans, and to inform themselves of the requirements of the work." Please clarify the intent of GC-5.

The City cannot provide legal advice concerning the likely effect of GC-5 as applied by a court of law. That said, it is the City's intent that implied warranties concerning the Agreement Documents (including those discussed in United States v. Spearin, 248 U.S. 132 (1918)) are disclaimed entirely. With respect to Decatur County v. Praytor, Howton & Wood Contracting Co., 142 S.E.73, 83, 165 Ga. 742 (1928), in this decision the Georgia Supreme Court reversed the determination of the Court of Appeals holding that the contractor failed to state a cause of action upon which relief could be granted.

35. The provisions concerning Hazardous Materials in GC-18.4 and SC-27 are inadequate. What are the Owner's responsibilities for undisclosed Hazardous Environmental Conditions on site? Who will investigate the condition, notify the appropriate regulatory authorities, and develop an abatement and remediation plan? Will the Owner indemnify, defend, and hold harmless the Contractor, and Subcontractors working for the Contractor, for undisclosed Hazardous Environmental Conditions on site?

The City disagrees. GC-18.4 concerns the standard of care required of the Contractor and SC-27 specifies the applicable protocol to follow in the event hazardous materials are encountered during the performance of the Work. These requirements are straightforward. In further response, the Agreement Documents do not provide for the City's indemnity and/or defense of the Contractor in the event it encounters hazardous materials. The Agreement Documents do, however, address undisclosed, Changed Conditions in GC-44 subject to the requirements of GC-41, GC-26 and other provisions of the Agreement Documents.

36. GC-18.6 states in part "Contractor shall provide a project safety coordinator who shall be devoted full time toward accident prevention during construction". Is the Project Safety Coordinator limited to performing only safety activities, or may the position perform other project tasks?

“[D]evoted full time toward accident prevention” means the individual designated by the Contractor as Project Safety Coordinator shall perform this scope of work through the duration of construction and no other tasks unrelated to accident prevention.

37. GC-26.2.1. appears to be a no-damages-for-delay provision. Will the Contractor receive an equitable adjustment in the Contract Cost and Contract Time for delays caused by the Owner, or others working directly for the Owner?

No. The Contractor will not be entitled to equitable adjustment for all costs and time incurred in the event of a delay to the critical path caused solely by the City or those for whom it is responsible. Instead, GC-26.2.1 provides that the Contractor may seek a claim for excusable delay(s) subject to and in accordance with GC-41, SC-16, and the other requirements of the Agreement Documents. GC-26.2.1 further expressly limits the types/amounts of recovery for such a claim as follows: “the City’s liability for damages for delay, disruption, interference, impact or hindrance shall be limited to the following actual direct job site related costs that are solely incurred as a function of time: (1) costs of job site supervision, (2) direct cost of general conditions items, including job site office expenses for trailer rental, telephone, electricity, heat, and water, (3) except for tunnel boring machines which shall be governed by the terms of GC-41.6, equipment expenses at the Force Account rates specified in the provisions of this Agreement governing changes; and (4) a markup for profit and overhead on actual direct costs, in accordance with the Force Account rates specified in the provisions of this Agreement governing changes.”

38. Please define “Highest quality available” as used in GC-31. How will the Owner/Engineer determine if the materials and equipment provided are the “highest quality available”?

Per the 2017 Cambridge dictionary “highest-quality” means “very good and well made.” “Available” means “able to be bought or used.” If the materials and/or equipment are not well made and/or do not conform to the requirements of the Agreement Documents the City reserves the right to reject non-conforming materials.

39. GC-34.2 implies the Contractor’s Project Manager must on site full-time; in addition to the full-time on-site Project Superintendent. Is this the Owner’s intent?

Yes. GC-34.2 states expressly: “Contractor’s representative shall normally be present at or about the Site of Work while the Work is in progress. Before leaving the Site of Work for any extended period, whether or not the Work is in progress, Contractor’s representative shall notify the City, in writing, of the designation of an assistant, satisfactory to the City, with full authority to act for the representative in his absence or shall make substitute arrangements satisfactory to the City.”

40. GC-38.4.11. states “This Article 38 shall completely supersede the Georgia Prompt Payment Act as it relates to Owner payments and any modifications or successors to it to the full extent allowed by law”. What is the City’s basis for superseding Georgia state statutes?

The Georgia Prompt Payment Act (“GPPA”) does not prohibit owners and contractors from agreeing to terms which differ from those included within the GPPA and where the provisions included within the agreement between the owner and contractor differ from

the provisions of the GPPA, the provisions in the contract control. Article 38 merely restates what the GPPA provides in this regard.

41. Are the Liquidated Damages in GC-55 additive and/or cumulative?

Yes. If the project is not substantially complete after the passing of the date for Final Completion, the Contractor will be liable for both Substantial Completion and Final Completion liquidated damages.

42. GC-58 states the Engineer has the full power and authority to designate administrative forms to be used by the Contractor, Subcontractors and Material Suppliers post contract-award. Are these forms Contract Documents? If so, they should be included in bidding documents to allow bidding parties to assess their impact upon pricing and project delivery.

The forms referenced in GC-58 are not Contract Documents. The intent of GC-58 is to allow the Engineer discretion in determining additional documents that may be required to facilitate the proper and efficient administration of the Agreement. As stated in GC-58, the Contractor can object to any documents that it “reasonably determines contain terms or requirements contrary to or in addition to and not reasonably inferable from the terms of the Agreement Documents.”

43. Please clarify the meaning of GC-59.3.3. It appears that the Contractor cannot declare the City in material breach of the contract regardless of the acts of the City. How is this fair and reasonable?

GC-59.3.3 does not prohibit the Contractor from declaring the City in material breach of the contract. Instead, it states that no default, act or omission of the City or Engineer will entitle the Contractor to cancel or rescind the provisions of this Agreement or to suspend or abandon performance of the Work. Instead, the Contractor’s remedy for such a material breach will be limited to money damages.

44. SC-22 introduces the term “Disputes Review Board”. This is not a defined term in the Contract. It is not included in the GC-57, Disputes; nor is it addressed anywhere else in the Contract Documents. What is the intent?

The reference to a Disputes Review Board is merely an example of what may be included in a Partnering Charter which may be developed by the City and the Contractor after award if the parties choose to do so. As stated in SC-22, participation by the Contractor is totally voluntary. Absent an agreement to use a Disputes Review Board as part of the Partnering Charter, all disputes will be resolved through the dispute resolution procedures of GC-57.

45. SC-26, Value Engineering Change Proposals, Paragraph F., Warranty, states: “1. The Contractor shall be, and remain, liable for the effectiveness of the design of the change proposed. 2. The Contractor warrants that such change: shall be free from defects in design, function, configuration and purpose; shall fully perform the function as intended and required by the Agreement Documents; complies with all laws, rules, regulations and ordinances governing such an item; and infringes no patent, copyright, trade secret or other third party proprietary right or interest.” The Contractor is not the Engineer nor the Designer of Record and has no liability for the design of any Value Engineering changes. Please revise these provisions.

As stated in SC-26, the Contractor does have liability for the design of any value engineering changes. The consideration for this liability is included in the sharing of the VECP savings.

46. GC-21 states in part “If Contractor defaults or neglects to carry out all or any part of the Work in accordance with the Agreement Documents, and fails within three (3) working days after receipt of Written Notice from the City to commence and continue correction and cure of such default, noncompliance, or neglect with diligence and promptness, the City may, after twenty-four (24) hours following receipt by Contractor of an additional Written Notice and without prejudice to any other remedy the City may have, make good such deficiencies and may further elect to perform and to complete all or any part of Work thereafter through such means as the City may select, including the use of a new or supplemental contractor”. However, Section 01500, Article 1.09.B. states “In the event the Contractor fails to remedy any unsatisfactory situation, within twenty-four hours after receipt of written notice from the Engineer describing the unsatisfactory conditions, the City may immediately proceed with adequate forces and equipment to maintain the project; and the entire cost of this maintenance will be deducted from the monies otherwise due the Contractor under the Contract”. The notice requirements are conflicting; which provision is correct?

If it is a maintenance issue such as failing to keep the backfill, pavement, structures, pipe lines and other features in satisfactory and acceptable conditions, Section 1500 controls. Otherwise, the provisions of GC-21 apply.

FC-10337, Terrell Creek Trunk System
Sewer Improvements

Attachment No. 2

To: The City of Atlanta, Georgia

From: _____

Submitted: _____, 201__.

Terrell Creek Trunk System Sewer Improvements

FC-10337

All items listed below shall include furnishing all products, materials, and equipment and performing all labor necessary to complete and put into operation the **Terrell Creek Trunk System Sewer Improvements** Project with the City of Atlanta Department of Watershed Management's drawings, specifications and standards. A unit price must be provided for each cost item unless otherwise noted. An itemized breakdown of costs is required for all items noted with an asterisk (*). Failure to provide a complete Bid Form and data may deem the bid non-responsive.

See Section 01200, Measurement and Payment, for a detailed description of cost items. Any items not specifically listed in the Bid Form or Measurement and Payment shall be included in the project and the Bidder shall price all work within the appropriate work items.

Item No.	Approx. Quan.	Unit	Description	Unit Price Figures	Total Price Figures
A Mobilization					
1-A-1000	1	LS	Mobilization/Demobilization (Not to exceed 3% of Bid Total)		
1 GENERAL					
D Traffic Control (for Work in Commercial Streets)					
1-D-1405	4	LINK	Work Zone Staging and Traffic Control; FC 17-Collector Street (Per Link)		
1-D-1415	3	LINK	Work Zone Staging and Traffic Control; FC 14-Urban Principal Arterial Street (Per Link)		
1-D-1420	2	LINK	Work Zone Staging and Traffic Control; FC 12-Urban Freeway and Expressway (Per Link)		

Item No.	Approx. Quan.	Unit	Description	Unit Price Figures	Total Price Figures
2 SITEWORK - GENERAL					
H Earthwork					
2-H-2910	7105	LF	Clearing, Disposal & Grading for Access Route		
2-H-3020	65	CY	Unsuitable Soil Haul Off & Replace		
2-H-3025	65	CY	Additional Pipe Bedding		
2-H-3900	1100	TON	Surface Stone, In-Place for Access Route		
2-H-3910	5700	LF	Surface Stone and Filter Fabric, Removal from Access Route		
2-H-6900	80	HR	Vacuum Excavation (additional over conventional excavation)		
M Fences & Gates					
2-M-3010	3000	LF	Tree Protection Fence		
N Rip-Rap & Rock Lining					
2-N-1410	2100	SY	Rip Rap		
S Erosion Control Items					
2-S-1010	12	EA	Construction Exit (Co)		
2-S-1225	23100	LF	Sediment Barrier (Silt Fence - Type C)		
2-S-1240	12	EA	Inlet Sediment Trap (Sd2)		
X Concrete Products					

Item No.	Approx. Quan.	Unit	Description	Unit Price Figures	Total Price Figures
2-X-1410	1370	CY	Flowable Fill		
2-X-2420	10	CY	Concrete Encasement (if required)		
4 SEWER COLLECTIONS					
A Pipe – Gravity Pipe					
4-A-2108	26	LF	Sewer Collections, PVC, Gravity Pipe (Replace), 8" Diameter, 0'-8' Cut		
4-A-2208	45	LF	Sewer Collections, PVC, Gravity Pipe (Replace), 8" Diameter, 8'-12' Cut		
4-A-2212	217	LF	Sewer Collections, PVC, Gravity Pipe (Replace), 12" Diameter, 8'-12' Cut		
4-A-1236	3084	LF	Sewer Collections, RCP, Gravity Pipe (Replace), 36" Diameter, 8'-12' Cut		
4-A-1336	4561	LF	Sewer Collections, RCP, Gravity Pipe (Replace), 36" Diameter, 12'-16' Cut		
4-A-1436	2312	LF	Sewer Collections, RCP, Gravity Pipe (Replace), 36" Diameter, 16'-20' Cut		
4-A-1536	317	LF	Sewer Collections, RCP, Gravity Pipe (Replace), 36" Diameter, > 20' Cut		
4-A-5566	10470	LF	Add/Deduct cost for providing 36" DIP in lieu of RCP		
B Manholes, Drops, & Other					
4-B-1048	6	EA	Sewer Manholes, 48" Diameter, 0 - 10' Depth (Pre-Cast Concrete or HDPE)		
4-B-1148	4	VF	Sewer Manholes, 48" Diameter, >10' Depth (Pre-Cast Concrete or HDPE)		
4-B-	43	EA	Sewer Manholes, 72"		

Item No.	Approx. Quan.	Unit	Description	Unit Price Figures	Total Price Figures
1448			Diameter, 0 - 10' Depth (Pre-Cast Concrete or HDPE)		
4-B-1548	304	VF	Sewer Manholes, 72" Diameter, >10' Depth (Pre-Cast Concrete or HDPE)		
4-B-1648	1	EA	Sewer Manholes, 96" Diameter, 0 - 10' Depth (Pre-Cast Concrete or HDPE)		
4-B-1748	18	VF	Sewer Manholes, 96" Diameter, >10' Depth (Pre-Cast Concrete or HDPE)		
C <i>Laterals & Cleanouts</i>					
4-C-1026	9	EA	Service Lateral Replacement 4"-6" Diameter – 12-16' Depth, up to 16 LF		
4-C-3010	9	EA	Sewer, Cleanout, Install at ROW on Private Service		
I <i>Internal Pipe Inspection</i>					
4-I-1050	22000	LF	Sewer, Internal Pipe Inspection, 6" to 24" Diameter		
4-I-1150	130	LF	Sewer, Internal Pipe Inspection, > 24" Diameter		
4-I-6010	225	LF	Sewer, Internal Pipe Inspection, Service Lateral, 4" to 6" Diameter		
K <i>SSES Testing & Other Items</i>					
4-K-1030	1000	LF	Sewer, SSES, Smoke Testing		
4-K-2040	20	EA	Sewer, SSES, Dye Testing, CCTV & Observation		
T <i>Jack & Bore</i>					
4-T-5412	395	LF	Jack-and-Bore, 48" Dia Steel Casing, 36" DIP Dia. Carrier		

Item No.	Approx. Quan.	Unit	Description	Unit Price Figures	Total Price Figures
			Pipe		
X Abandonment/Cap & Plug Removal					
4-X-1018	10000	LF	Sewer, Abandon (grout fill) Existing Sewer Line in Place, 18" Diameter		
4-X-1024	2320	LF	Sewer, Abandon (grout fill) Existing Sewer Line in Place, 24" Diameter		
4-X-1036	300	LF	Sewer, Abandon (grout fill) Existing Sewer Line in Place, 36" Diameter		
4-X-2018	68	EA	Sewer, Cut & Plug Existing Sewer Line, 18" Dia		
4-X-2024	14	EA	Sewer, Cut & Plug Existing Sewer Line, 24" Dia		
4-X-2036	6	EA	Sewer, Cut & Plug Existing Sewer Line, 36" Dia		
4-X-4010	39	EA	Remove & Dispose of Existing Manhole, 0' to 10' Depth, All Sizes		
4-X-4020	234	VF	Remove & Dispose of Existing Manhole, > 10' Depth, All Sizes		
4-X-4030	41	EA	Abandon & Fill Existing Manhole, 0' to 10' Depth, All Sizes		
4-X-4040	164	VF	Abandon & Fill Existing Manhole, > 10' Depth, All Sizes		
6 RESTORATION					
A Asphalt Pavement					
6-A-1410	2050	SY	Asphalt Pavement Patch - Sewer Trench Section		
B Concrete Pavement					
6-B-5410	1570	SY	Concrete Pavement Patch - Open Cut Work in GA DOT Roads, GA DOT Standard 1401		
E Curb & Gutter					
6-E-2410	1152	LF	Concrete and Granite, Curb and Gutter		

Item No.	Approx. Quan.	Unit	Description	Unit Price Figures	Total Price Figures
F Sidewalks/Ramps/Driveway					
6-F-3410	560	SY	Concrete Sidewalk		
6-F-3440	85	SY	Asphalt or Cementitious Concrete Driveway Replacement		
T Trees & Shrubs					
6-T-1015	150	EA	Tree Restoration – All Except Pine		
U Seeding & Sodding					
6-U-2450	1722	SY	Seeding		
6-U-3410	200	SY	Sodding		
Subtotal 1 (Bid Item Sections 1,2,4 and 6)					
9 ALLOWANCES					
Z General Allowances					
9-Z-2410	1	LS	Owner Controlled Contingency	\$ 738,183.02	\$ 738,183.02
9-Z-2480	1	LS	Material Testing	\$ 184,545.76	\$ 184,545.76
9-z-4450	1	LS	City Directed Site Restoration (Private & City Properties)	\$ 123,030.50	\$ 123,030.50
9-Z-4460	1	LS	City Directed Additional Work	\$ 184,545.76	\$ 184,545.76

Subtotal 2 (Bid Item - Section 9 Only) \$1,230,305.03

BID TOTAL, ITEMS 1, 2, 4, 6 AND 9, INCLUSIVE, THE AMOUNT OF (WRITTEN) _____

_____ DOLLARS(\$ _____).
(FIGURE)

The undersigned declares that he understands that the quantities shown are approximate only and are subject to either increase or decrease and that should the quantities of any of the items of work be increased, the undersigned agrees to do the additional work at the unit prices set forth herein, and should the quantities be decreased, he also understands that payment will be made on the actual quantities installed at the unit bid price, and the undersigned will make no claims for anticipated profits for any decrease in the quantities. Actual quantities will be determined upon completion of the job.

The undersigned also agrees that extra work, if any, performed in accordance with Items GC-41 and GC-42 of the General Conditions will be paid for in accordance with the provisions of those Articles.

Amounts shall be shown in both words and figures, where indicated. In case of discrepancies between the figures shown in the unit prices and the totals, the unit prices shall apply and the totals shall be corrected to agree with the unit prices. In case of discrepancies between written amounts and figures, written amounts shall take precedence over figures and the sum of all Bid extensions (of unit prices) plus lump sum items shall take precedence over BID TOTAL.

The bid prices shall include all costs of completion of the work except as otherwise specified in the Contract Documents.

The names and residence addresses of all persons and parties interested in the foregoing bid as principals are as follows:

(Give first and last names in full. In the case of a corporation, give name of president, treasurer, and manager, and in the case of a partnership, give names and addresses of members.)

The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work.

Notice of acceptance should be mailed, telegraphed, or delivered to the undersigned bidder at the following address:

(Name of Bidder)_____

(Signature of Authorized Representative)_____

(Title)_____

(Business Address)_____

(City and State)_____

(Telephone Number)_____

(Fax Number)_____

The following information is required as a part of this Bid.

BID DATA

The Bidder shall designate below the one manufacturer or source for each product listed to be furnished and installed if awarded the Work. The Bidder understands that if this information is not provided, offering products meeting all Specification requirements and having the approval of the Owner, then the Owner reserves the right either to determine the Bidder non-responsive and reject the Bid or to designate the manufacturer of the products to be provided which will meet all specification requirements, which Owner-designated manufacturer products must be furnished by the Bidder at no increase in the Contract Price.

- 1. Product: High Density Polyethylene Pipe (HDPE)
Manufacturer: _____

- 2. Product: Ductile Iron Pipe (DIP)
Manufacturer: _____

- 3. Product: Steel Casing Pipe
Manufacturer: _____

- 4. Product: _____
Manufacturer: _____

- 5. Product: _____
Manufacturer: _____

- 6. Product: _____
Manufacturer: _____

END OF BIDDING DOCUMENTS