

CITY OF ATLANTA

Keisha Lance Bottoms
Mayor

SUITE 1900
55 TRINITY AVENUE, SW
ATLANTA, GA 30303
(404) 330-6204 Fax: (404) 658-7705
Internet Home Page: www.atlantaga.gov

DEPARTMENT OF PROCUREMENT
David L. Wilson II
Chief Procurement Officer

March 27, 2019

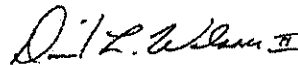
Dear Potential Proponents:

Re: FC-1190045, Lower Proctor Creek Trunk 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 Mr. Karl Walbrook, Contracting Officer, at (404) 330 6517 or by email at kwalbrook@atlantaga.gov.

Sincerely,



David L. Wilson II

DLW/kwa

FC-1190045, Lower Proctor Creek Trunk Sewer Improvements

Addendum No. 1

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ADDENDUM NO. 1

This Addendum No. 1 forms a part of the Invitation to Bid and modifies the original solicitation package as noted below and is issued to incorporate the following:

1. **Revision:** Revised bid due date Monday, April 22, 2019
2. **Questions and Answers:** Attachment No. 1 Responses to 57 Questions.
3. **Revision:** Bid Cost Form, has been replaced in its entirety with version rev.01 (03/18/19)
4. **Addition:** **Pre-Bid Sign In Sheet:**
FC-1190045, Lower Proctor Creek Trunk Sewer Improvements Pre-Bid Sign-In Sheet Attachment No.2
5. **Revision:** Design Drawings (PDF) has been replaced in its entirety with PDF version 2010-31-2018.

The last day for Question WAS Friday, March 8, 2019 at 2:00 P.M. EDT.

The Bid due date HAS been modified and Bids are due on Monday, April 22, 2019 and should be submitted electronically in no later than 2:00 P.M. EDT.

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

FC-1190045, Lower Proctor Creek Trunk Sewer Improvements

Addendum No. 1

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Acknowledgement 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-1190045, Lower Proctor Creek Trunk Sewer Improvements** on this the _____ day of _____, 20_____.

Legal Company Name of Proponent

Signature of Authorized Representative

Printed Name

Title

Date

Attachment No. 1
Questions and Answers

Questions & Answers for ITB – FC-1190045

Question 1

Re to Invitation to Bid section 40. SUBSTITUTION (page 15, paragraph 2).

“ If the term "OR EQUAL" follows the names of approved manufacturers, then other manufacturers desiring approval may submit the product to the Engineer for approval during the bidding phase. The manufacturer should include the following items in this presubmittal: ...”

Answer: As stated in the noted section, the City is requesting that the bidder submit the following items for review and consideration for all alternate products that are seeking approval for use for the project.

1. Descriptive literature, including information on materials used, minimum design standards features, manufacturing processes and facilities, and similar information, which will indicate experience and expertise in the manufacture of the product being evaluated;
2. Performance specifications applicable to the manufacturer's standard design, which indicate the level of performance to be expected from the product;
3. A complete set of submittal Drawings of similar equipment that has been completed and placed into operation;
4. A list of existing installations of equipment similar in type and size;
5. Evidence of technical ability of the manufacturer to design and manufacture Equipment and systems meeting project requirements. Evidence submitted shall include, at a minimum, descriptions of engineering and manufacturing

Question 2

“This pre-submittal shall reach the Engineer no later than three (3) weeks prior to the Bid date. Manufacturers will be advised of approval or rejection in writing no later than fourteen (14) days prior to the Bid date. Rejected submittals may be supplemented with additional information and resubmitted no later than one (1) week prior to the bid date. Manufacturers making supplementary submittals will be advised of approval or rejection in writing no later than three (3) days prior to the bid date.”

Answer: The City has elected to extend the bid due date to April 22, 2019.

Question 3

When referring to Section 01010 – Summary of Work. 1.04 Submittals (page 1010-4)

Answer: Unfortunately, the noted question is too incoherent for the City to provide a proper answer.

Question 4

Submit complete product information, including resins, fabrics, installation procedures and general recommendations regarding each material to be used. Must receive approval by the Engineer of Record (EOR) 10 days prior to the bid date.

Answer: Reference answer provided for Question No. 2.

Question 5

For the products of alternative manufacturers, submit FRP manufacturer's Product Data Sheets (PDS) indicating physical, chemical, and mechanical characteristics of all materials used in the FRP system. Must be approved by EOR 10 days prior to the bid date.

Answer: Reference answer provided for Question No. 2.

Question 6

What is the actual delay to submit relevant information to get approval for an equal product?

Answer: Reference answer provided for Question No. 2.

Question 7

When are all the submittals listed in 1.04 Submittals (Section 01010 – Summary of Work) have to be submitted?

Answer: Reference answer provided for Question No. 2.

Question 8

Does this only apply to the "approved equal" or does it apply to the specified product (PipeMedic by Quakerwrap) as well?

Answer: This applies to the submittal for consideration of an equal product.

Question 9

How/where do we transmit information to the Engineer of Record (EOR) for approval of an equal product?

Answer: All submittals must be submitted to the City of Atlanta Department of Procurement to the attention of the Contracting Office, Karl Walbrook.

Question 10

After looking through the ITB we noticed that the attachments required to be filled out by the bidder are not inside the document. Can you please assist?

Answer: All Attachments are located on the ATL Cloud system in the negotiation.

Question 11

The size of the pipe is what would determine our interest in sending someone to the pre-bid meeting as we are not a local contractor. The documents online explain the method of the rehabilitation and scope of the work including the amount of footage, so I am not understanding why the size of the pipe wouldn't be stated as well. I am not asking for proprietary information just the size of the pipe.

Answer: The size of the sewer pipe that is the basis for the project is an existing 54-inch diameter sewer. Reference design drawings for additional details concerning the sewer pipe.

Question 12

We may be interested in bidding this project, however, we are unsure of the diameter of the pipe to be rehabbed, can you provide with that size?

Answer: Reference answer provided for Question No. 11.

Question 13

Per Spec specification section 0101-4 -1.04 Submittals – H. Alternative manufacturers must be approved by EOR 10 days prior to bid date. It was stated at the pre-bid today that we were to turn in technical data on alternative manufacturers with our proposals. Can you please clarify which is correct?

Answer: Reference answer provided for Question No. 2.

Question 14

Could you please provide the flow rates of the existing sewer line?

Answer: Average daily dry weather flow of 8.4 MGD, low flow of 6 MGD, and peak wet weather flow of 24 MGD.

Question 15

Could you please provide any CCTV inspection reports and video?

Answer: The City will provide available inspection data and reports post-award.

Question 16

Please clarify pay items for cleaning and inspection, it was stated the quantity was 13,700LF at the pre-bid, pay item is for 1,272LF.

Answer: The correct quantity proposed for cleaning and inspection is 13,700 LF. See attached updated Bid Form.

Question 17

Is the City willing to do a site visit for contractor?

Answer: The City has elected not to conduct a site visit during the bidding phase.

Question 18

What is the process, content, and due date required to submit a similar or equal product for Rehabilitation?

Answer: Reference answer provided for Question No. 2.

Question 19

Is CCTV footage available for review?

Answer: Reference answer provided for Question No. 15.

Question 20

Will the Owner provide access to the site to walk the pipe for inspection an evaluation?

Answer: Both advanced inspection and evaluation has been completed for the sewer and is the basis for the proposed scope of work. The results and relevant data will be provided post-award.

Question 21

Will the Owner provide flows rates for the pipe in dry, wet, and peak conditions?

Answer: Reference answer provided for Question No. 14.

Question 22

If the Contractor meets the percentage requirements for MBE & FBE (26.7% & 11.1%), what percentage or condition stipulates a joint venture on this bid?

Answer: A joint venture (JV) prime contractor, consisting of at least one certified Minority or Female business enterprise (M/FBE) will satisfy the JV goal. The certified M/FBE JV partner's self-performed work can be counted in one category (MBE/26.7% or FBE/11.1%) toward the subcontractor participation goal. Additionally, each JV team's bid must include a signed JV agreement. There are no specific terms required of the JV agreement.

Question 23

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

Answer: The City has elected not to disclose the capital budget for the project.

Question 24

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

Answer: This is an Open Records Request, please submit your request to the appropriate department.

Question 25

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

Answer: Please reference Addendum No. 2 - Pre Bid Conference Sign-In Sheet

Question 26

Will the Owner/Engineer please provide the anticipated NTP date for this project?

Answer: The NTP will be issued 10 days after the award.

Question 27

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

Answer: There are no prevailing wage requirements.

Question 28

What is the process, content, and due date required to submit a similar or equal product for Rehabilitation?

Answer: Reference answer provided for Question No. 2.

Question 29

What specification must alternate rehabilitation products/methods meet to be considered an approved equal?

Answer: Reference Section 1010 – Summary of Work for product requirements.

Question 30

Will the deadline for questions be extended? It doesn't seem that all documents are available for bidders at this time; other questions will arise for Owner clarification.

Answer: No.

Question 31

Is CCTV footage available for review?

Answer: Reference answer provided for Question No. 15.

Question 32

Will the Owner provide access to the site to walk the pipe for inspection and evaluation?

Answer: Reference answer provided for Question No. 20.

Question 33

Will the Owner provide flows rates for the pipe in dry, wet, and peak conditions?

Answer: Reference answer provided for Question No. 14.

Question 34

If the Contractor meets the percentage requirements for MBE & FBE (26.7% & 11.1%), what percentage or condition stipulates a joint venture on this bid?

Answer:

Please refer to Answer 22

Question 35

What is the overall budget for this project? Are all funds in place?

Answer: The City has elected not to disclose the capital budget for this project. And yes, the appropriate funds are currently allocated.

Question 36

Are all right of entries in place for this project? Will the Contractor be required to obtain any ROE's?

Answer: Necessary rights-of-entries (ROEs) will be obtained by the City. The Contractor will not be required to obtain ROEs.

Question 37

Regarding specification section *Internally Bonded Fiber Reinforced Polymer (FRP) Composite System for Sewer Repairs*:

AWWA has a standard governing the these types of pipeline repairs, AWWA C305, which should be applicable and govern the materials, design and installation – will you plan to add it as a referenced standard?

Answer: The City respectfully takes exception. The AWWA standard referenced is applicable for linear water applications, while the nature of this project is related to sanitary sewer applications.

Question 38

The specification does not include the design loads for the CFRP system, can you please provide?

Answer: Reference Section 1010 – Summary of Work, 1.01 Scope, paragraph J and 2.02 Design Loads.

Question 39

The specification does not include designer qualifications, which typically includes a minimum of 25 projects designed in the past 5 years – should this qualification be added?

Answer: The bidder will be required to obtain the necessary design qualifications from the selected product manufacturer.

Question 40

The specification includes manufacturer qualifications, should the experience be documented as installations completed in the United States? Industry standard requirements typically include 25 projects completed in the past 5 years.

Answer: Reference answer provided for Question No. 39.

Question 41

The specification does not include any testing requirements for the CFRP system, please indicate if long term durability testing and full scale testing (on a 48-inch diameter or larger pipe specimen) are required for the CFRP system.

Answer: Reference Section 1010 – Summary of Work, 3.09 Inspection & Quality Assurance, F. Tests.

Question 42

The specification does not include any experience requirements for the installation or application contractor – should the company installing the system demonstrate experience requisite with the project scope? Industry standard is a minimum of 25 projects completed in the past 5 years.

Answer: Reference answer provided for Question No. 39.

Question 43

For your technical staff's reference, and not be considered part of this RFI, a couple of typical specifications for these types of project are attached.

Answers: Unfortunately, no attachments were found attached to allow for review and consideration.

Question 44

Drawing No. C-300 Project Summary:

The drawing contains a column referred to as “Quakewrap Recommendations”, what is the basis for these recommendations?

Answer: The basis for the recommendations are a result of completed sewer inspection data and an evaluation of observed defects.

Question 45

For semi-structural repairs, what is the contribution of the host pipe to be assumed?

Answer: Recommend bidder contact the product manufacturer(s) to confirm the host pipe thresholds that dictate the installation of fully structural and semi-structural repair methods.

Question 46

Please provide details and specifications for the existing 54-inch pipe.

Answer: Please reference the entire bid package including specification and design drawings provided for the solicitation.

Question 47

Please provide detailed information, including any condition assessments completed, for the existing 54-inch pipe.

Answer: Reference answer provided for Question No. 45.

Question 48

Please provide a list of attendees to the pre-bid meeting held on 3/12?

Answer: Please reference Addendum No. 1 Attachment No. 2 – Pre-Bid Conference Sign-In Sheet.

Question 49

Pre-Bid Site visit. Will there be a job site tour for Contractors and GC to get familiar with site surroundings conditions? Will there be an extension to the deadline for questions and inquiries after the job site tour?

Answer: Reference answer provided for Question No. 17.

Question 50

Some of the information provided on the drawings are unreadable in their current format (I.e Drawings C-301, C-302, C-303, C-304 and G-2000). See example in attachment. The drawing G-2000 General Notes are also unreadable. Can you please provide readable versions for us to bid off of?

Answer: See attached pdf. copy of the design drawings.

Question 51

Are video's available from the sewer inspection? Can they be made available to the bidders?

Answer: Reference answer provided for Question No. 15.

Question 52

Is there a project schedule relating to any work starting date and completion date?

Answer: The bidder will be required to submit a project schedule post-award pursuant to the terms and conditions of the agreement.

Question 53

In reference to **ATTACHMENT C. Department of Public Works Public Right-of-Way Manual. Section 9: Conditions and permits, e. Permissible working hours** (page 21 of 59)

It is stated: Monday - Friday (9:00 am - 4:00 pm) and (6:00 pm - 10:00 pm)
Exceptions may be granted.

Please confirm if these working hours are applicable to the contract. If not, what are the permissible working hours?

Answer: The working hours noted are applicable **only** for any proposed work that will impact the right-of-way and pursuant to the Department of Public Work's permit requirements.

Question 54

In reference to the **Exhibit A. Bid Form. Section N Lining. 4-N-1000**. The Bid Form calls for the lining of an *approximate quantity of 3,150 LF of Fiber Reinforcement Polymer (semi-structural linear)*. Can you please kindly explain the calculation for us to understand and match the total 3,150 lf ?

If referring to the drawings and plans, which specific drawings plans provide the information?

Answer: See attached revised Bid Form for corrected rehab quantities, as well at both the table entitled "Lower Proctor Creek Trunk: Identified Mainline Repairs" and respective maps indicating respective sewer segments.

Question 55

Refer to **Sheet C-300. Lower Proctor Sewer Repairs Project Summary Sheet.**

We request clarification about the meaning of some information from that sheet, such as:

A. RELINE semi-structural

Referring to the two segments below, as examples:

US MH	DS MH	LENGTH (LF)	DEPTH (FT)	EXISTING DIAMETER (IN)	RECOMMENDATIONS
148	152	329.6	14	54	RELINE with FRP, Semi Structural.
151	149	789.4	17.2	54	RELINE with FRP, Semi Structural.

Answer: The reference to “Reline” simply refers to the segment that is proposed for the installation of a semi-structural FRP product.

Question 56

Does this mean the entire length of the segment is to be relined using FRP or just part of it? If partial, provide location and details about surface to be Lined. Does that apply to all segments listed as RELINE with FRP, semi-structural on sheet C-300?

B. Reline structural

Referring to the following segment as listed on sheet C-300:

US MH	DS MH	LENGTH (LF)	DEPTH (FT)	EXISTING DIAMETER (IN)	RECOMMENDATIONS
167	91	344.4	9.59	54	Reline/ Structural.

Answer: Yes, it indicates that the entire length of the segment is to be rehabilitated utilizing the FRP product.

Question 57

Please provide clarification on the means and methods of structural lining for the following segment. Is a structural FRP design required? Please confirm quantity as either full 344.4 LF segment or partial.

C. FRP Point repair

Referring to the two segments below, as examples:

US MH	DS MH	LENGTH (LF)	DEPTH (FT)	EXISTING DIAMETER (IN)	RECOMMENDATIONS
149	153	215	17.9	54	FRP Point repair at 129, 210 ft
153	150	524.5	18.3	54	FRP point repair at 187, seal joint at 413 ft
194	092A	584.2	NA	54	FRP point repair at 38 ft, seal joints at 54, 97, 150, 500, 576, 820 ft. Point repair 630-640 ft, 940-955 ft, 978-986 ft.
2	1	764.7	20.24	54	FRP, IPR-4 Locations, Repair at 120' and 407' Seal joints at 97' and 120'
2	45	601.3	18.47	54	FRP, IPR-1 Location, Seal joint at 42'

Answer: The instances listed above indicate the need for the point repairs either at the noted distances from the upstream manhole or at various joint locations.

Question 58

Please provide clarification on the means and methods for FRP Point repair. **Section 02757 Point Repair of Sanitary Sewer** does not provide any information/ specifications about FRP point repair but rather refers to other methods. Please provide standard details of appropriate length of pipe to be repaired at each point repair location. This question applies to all mention of FRP point repair in Sheet C-300. Are joint to be sealed using FRP as well? If so, provide details about appropriate length of pipe.

Point repair 630-640 ft: Is this a point repair to cover a 10 ft pipe segment? If so again, please provide details location and lengths clarify specifications if FRP is required for such point repair.

FRP, IPR-4 Locations, and or FRP, IPR-1 Location. Please clarify/ define FRP, IPR-4 locations & IPR-1 Location and provide details of appropriate length of pipe to be repaired at each point repair location.

Answer: Recommend contacting the product manufacturer to obtain clarity concerning the means and method for installation of the FRP product for manhole-to-manhole and point repair applications. Meanwhile, Section 02757 relates to implementation of traditional point repairs and can be referenced should such a repair be required during the course of the work.

Attachment No. 2
Pre Bid Sign In Sheet

PRE-BID CONFERENCE
PLEASE SIGN IN

FIRM'S NAME	REPRESENTATIVE'S NAME	FIRM'S ADDRESS	EMAIL ADDRESS	FIRM'S PHONE NO.	FIRM'S FAX NO.	Select One	
						Prime	Sub
Thrasher Contracting	Ken Haist	1500 Marietta Rd NW Atlanta, GA 30318	khaist@thrasher- contracting.com	404-535-3649	N/A		✓
	Michael Thrasher		mthrasher@thrasher- contracting.com	404-535-3628			✓
IPR Southeast	Rich Schick	5207 Ever Rabbit Rd Stone Mountain 30088	rschick@teamipt.com	404-308-3263		(R)	
VW GROUP LLC	VALISTER WILSON CANA MUNGIN	125 E. TRINITY PL #212 DECATUR, GA 30030	vwilson@vwgroupllc.com	678-922-2480			
REYNOLDS CONSTRUCTION	ADAM SCOGGINS	300 SE BROAD ST FAIRBURN GA 30213	ADAM.SCOGGINS@ REYNOLDS.CON.COM	770-969-4040			✓
Ruby-Collins, Inc	Scott Cline	4806 Wright Drive Smyrna, GA 30082	sccline@ruby-collins.com	770-432-2900	770-434-0586		✓
MME	BARRY BENNETT	2171 W. FK PL. STW MTN 30087	b.bennett@mme2ob.com	678-691-3747			✓

Reynolds

CRAIG WILEY

300 E. Broad Street
Fairburn Ga
30213

Craig.wiley@
reynolds.con.com

678 898
7235

Page ___ of Prime
✓

Gannay Co.

Eric Malvin

5895 Seaton Rd. Suite 114
Alpharetta, GA 30005

emalvin@gannay.com 770.754.4141

770.754.4144 ✓

Bainbridge

Beth Sitt

2330 Brentwood Dr.
Kennesaw GA 30142

bsitt@reinforcement.com 678-758-1387

678544-6605 sub

FIBRWRAP / K-YFE

KOBEILT DUMAIS

4445 MIURITY LINTON W
SAN DIEGO CA
92123

kdumais@aegion

484 553-8864

X SUB

Handwritten notes, possibly "Kobeilt Dumais"

Handwritten notes, possibly "4445 Miurity Linton W"

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