

APRIL 2, 2019

TO: All Bidders under Invitation to Bid No. 18-101044

FROM: Department of Purchasing and Contracting, DeKalb County, Georgia

ADDENDUM NO. 3

Invitation to Bid (ITB) No. 18-101044, Design Build Services for Gravity Sewer System Rehabilitation, Replacement and Construction Package No. 4, is hereby amended as follows:

A. MODIFICATION TO THE INVITATION TO BID

1. Deadline for Submission of Bids has been extended to April 17, 2019 at 3:00 p.m. The location has NOT changed.
2. **ATTACHMENT B-1 BIDDER'S UNIT PRICE FORM**
Delete in its entirety. Replace with **(REVISED APRIL 2, 2019) ATTACHMENT B-1 BIDDER'S UNIT PRICE FORM.**
3. **ATTACHMENT B-2 MEASUREMENT AND PAYMENT**
Delete in its entirety. Replace with **(REVISED APRIL 2, 2019) ATTACHMENT B-2 MEASUREMENT AND PAYMENT.**
4. **EXHIBIT 1 - GUIDE SPECIFICATION, SECTION 02500**
Delete in its entirety. Replace with **(REVISED APRIL 2, 2019) EXHIBIT 1 – GUIDE SPECIFICATION SECTION 02500.**
5. **EXHIBIT 3 – TECHNICAL DRAWINGS**
Delete in its entirety. Replace with **(REVISED APRIL 2, 2019) EXHIBIT 3 – TECHNICAL DRAWINGS.**
6. **EXHIBIT 5 – PIPE LIST**
Delete in its entirety. Replace with **(REVISED APRIL 2, 2019) EXHIBIT 5 –PIPE LIST.**

B. We have received questions pertaining to this Invitation. The questions and their resulting answers appear below:

1. **Question:** Subject – Pre-Bid Sign-In Sheet
I was wondering if you could send us a copy of the sign-in sheet for the Pre-Bid Conference for 18-101044-ITB Consent Decree – Design Build Services for Gravity Sewer System Rehabilitation, Replacement and Construction Package No. 4 project?

Answer: The Pre-Bid Sign-In sheet can be downloaded from DeKalb County's Purchasing and Contracting website, <https://www.dekalbcountyga.gov/purchasing-contracting/bids-itb-rfps>

2. Question: Subject – Bypass

Bypass item has no duration. If bypass has to run for 100 days will the Contractor be paid the same as if it runs for one day? The County will likely get better prices if duration is defined, not just length of bypass.

Answer: Yes. Bid Items 13-16 are intended for bypass pumping necessary to support CCTV inspections during the Design Phase. CCTV inspections will be short-duration activities. Bypass pumping associated with pipe rehabilitation construction work should be included in appropriate unit price (CIPP, open cut, point repairs, pipe bursting, etc.).

3. Question: Subject – Bypass

Is the LF of 'pipe segment being bypassed' include only the segment for which work is being done on or LF of all dry pipe? For instance if it makes sense to suction one or two manholes upstream of the segment to be rehabbed, does the Contractor get paid for all dry pipe?

Answer: Linear footage payment under Bid Items 13-16 is for actual pipe length being CCTV inspected. There will be no payment for additional dry pipe. See revised Measurement and Payment Section 1.3, Paragraph 13-16 Sewer Flow Control for CCTV Inspections.

4. Question: Subject – Access

Temp Stream Crossings are to be paid by the LF. Is this LF of pipe used to make the crossing or linear feet of stream width (bank to bank)?

Answer: Payment will be made for length of temporary culvert installed by diameter. See revised Measurement and Payment Section 1.3, Paragraph 38-41 Temporary Creek Crossing.

5. Question: Subject – Access

The M&P states that these items are for crossings up to 40LF stream span. If span is larger than 40LF, how will Contractor get paid?

Answer: The crossing dimension reference in the Measurement and Payment for Pay Item 38-41 is in error; these Pay Items are applicable to all temporary stream crossings regardless of width. See revised Measurement and Payment Section 1.3, Paragraph 38-41 Temporary Creek Crossing.

6. Question: Subject – CCTV

CCTV M&P states that traffic control be included in CCTV unit price. Would it make more sense to pay traffic control using the TC items so as not to inflate the CCTV unit price?

Answer: Limited traffic control in low-traffic/residential areas is to be included in the CCTV price. Subdivision residential areas should be considered low traffic areas. Traffic control in areas other than low traffic will be paid under Traffic Control (Pay items 9-11). See revised Measurement and Payment Section 1.3, Paragraph 17-19 Miscellaneous CCTV Inspections.

7. Question: Subject – CIPP

CIPP M&P states that traffic control be included in CIPP unit price. Would it make more sense to pay traffic control using the TC items so as not to inflate the CIPP unit price?

Answer: Limited traffic control in low-traffic/residential areas is to be included in the CIPP price. In commercial areas or other high traffic areas where a higher degree of traffic control is warranted, it will be paid under Traffic Control (Pay items 9-11). See Measurement and Payment Section 1.3, Paragraph 48-53 Cured-in-Place Pipe (CIPP).

8. Question: Subject – CIPP

Spec states that steam cure temps are not to exceed 180F. This is not possible. Will DWM accept installation temps higher than 180F?

Answer: Exhibit 1 Guide Specification, Spec 02500, Paragraph 2.03.A.6.b does not state steam cure temps cannot exceed 180F. This specification states that for resin curing the initiation temperature is 180 degrees Fahrenheit maximum.

Exhibit 1 Guide Specifications provide DeKalb County technical expectations. The Design-Builder's Engineer-of-Record will develop project specific technical specifications and requirements, with deviations from the Guide Specifications subject to review and approval by DeKalb County.

9. Question: Subject – CIPP

Spec indicates 1% max of resin by volume. Is 1.25% primary acceptable? If we use only 1% on small liners, we could have lifts.

Answer: No. 1.25% primary is not acceptable.

10. Question: Subject – CIPP

If CIPP thickness design exceeds DeKalb's minimum thickness, how will Contractor be compensated for the additional material?

Answer: Basis of unit price bid is not DeKalb County's CIPP minimum thickness; it is the appropriate CIPP thickness as determined by the Design-Builder's Engineer-of-

Record, with minimums as prescribed by County Guide Specifications. There will be no adjustments of unit prices to account for varying thicknesses. See revised Measurement and Payment Section 1.3, Paragraph 48-53 Cured-In-Pipe (CIPP).

11. Question: Subject – CIPP

Will DWM consider adding ‘additional thickness by pipe diameter (per 1.5mm)’ item to bid tab?

Answer: No.

12. Question: Subject – CIPP

When will preliners be required?

Answer: The Design-Builder’s Engineer-of-Record will determine when pre-liners are required.

13. Question: Subject – CIPP

Will DWM consider adding a ‘preliner by diameter (LF)’ item to bid tab?

Answer: No. Based on Design Builder’s review of provided CCTV data pre-liners (when required) should be included in the CIPP unit price.

14. Question: Subject – CIPP

Will DWM please remove the tensile strength testing requirement? This is not industry standard for gravity pipes (just pressure pipe) and will likely double all CIPP sample testing costs, which the contractor will have to add to their cost in bid.

Answer: Tensile strength performance and testing requirements are not applicable to gravity sewer pipes. See revised Exhibit 1 – Guide Specifications, Section 02500 – Lining with Cured-In Place Pipe (CIPP). The following paragraphs have been deleted:

1.03.A.2, D638 Standard Test Method for Tensile Properties of Plastics

3.05.A.3.a, Tensile Properties

3.05.A.3.2, Table row 3; Tensile Strength, D638, 3000 psi

15. Question: Subject – CIPP

If outside drop assemblies are to be CIPP lined, how will the Contractor be paid? Under the appropriate diameter CIPP item or under item 60 (lat lining)?

Answer: Outside drop assemblies will be paid as lateral linings. See revised Measurement and Payment Section 1.3, Paragraph 60 Cured-In-Pipe Place, Renewal of Service Lateral.

16. Question: Subject – CIPP

Does item 60 lat lining assume that all laterals to be lined are 6" diameter? Will DWM require that 4" laterals be lined or upsized to 6"?

Answer: Yes. Assume laterals are 6-inch diameter. No upsizing will be required. See revised Measurement and Payment Section 1.3, Paragraph 60 Cured-In-Pipe Place, Renewal of Service Lateral.

17. Question: Subject – CIPP

Thickness minimum for 6" diameter is typically 4.5mm across the industry. It is difficult, if not impossible, to install a 6mm in a 6" diam sewer. Please confirm that 4.5mm minimum is acceptable for 6" diam (if thickness design calculation is under).

Answer: A thickness minimum of 4.5 mm is acceptable for a 6-inch diameter pipe if calculations per ASTM F1216 demonstrate adequacy of 4.5 mm liner in a 6-inch pipe. See revised Exhibit 1 – Guide Specifications, Section 02500 – Lining with Cured-In Place Pipe (CIPP) Paragraph 2.02.E.15.a.

18. Question: Subject – CIPP

Will DWM consider adding a bid item for the 23month CCTV, rather than require the Contractor to include in his CIPP unit price and Internal Pipe Point Repair with CIPP unit price?

Answer: No. The two-year CCTV warranty inspection requirement has been removed from the CIPP and Internal Point Repair Scopes of Work. The Design Builder is required to provide to the County a two-year warranty for all installed CIPP liner. See revised Measurement and Payment Section 1.3, Paragraphs 48-53 Cured-In-Pipe (CIPP) and 54-58 Internal Pipe Point Repairs with CIPP.

19. Question: Subject – CIPP

There is a UV CIPP spec but no bid item for UV CIPP. Does DWM want to add?

Answer: Yes. The following Bid items have been added to (Revised April 2, 2019) Attachment B-1 Bidder's Unit Price Form :

- 53a. Cured-In-Place Pipe, Fiberglass (UV), 6" to and Including 8" Diameter;
- 53b. Cured-In-Place Pipe, Fiberglass (UV), 10" Diameter;
- 53c. Cured-In-Place Pipe, Fiberglass (UV), 12" Diameter;
- 53d. Cured-In-Place Pipe, Fiberglass (UV), 15" Diameter;
- 53e. Cured-In-Place Pipe, Fiberglass (UV), 18" Diameter

20. Question: Subject – CIPP

There is a GRP CIPP bid item, but no specification. Will DWM provide?

Answer: No. GRP CIPP has been renamed to Fiberglass CIPP for use with UV curing per Guide Specification 02501. See revised Measurement and Payment Section 1.3, Paragraph 48-53 Cured-In-Pipe (CIPP).

21. Question: Subject – CIPP

CIPP calls for water tight seal at laterals. Is grouting laterals acceptable? If so, please provide spec and bid items. If not, how does DWM propose to seal the lat/main connections? If top hats are expected, please provide spec and bid items.

Answer: Water tight seals at laterals are not required. Grouting of laterals is not required during the reestablishment of service connection to the lined pipe. Design-Builder must cut and brush the lateral connections as specified in Guide Specifications 02500 and 02501. See revised Exhibit 1 – Guide Specifications, Section 02500 – Lining with Cured-In Place Pipe (CIPP) Paragraph 1.02.C.3.

22. Question: Subject – CIPP

When are hydrophilic end seals required?

Answer: All the time. Both ends of every CIPP-lined pipe.

23. Question: Subject – CIPP

Can Romac saddles be used at service reconnections that require digging on CIPP sewers?

Answer: Yes, a Romac or equivalent saddle connection approved by the County can be used at service reconnections that require digging on CIPP sewers. See revised Measurement and Payment Section 1.3, Paragraph 61 Service Lateral Reconnection 4”- 6” Diameter.

24. Question: Subject – CIPP

M&P states that item 60 CIPP lat lining refers to spec 02530, but there is no mention of CIPP lat lining in this spec. Please provide spec for lat lining.

Answer: Guide Spec 02530 is the incorrect reference for handling laterals in CIPP installations. References should be made to Guide Specs 02500 and 02501. See revised Measurement and Payment Section 1.3, Paragraph 48-53 Cured-In-Pipe (CIPP).

25. Question: Subject – CIPP

If Vericure is at the County’s direction, will the county add a bid item for this cost?

Answer: No bid item will be added for the cost of Vericure temperature monitors. Vericure temperature monitors should be used at the Engineer-of-Record’s discretion, but no additional payment will be made. See revised Exhibit 1 – Guide Specifications, Section 02500 – Lining with Cured-In Place Pipe (CIPP). The following paragraphs have been deleted:

3.0.3.D.4, VeriCure monitors are to be used when requested by Owner or Owner’s Representative.

3.0.3.F.3.a.4.b.3, VeriCure monitors are to be used when requested by Owner or Owner's Representative.

3.0.3.F.3.b.4.b.4, VeriCure monitors are to be used when requested by Owner or Owner's Representative.

26. Question: Subject – Dig Work

M&P of External Point Repair and Sanitary Sewer Replacement states that backfilling is to be included in price. Will the Contractor be paid for compacted GAB under separate item Unsuitable (GAB) or should we price PRs and Replacements assuming all will need GAB?

Answer: Yes. As approved by the County, the Contractor will be paid from a separate Bid Item 42 Crusher Run (GAB) and Bid Item 43 Imported Soil Fill for backfill in place of unsuitable backfill. The Contractor should not price Point Repairs and Replacements assuming all will need GAB. The Contractor should include backfill in the unit price for external point repair and sewer replacement. Final backfill shall be Crusher Run (GAB) in all road cuts and surface paved areas. Final backfill in non-paved areas shall be select backfill as specified in Guide Specification 02324 Paragraph 2.05.

27. Question: Subject – Dig Work

Can Romac saddles be used at service reconnections on pipe burst sewers?

Answer: Yes, a Romac or equivalent saddle connection approved by the County can be used at service reconnections on pipe burst sewers. See Measurement and Payment Section 1.3, Paragraph 61 Service Lateral Reconnection 4" - 6" Diameter.

28. Question: Subject – Dig Work

Will DWM allow PVC open cut replacement? If so, please provide bid items.

Answer: DWM will not allow PVC for open cut replacement. No bid item will be provided for PVC open cut replacement.

29. Question: Subject – Dig Work

Is bypass supposed to be covered within the open cut pipe replacement bid items 84-106?

Answer: Yes. For unit price bid items 84-106 bypass pumping associated with pipe rehabilitation construction work should be included in appropriate unit price for open cut pipe replacement.

30. Question: Subject – Dig Work

How will Contractor be paid for external point repairs deeper than 16VF?

Answer: The following Bid items have been added to See (Revised April 2, 2019) Attachment B-1 Bidder's Unit Price Form:

- 71a. External Point Repair, 6" to and Including 16" DIP, Up to 15 LF Repair, > 16' Depth;
- 73a. External Point Repair, 18" to and Including 24" DIP, Up to 15 LF Repair, > 16' Depth;
- 77a. External Point Repair, 6" to and Including 16" DIP, > 16' Depth, Additional LF > 15 LF Repair;
- 79a. External Point Repair, 18" to 24" DIP, > 16' Depth, Additional LF > 15 LF Repair.

31. Question: Subject – Dig Work

How will Contractor be paid for 10" pipe replacement deeper than 16VF?

Answer: Design Builder will be paid for 10" pipe replacement deeper than 16 VF from Bid Item 90a Replace Existing with DIP, 10" Diameter, > 16' Depth. See (Revised April 2, 2019) Attachment B-1 Bidder's Unit Price Form.

32. Question: Subject – Dig Work

Are items 116-119 and 126-133 unit prices to include bypass pumping or will that be paid under separate Bypass bid item?

Answer: Bypass pumping is to be included in these Bid Items. See revised Measurement and Payment Section 1.3, Paragraphs 116, 117, 118, 119, and 126-133.

33. Question: Subject – Dig Work

M&P for item 124 Abandon MH states that MHs shall be grout filled and references S-005 in DeKalb Standards. But, S-005 says to use compacted dirt and rubble. Which is correct?

Answer: All abandon manholes shall be filled with grout.

34. Question: Subject – Dig Work

Standard G-005 states that longitudinal cuts exceeding 100LF require paving curb to curb. Is this correct? If so, have the bid quantities taken this into account?

Answer: Yes as stated in County Standard G-005 longitudinal cuts exceeding 100 LF require paving curb to curb. Bid Item 136 (Asphalt Milling and Overlay) estimated quantities have been adjusted in the (Revised April 2, 2019) Attachment B-1 Bidder's Unit Price Form to account for this requirement.

35. Question: Subject – Dig Work

Also, Contractors will be paid for both item 134 and 136 when curb to curb paving is required, correct?

Answer: Yes, bid items 134 and 136 would both apply if the design requires backfilling a pipe trench and capping with concrete at grade, then milling down and resurfacing with asphalt.

36. Question: Subject – Dig Work

Do City of Decatur and City of Avondale Estates require curb to curb milling and paving on all road cuts? If not, when is curb to curb or full lane mill/pave required in each municipality?

Answer: It is the Bidder's responsibility to determine the City of Avondale and the City of Decatur's requirements for asphalt replacement for road cuts.

37. Question: Subject – Dig Work

Will DWM allow re-use of existing granite curbs? If so, under what item will Contractor be paid?

Answer: Yes. DWM will allow reuse of existing granite curbs. The Design-Builder will be paid under bid item 138c for reuse of granite curb that has been removed. See (Revised April 2, 2019) Attachment B-1 Bidder's Unit Price Form.

38. Question: Subject – Dig Work

Will DWM consider separating granite curb and concrete curb removal/replacement items?

Answer: See Question & Answer No. 37.

39. Question: Subject - Pre-Qualified Bidders

Reference is made to the subject Design-Build (D-B) ITB. Under the Instructions to Bidders and within the section labeled General in the third paragraph, the ITB states in part "Bids will be considered only from experienced and well-equipped contractors..." The ITB goes on to another section labeled Pre-Qualified Bidders.

Can an experienced, well-equipped contractor submit a bid on this D-B ITB if said contractor is NOT listed as one of the pre-qualified bidders, and the bid be deemed responsive by DeKalb County?

Answer: No. Only bids submitted by the Pre-Qualified Bidders will be accepted.

40. Question: Subject – Design Build Pre-Qualification

Could you provide any additional information on becoming pre-qualified to bid on future Consent Decree design build services?

Answer: DeKalb County does not have plans to pre-qualify vendors on future Consent Decree Design Build projects. However, if the County chooses to pre-qualify firms the County will advertise the solicitation on the County's website.

41. Question: Subject – Construction Administration/ Construction Services

Is Construction Administration/ Construction Services/ Construction Management to be included in the Engineering fees on the bid tab? If so, in which bid item? Please provide DWM expectations for involvement from Engineer during Construction.

Answer: DeKalb County will engage a third-party Construction Manager to manage, administer, and inspect the project on the County's behalf. No additional payment will be made to Design-Builder for Construction Administration, Construction Services, or Construction Management.

42. Question: Subject – Managing Communication

How you were managing, communicating, and handling all of the electronic submittals, contracts, drawings, RFI's, etc for this particular project?

Answer: DeKalb County's standard document management system employs Microsoft SharePoint. Bidders shall assume they will upload documents to the system for processing, review, and comment by County staff.

43. Question: Subject – Specifications

The specifications state:

“The awarded Design-Builder shall be responsible for the design and construction of all facilities in accordance with the 2017 version of the DeKalb County Department of Watershed Management Design and Construction Standards and all other local, State, and Federal requirements of Governmental Authority.”

The Design-Builder shall review CCTV footage provided in Exhibit 4 CCTV Footage and fully evaluate all information provided along with any new information revealed during the course of their work and shall use their own professional engineering judgment along with the design guidance requirements provided in Exhibit 2 Sewer Rehabilitation Design Guidance (July 2016) to determine the final rehabilitation design.

Therefore, is it the intent of the Owner that the awarded Design-Builder shall ultimately be able to specify the rehabilitation Method(s) that shall be used for each pipe segment included in the scope of work?

Or, shall the program manager and/or the Owner retain the ability to ultimately specify the rehabilitation method(s)/scope?

Answer: Based on ITB scope, the Design-Builder will hire firms to complete survey and geotechnical investigation. The Design-Builder will hire an Engineer-of-Record to review CCTV data, survey and geotechnical data and finalize the pipe rehabilitation methods such as lining, sewer replacement and pipe bursting. The Engineer-of-Record will be responsible for determining the proposed pipe rehabilitation methods which will be provided to the County in the form of a Basis of Design Report. The proposed rehabilitation method will be reviewed by the County. If the proposed rehabilitation method is accepted by the County, the Engineer-of-

Record will be responsible for the design. If there is disagreement between the Engineer-of-Record and the County concerning the proposed rehabilitation method that cannot be resolved, the County may elect to remove the pipe segment from the Design-Builder's scope of work.

44. Question: Subject – Specifications

The intent of this question is that several rehabilitation methods may be determined to be viable options in the professional opinion of the Design-Builder. As such, shall the final determination be determined by the Design-Builder?

Or, shall the final project scope ultimately be determined based on the opinion and wishes of the Owner and/or Program Manager, in the event their opinion differs from the Design-Builder?

Answer: See Questions and Answer No. 43.

45. Question: Subject – Additional questions

Based on the answers provided in the forthcoming addendum, will the bidders have the opportunity to ask additional questions?

Answer: No. The question and answer period expired on January 22, 2019.

46. Question: Subject – Pre-Qualified Bidders

I notice in the ITB for the above mentioned project there are 6 bidders that have been pre-qualified to bid on this project. Are those the only contractors allowed to provide a proposal? Or can we also provide a proposal since we are currently working on a project for Dekalb County.

Answer: See Question and Answer No. 39.

47. Question: Subject – Exhibit 3 – Technical Drawings

The new John Lewis Elementary School located at 2630 Skyland Dr, Brookhaven, GA 30319 is scheduled to open in August 2019. The existing 8-inch pipe that's scheduled to be replaced with 8 - 12-inch pipe has already been re-routed around the school and replaced with another 8 inch pipe.

Answer: The Skyland Drive pipe replacement has been deleted from the scope of work. See (Revised April 2, 2019) Exhibit 3 –Technical Drawings and (Revised April 2, 2019) Exhibit 5 –Pipe List.

- C. It is the responsibility of each bidder to ensure that he is aware of all addenda issued under this ITB. Please sign and return this addendum. You may call Willie Moon, Senior Procurement Agent, at (404) 371 - 7021 before the bids are due to confirm the number of addenda issued.

D. All other conditions remain in full force and effect.

Willie Moon
Senior Procurement Agent
Department of Purchasing and Contracting

WM:MNB

ACKNOWLEDGMENT

Date: _____

The above Addendum is hereby acknowledged:

(NAME OF BIDDER)

(Signature)

(Title)