



The County of DuPage  
Finance – Procurement 3-400  
421 North County Farm Road  
Wheaton, Illinois 60187-3978

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TRENCHLESS REHABILITATION AND MAINTENANCE OF PIPELINE INFRASTRUCTURE 23-065-PW  
ADDENDUM 3

Modifications to Contract Documents

SECTION 6 – SCOPE OF SERVICES:

Although the Scope of Services section reflects the needs and requirements of the County, OMNIA Partners Participating Agencies may have different requirements. Each Offeror awarded under this solicitation may offer their complete product and service offering or balance of line for Trenchless Rehabilitation and Maintenance of Pipeline Infrastructure.

The type of work that could be requested by Participating Public Agencies include but is not limited to:

- Cured-In-Place Pipe (CIPP) Rehabilitation of Sewer Pipelines,
- Spin Cast Geopolymer Pipelining,
- Manhole Rehabilitation, and
- Gravity Sewer CIPP Lateral Renewal System

DuPage County further reserves the right to reject any and all bids or parts thereof, to waive any irregularities or informalities in bidding procedures and to award the contract in a manner best serving the interest of the County.

Special Offers/Promotions

In addition to decreasing prices for the balance of the Contract term due to a change in market conditions, Contractor may conduct sales promotions involving price reductions for a specified lesser period. Contractor may offer Participating Agencies competitive pricing which is lower than the not-to-exceed price set forth herein at any time during the Contract term and such lower pricing shall not be applied as a global price reduction under the Contract.

General Questions

1. Please provide turn-key service item information such as bypass length for pressure pipe lining, amount of services with sizes and amount/location of pit excavations for CIPP (potable water pressure pipes).

Answer: Item information will vary by job and request.

2. Please clarify if there is if the County intends on awarding multiple contractors for the services described.

Answer: The County intends on awarding multiple contractors.

3. Is there a minimum expected length of CIPP lining for pressure pipe?

No, length will vary by job and request.

4. How immediate is this opportunity? What is the expected time for the start of the first project for CIPP lining/pressure pipe? Is the contractor expected to have certain quantities available?

Answer: The County anticipates awarding contractors in December 2023, start time and on-hand materials requirements will be job specific.

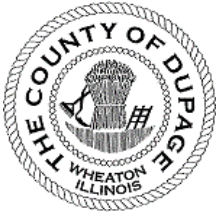
5. Will the County allow for re-negotiation of contract as per updated site conditions (hydrants, valves, location, scope)?

Answer: The County is open to consideration for re-negotiation in regard to site conditions.



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6. Can the design parameters please be specified for CIPP lining in both potable and non-potable pressure pipe.
- Answer: No, parameters will vary by job and request. However, for the Sanitary Sewer Lining, the minimum thickness is stated, plus additional thickness if the design requires a greater thickness. For the pressure pipe, those variables will be provided at the time of the job.
7. In section 1.01 paragraph F, specification requires “The contractor shall ensure that the new pipe’s vertical and horizontal alignment as indicated on the plans and/or as existing in the field in accordance with these specifications.” Would the owner stipulate that the contractor cannot control grade or alignment to meet any other vertical or horizontal alignment than the existing vertical or horizontal alignment?
- Answer: Correct, the County agrees that contractors cannot control grade or alignment to meet any other vertical or horizontal alignment than the existing vertical or horizontal alignment.
8. In section 1.06 paragraph A item 6 the specifications require calculations to determine pipe thickness (SDR). In section 2.01 paragraph A item 4, the specifications require minimum thickness of HDPE pipe to be SDR of 19 for depths less than 16’ and SDR 17 for depths greater than 16’. Would the owner forego the need for calculations so long as the contractor maintains the minimum thicknesses required in Section 2.01?
- Answer: Calculations are required to confirm minimum thickness is acceptable.
9. In Section 3.04 paragraph A, the specification requires correction of sags or collapse in the existing sewer. Would the owner stipulate that these repairs would be paid for separately and in addition to the unit prices for pipe bursting?
- Answer: Specification reads:” Correction will be accomplished by point repair” There are prices for Point Repairs.
10. Can you provide an excel spreadsheet of the 539 bid items?
- Answer: Yes, an excel spreadsheet has been attached.
11. A significant cost for CIPP rehabilitation is service reinstatements, however, there is not a bid item for this critical cost. Can you please add the following two bid items?
- 37.1 Service Reinstatement in 6” – 18”
  - 37.2 Service Reinstatement in larger than 18”
- Answer: Lines have been added for diameter pipe for one each. These two items will be added to the bid sheet in Section A.
12. On the pre-proposal conference call on 11/2, it was stated that the submissions could be submitted via email to [Nickon.Etminan@dupagecounty.gov](mailto:Nickon.Etminan@dupagecounty.gov). This lines up with the instructions given on page 1 of 278 which states, “Procurement will accept electronic bid submissions (by email) and electronic signatures.”
- Can you please remove the following from the “Submittal Checklist” on page 3 of 278: “Original signed bid with one (1) PDF on Flash Drive”?
  - Can you please remove the following from page 165 of 278: “Proposals delivered to the County should include one (1) compete paper copy and one (1) electronic copy on a flash drive”?
  - The submittal will be very large, and the PDF will not be able to be attached to an email. Can you confirm it’s acceptable to email a link to the PDF?



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Answer: If bids are submitted electronically to [Nickon.Etminan@dupagecounty.gov](mailto:Nickon.Etminan@dupagecounty.gov) no pdf or flash drive will need to be submitted. Flash drives are only required if a hard copy of the bid is submitted. No links will be accepted for electronic bid submission.

13. Are we allowed to submit pricing for individual items within the different Sections or do we have to provide pricing for each item within the Section?

Answer: Contractors may bid single items within sections.

14. What is the RS Means Multiplier at the end of the bid form and how does it apply to the pricing on this contract?

Answer: RS Means is a database cost estimating tool. Some Contractors use a co-efficient to determine additional pricing for construction projects that is based on RS Means data. If this is not applicable to the Offeror's standard business practices, Offeror can submit N/A for the RS Means Multiplier section.

15. Does Section R – Crew Travel & Mobilization apply to each Section pricing, regardless of the location of the work?

Answer: Crew travel and mobilization shall include per diem food and lodging for job where the crew has to travel.

16. In Section I:

- a. Is the Item description (30", 36", 42", etc.) referring to diameter of the repair or the length of the repair?

Answer: Yes, the item is referring to diameter.

- b. Are these repairs internal or external? Internal.

Answer: Yes, these repairs are internal.

17. The items in Section G – Manhole Replacement do not pertain to manhole work but refer to CIPP, restoration, traffic control, & crane items. Please advise.

Answer: Items covered in Section F, Point Repair by Excavation.

18. In Section C/D:

- a. Are line items 56-63 also for sanitary sewer?

Answer: Yes, items 56-63 are for sanitary sewer.

- b. Are line items 56-70 applicable for pre-clean & TV as necessary for Section A work?

Answer: Yes, items 56-70 are applicable for pre-clean & TV as necessary for Section A work.

19. How is restoration paid for? Does the restoration pricing in Section G apply as needed to the pricing in the other sections?

Answer: Yes, the restoration pricing in Section G does apply for other sections.

20. Is traffic control pricing in Section G apply as needed to the pricing in other sections?

Answer: Yes, the traffic control pricing in Section G does apply for other sections.



21. Section Q on the bid form is for ROW maintenance, but Section Q in the specifications is for Geopolymer Pipe & Culvert Lining. Please advise.

Answer: Section Q in the specifications correlates to section S on the bid form.

22. Since there are no actual locations of work provided, if a Participating Public Agency wants to perform a project that has site specific constraints that will not allow us to use our submitted pricing are we allowed to turn down the work?

Answer: Yes, Contractor's may turn down work when they need to. Bidder's may also submit additional pricing information to help capture other products, services, or project requirements. See page 17 of the solicitation under the Evaluation Criteria Price section for additional details.

23. For Section A pricing, please confirm that the following interpretation is correct:

a. For a hypothetical 200 LF of 8" x6.0mm CIPP installation in a back yard with 10 service connections that had root/grease issues, the following pricing structures will apply:

i. 200 LF of Item 2 (8" x 6.0mm)

ii. 200 LF of Item 27 (6" – 12" CIPP Setup Charge Per Install Length)

iii. 200 LF of Item 28 (6"-10" Backyard Easement Setup Per Install Length)

iv. 1,600 IN/DIA/FT of Item 34 (CIPP Short Length Add-on (<300 LF))

v. 200 LF of Item 57 (8" Clean and TV) (this is for pre-TV?)

vi. 200 LF of Item 71 (6" – 18" Post TV Inspection After Rehabilitation)

vii. 200 LF of Item 75 (Root/Grease Removal 6" – 12")

viii. 10 EA of Item 169 (Internal Reconnects)

Answer: Would use Item 28, not 27, service reinstatement has been added to Section A, everything else would be correct.

24. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Item 1.01 Approved lining Materials:

a. Will A.W. Cook lining materials be considered as an "As Equal"? -See attached TDS sheet for Cemtec Silatec MSM

Answer: Not until after project bids.

25. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Item 1.01 Approved lining Materials:

a. Will Geotree lining materials be considered as an "As Equal"? -See attached TDS sheet for Geospray Geopolymer Mortar.

Answer: Not until after project bids.

26. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Item 1.01 Approved lining Materials:

a. Will Madewell lining materials be considered as an "As Equal"? -See attached TDS sheet for Madewell ML72.

Answer: Not until after project bids.



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27. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Item 1.11 Spraying, 1<sup>st</sup> Application A, 2<sup>nd</sup> Application B:

- a. Typical manhole rehabilitation allows for the application of materials up to 3” during one application. Will the contractor be allowed to completely apply the specified ½” of material, followed by troweling and optional brush finish if recommended by the manufacturer?

Answer: First application is for patching.

28. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Item 1.11 Spraying, 3<sup>rd</sup> Application C:

- a. Will the invert of the pipe require ½ application?

Answer: No, just for the bench.

29. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Item 1.12 Curing:

- a. The application of manhole rehabilitation materials does not require the absence of overhead Traffic for a period of 24 hours after reconstruction is complete.

Answer: If allowed by the product manufacturer, traffic will be allowed.

30. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Item 1.15 Final Acceptance Testing – Perform an exfiltration test as follows:

- a. Exfiltration Testing is not typically performed on manholes that have been rehabilitated with mortar applications. Will Vacuum Testing be an acceptable form of acceptance testing?

Answer: Yes, Vacuum Testing be an acceptable form of acceptance testing.

- b. What is the percentage of manholes that will require acceptance testing other than a visual verification of the absence of leaks? i.e.: 10% of completed manholes to be tested?

Answer: Typically, 10% of manholes are tested. However, since we do not know the number of manholes to be repaired, that can be discussed if there is a large number of manholes to be repaired.

31. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Part 2 Epoxy Application, 3.05 Application of Coating, Item A: “Coatings are to be applied with the following thickness: Quadex Hyperform Cementitious Product ½” thick and Raven 405 80 mils thick.”

- a. Is Quadex Hyperform Cementitious Product the only acceptable product or is there an “as equal?”

Answer: Bid on specified product.

- b. Is Raven 405 the only acceptable product or is there an “as equal?”

Answer: Bid on specified product.

- c. Is the application of ½” cementitious product paid separately or as part of the Epoxy lining pay item?

Answer: No, see page 83 of the specifications.

- d. Will the contractor be paid under bid item #380 & #384 for the application of ½” cementitious manhole rehabilitation separately?

Answer: Contractors will be paid separately.



32. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Part 2 Epoxy Application, 3.05 Application of Coating, Item D: “Specified surfaces shall be coated by spray application of a moisture tolerant, solvent-free; 100% solids epoxy protective coating as further described herein. Spray application shall be to a minimum wet film thickness of 100 mils and an average wet film thicknesses of 125 mils.”

a. This is in direct contrast to the thickness described in section 3.05 Item A.

Answer: This should read, 80-125 mils depending on the structure’s material as specified in Section 3.06D.

33. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Part 2 Epoxy Application, 3.07 Testing and Inspection, B Holiday Testing: Will all structures rehabilitated with Epoxy be required to receive a Holiday Test or only a percentage of manholes?

Answer: Typically, 10% of manholes are tested. However, since we do not know the number of manholes to be repaired, that can be discussed if there is a large number of manholes to be repaired.

34. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Part 2 Epoxy Application, 3.07 Testing and Inspection, C Bond Strength:

a. The specifications call for the bond testing at regular intervals every 200 ft. Is this limited to a single structure or per 200 ft installed?

Answer: Should read “every 200SqFt.

b. The payment quantity is based on a SQFT application – how will the testing be measured if required at every 200 ft. intervals?

Answer: Should read “every 200SqFt.

35. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Part 3 Modified Polymer and Polyurethane/Polymeric Blend Foam Applications, 3.04 Inspection, A “Final liner system shall be completely free of pinholes or voids. Liner thickness shall be the minimum value as described herein.”

a. Is holiday testing required to determine if the system is free of pinholes or voids?

Answer: Yes, Holiday Testing is required.

b. How will the inspector determine the final liner thickness?

Answer: Section 3.03C, minimum of 500 mils.

36. Section N – Manhole, Access Portal and Wet Well Renewal Systems, Part 3 Modified Polymer and Polyurethane/Polymeric Blend Foam Applications, Item 1.05 Quality Assurance:

a. Is there a minimum installation footage requirement or reference requirement for the contractor/applicator?

Answer: Minimum of 500 manholes are required.

37. Section Q - Geopolymer Pipe & Culvert Lining, 1.1 Description of Work and Product Delivery, Part A: “This PSG covers all work necessary to furnish and install the SAPL. The contractor shall provide all materials, labor, equipment, and services necessary for traffic control (if required), bypass pumping and/or diversion of flows, cleaning, measuring, and television inspection of sewers to be rehabilitated, SAPL installation, reconnection of service connections, all quality controls, provide samples for performance of required material tests, final television inspection, testing of the rehabilitated pipe system, warranty work and other work, all as specified herein.”



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- a. Various items covered by the specification requirements can be calculated (IE quantity of materials per required thickness, labor requirements for SAPL), and others are variable based on location and site conditions (traffic control requirements, bypass pumping/diversion of flows, removal of debris (cleaning)). Will you consider adding additional items for these variable items to allow for contractors to provide pricing for the SAPL application of materials without having to assume site location conditions on a per foot basis?

For example: Culverts located underneath county highways with heavy flows (streams) can require more traffic control, by-pass, and cleaning, than culverts located in residential areas that only provide stormwater transport and are generally free of debris.

Answer: There are items for traffic control, bypass pumping, heavy cleaning in other sections which are applicable to this work.

38. Section Q - Geopolymer Pipe & Culvert Lining, 1.3 Performance Work Statement (PWS) Submittal, A – 6: Engineering design calculations:

- a. Will the engineering design calculations require stamping by a licensed engineer?

Answer: Yes, the engineering design calculations require stamping by a licensed engineer.

39. Section Q - Geopolymer Pipe & Culvert Lining, 2.3 Preparation and Support Materials, B Infiltration Control (heavy):

- a. Will injection grouting be paid separately (item #388)?

Answer: Yes, item # 388 requires injection grouting be paid separately.

40. Section Q - Geopolymer Pipe & Culvert Lining, 3.3 Finish, Item D: no direction is provided, or should information conflict, these manholes are to be lined with a minimum thickness of 1-inch.

- a. Will the contractor be paid for manhole rehabilitation (item #380) for these structures?

Answer: Yes, the contractor be paid for manhole rehabilitation.

41. Section Q - Geopolymer Pipe & Culvert Lining, 3.3 Finish:

- a. If a culvert opens to a flared end (steel) or headwall, will the end structures be required to receive a coating of geopolymer materials?

Answer: Depends on the job and the condition of the FES or head wall.

42. Section Q - Geopolymer Pipe & Culvert Lining, 3.5 Testing of Installed SAPL, Item B – “It is recommended that three samples be tested at 7 days, three at 28 days and 3 retained as directed by the contractor.

- a. Who will be responsible for retaining the 3 samples and for how long will they be retained for?

Answer: Typically, they remain on site if we get bad breaks at 7 or 28 days we can retest.

43. Do you know the approx. length and diameter of the watermain to be lined? I didn't see anything on the price sheet.

Answer: Diameter is specified in items 267-277; Length will depend on the job.