

AUGUST 2, 2021

CONTRACT NO. 1726

**CIPP REHABILITATION OF PORTIONS OF THE MONONGAHELA
SUBAQUEOUS INTERCEPTOR**

ADDENDUM NO. 2

All bidders bidding Contract No. 1726 shall read and take note of this Addendum No. 2. The Contract Documents for **Contract No. 1726 – CIPP Rehabilitation of Portions of the Monongahela Subaqueous Interceptor** are hereby revised and/or clarified as stated below.

Acknowledgement of Contract No. 1726; Addendum No. 2

The Acknowledgement attached to Addendum No. 1 is to be signed and returned immediately via email to Kathleen Uniatowski at contract.clerks@alcosan.org and acknowledged with Bidder's Proposal.



Michael Lichte, PE
Director – Regional Conveyance

**ACKNOWLEDGEMENT OF
CONTRACT NO. 1726
CIPP REHABILITATION OF PORTIONS OF THE MONONGAHELA
SUBAQUEOUS INTERCEPTOR
ADDENDUM NUMBER 2**

FIRM NAME: _____

SIGNATURE: _____

TITLE: _____

DATE: _____

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A. Article 1 – Bidding Documents

1. *(No Items)*

B. Article 2 – Information for Bidders

1. *(No Items)*

C. Article 3 – General Contract Conditions

1. *(No Items)*

D. Article 4 – Contract Agreement

1. *(No Items)*

E. Article 5 – Bonds, Certificates, and Statements

1. *(No Items)*

F. Article 6 – Technical Specifications

1. *(No Items)*

G. Article 7 – Prevailing Wage Determination

1. *(No Items)*

H. Contract Drawings

1. *(No items)*

I. Questions

- 1. How many and what Vertical Feet of Aluminum Access Risers does the Contractor need to provide?**

Answer: The contractor will need to provide the aluminum access risers required to support the contractors approved sequence of CIPP lining installation. The vertical feet of the aluminum access risers vary as shown on sheet S-002 depending on the elevations at each access port location.

- 2. The Exterior and Interior Shoring on pg. S-004 doesn't have any details of thickness, type materials or any other. Is there some?**

Answer: See technical specification section 02151 – Shoring, Sheeting, and Bracing. As stated in technical specification 02151, section 1.01.B, the Contractor shall provide a submittal detailing the site-specific shoring, sheeting and bracing requirements.

- 3. The Cover/Hatch on S-002 Section A "Full Unit" shows a "Halliday Products F1C Hatch or equal, none of these type hatches are designed for this application, any thoughts or direction?**

Answer: See sheet S-003 detail 3/S-003 for a catalog cut sheet of the F1C Access Hatch. Additional details of the F1C Access Hatch are also shown on sheet S-003.

- 4. Can you clarify MBE or WBE participation?**

Answer: The goal of the Authority is that 10 to 25 percent of all dollars relating to its contracts be awarded to minority or women's business enterprises.

- 5. Would the district consider bidding the unwater structures as one line-item lump sum?**

Answer: Contractors are advised to bid the items in accordance with the bid documents.

- 6. Just to fill the liner for the 4,746 feet of 30 inch will require 14,522 gallons. The water from the water cure will contain STYRENE. Not sure how far downstream your treatment plant is located but killing of the bugs has occurred from water cure CIPP. During the inversion process RAW RESIN containing STRENE will be touching every surface of the Aluminum Access, the new structure and the entire section lined. One leak will cause the excess resin to be discharged into the river. Recommend changing the specifications to green resins.**

Answer: Contractors are advised to bid this project based on the Contract requirements contained in the bid documents. All materials are required to go through the submittal process after selection of the contractor.

7. Will the district accept UV Cure instead of water inversion as an approved or equal?

Answer: Contractors are advised to bid this project based on the Contract requirements contained in the bid documents.

8. Can the contractor use River water for Water cure? Does the river water have to be filtered? Is a permit required to draw river water?

Answer: See Article 2 – Information for Bidders, Section 2.46 Special Notice Regarding Water Use. The contractor shall be responsible for all use and obtainment and payment for all permits and payments required for such use in order to acquire water for cleaning and construction purposes on this project. Contractor may be required to submit to the DEP a Pollution Prevention and Contingency plan (PPC) for the CIPP lining process. Contractor may be required to put together a pollution control plan to ensure that no curing water enters the river. If the Contractor elects to withdraw water from the river it is the Contractor's responsibility to notify DEP and may be required to register that use with the DEP.

9. Does ALCOSAN have any bore logs for the new subaqueous MH's?

Answer: The locations for soil borings are shown on the Geological Profile on Sheets G-005 and G-006. Any available information has been provided.

10. Bid Items 7 thru 10. On the plans it shows bedrock in Purple but no requirement for Piers drilled into bedrock. We highly recommend using piers drilled into bedrock to support the structures.

Answer: Proposals for alternative designs of the access ports would need to be provided, stamped by a Professional Engineer licensed in the state of Pennsylvania and submitted for approval.

11. Epoxytec requests approval for Epoxytec CPP Sprayliner / series Structural Epoxy System as an "approved" to material section 02763 Manhole Rehabilitation for concrete wet wells, sewer maintenance holes, vaults, and other structures that require field-lined epoxy – Coatings Products.

Answer: Contractors are advised to bid this project based on the Contract requirements contained in the bid documents. All materials are required to go through the submittal process after selection of the contractor.

12. Can you please confirm the elevation of the 100-year flood plain?

Answer: The FEMA 100-year floodplain is shown on the Erosion and Sediment Control plans. As noted in the Erosion and Sediment Control plans the FEMA Floodplain data was obtained on-line from FEMA GIS Web Services for the FEMA National Flood Hazard Layer (NFHL).

13. Is the installation of the manhole necessary for the bypass?

Answer: Manhole M-42A-01 will facilitate bypass pumping and shall remain in operation after construction completion.

14. What is the required flow rate to be covered for the bypass pumping?

Answer: Flow data has been provided in Appendix B. A Bypass Pumping Plan shall be developed and submitted to the Construction Manager for approval as described in contract specification section 02080- Bypass Pumping. Attention is drawn to Paragraph 1.05A – General, noting the pump and bypass lines shall be of adequate capacity and size to handle double (2x) the Peak Dry Weather flow.

Attachments:

Other:

*** END OF ADDENDUM NO. 2***