



NOVEMBER 28, 2022

CONTRACT NO. 1752

REPAIRS TO FLUID BED INCINERATOR NO. 1

ADDENDUM NO. 4

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All bidders bidding **Contract No. 1752** shall read and take note of this **Addendum No. 4**. The Contract Documents for **Contract No. 1752 – Repairs to Fluid Bed Incinerator No. 1** are hereby revised and/or clarified as stated below.

**Acknowledgement of Contract No. 1752, Addendum No. 4**

The Acknowledgement attached to **Addendum No. 4** is to be signed and returned immediately via email to **Kathleen P. Uniatowski** at [Kathleen.uniatowski@alcosan.org](mailto:Kathleen.uniatowski@alcosan.org) and acknowledged with Bidder's Proposal.

A handwritten signature in blue ink that reads "Kimberly Kennedy". The signature is written in a cursive style and is positioned above a horizontal line.

**Kimberly Kennedy, P.E.**  
Director – Engineering and Construction

**ACKNOWLEDGEMENT OF**

**CONTRACT NO. 1752**

**REPAIRS TO FLUID BED INCINERATOR NO. 1**

**ADDENDUM NUMBER 4**

**FIRM NAME:** \_\_\_\_\_

**SIGNATURE:** \_\_\_\_\_

**TITLE:** \_\_\_\_\_

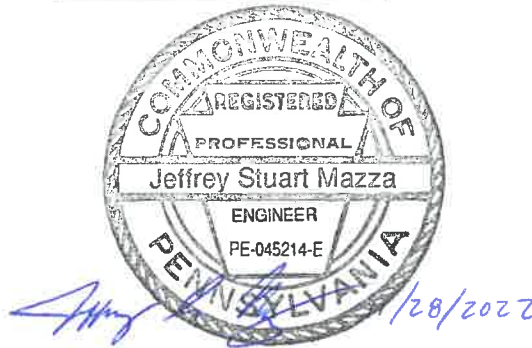
**DATE:** \_\_\_\_\_

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**REPAIRS TO FLUID BED INCINERATOR NO. 1**

**ADDENDUM NO. 4**

**A. Contract Documents**

(N/A)

**B. Contract Drawings**

(N/A)

**C. Questions**

12. *Question:* #8 on page A-1... what are they asking for when they “underlying insurance requirements for excess liability contracts”

*Response:* This may be a question best asked of your insurance agent.

13. *Question:* On Page A-5 – there is a requirement that contractor shall purchase and maintain boiler and machinery insurance, to cover the owner, subs, engineer, etc. – for \$5 mil in coverage. Is there a reason we would need to obtain this – this sounds like it would be duplicative as the Owner would carry this on their own. Also, we likely won’t have all the information from the Owner to fill out an application, and have it completed by the 12/2 bid date. Is this really necessary?

*Response:* The requirement shall stand as written.

14. Question: Define hydro test spec ?

Response: Hydro test shall satisfy the requirements listed on the reference drawings as well as the requirements of the ASME code, insurance requirements, and any other applicable entity/agency having such jurisdiction.

15. Question: Is Pneumatic Testing an Option ?

Response: No.

16. Question: Can testing be performed outside prior to coming inside building?

Response: Each tube element/array can be hydro tested before installation, but a final hydro of the completed tube bundle system (including headers) will be required to verify the field welds.

17. Question: Water source ? will site provide needed water for both testing & cleaning ?

Response: ALCOSAN will provide a source for all water.

18. Question: Define FBI Cleaning process ?? sounds like from discussions; pre-cleaning prior to your work being performed, and Post cleaning when complete ?

Response: Pre-Cleaning: The contractor shall be responsible for cleaning the ash/sand/debris deposits that remain after the owner removes the sand bed. The degree and method of this cleaning shall satisfy the contractor's need to perform the work safely and efficiently as well as the need of the owner to have their personnel/inspector perform their duties in a safe & reasonable environment. Post-Cleaning: The contractor shall remove any/all debris resulting from their work, including (but not limited to) welding rods, trash, miscellaneous materials, etc. (Essentially, once the pre-cleaning is completed, any other materials/debris that accumulate in the FBI shall be removed by the post-cleaning procedure.) Contractor shall be responsible for the disposal of any excess materials, and resultant waste, debris, etc. This also applies to the portion of the evaporator encompassing the first evaporator tube bundle.

19. Question: What stages are flush & cleaning required (for tube bundle)?

Response: At a minimum, it is assumed that the interior of each tube element/array will be cleaned/purged after fabrication (in the shop), in accordance with industry standards. Once the tube bundle system is installed/completed, the hydro water can act as a final flush. If industry standards dictate a more detailed physical or chemical cleaning, then it shall be performed by the contractor.

20. Question: Assume Confine Space ? Is Fresh Air source required ?

Response: Yes – the work areas are confined spaces. A fresh air source, if required by OSHA, shall be provided by the contractor.

21. Question: Frac Tank for waste water / space provided for Frac Tank as needed ?

Response: The contract documents define/delineate the laydown area for the contractor's use.

22. Question: Who will handle waste water disposal and post frac tank cleaning?

Response: Waste water can be dumped into our ash pits. Post Frac Tank cleaning shall be performed by the Contractor.

23. Question: What specific coating(s) do you want us to utilize on the exterior and interior of the incinerator? How hot will the surface of the tank get internally and externally?

Response: Coating types and service conditions are described in spec section 09900.

24. Question: What does the schedule look like for this scope of work? I believe it was mentioned in the contract documents around 270 days.

*Response:* 250 calendar days from the date of the notice to proceed for substantial completion, and 270 calendar days from the date of the notice to proceed for final completion.

**D. Clarifications**

(N/A)

**E. General**

(N/A)

**Attachments:**

(N/A)

**\*\*\*\*\* END OF ADDENDUM NO. 4\*\*\*\*\***