

**ADDENDUM NO. 3
TO THE BID DOCUMENTS
FOR**

**SCUM SYSTEM MODIFICATION FOR
IMHOFF TANKS AND FINAL CLARIFIERS
AT WAUKEGAN WRF AND CLAVEY ROAD
GURNEE, ILLINOIS**

Date: January 31, 2025

Bids Close: February 13, 2025, at 10:00 a.m. Local Time

TO ALL BIDDERS ON THE ABOVE PROJECT:

All Bidders submitting a Bid on the above Contract shall carefully read this Addendum and give it consideration in the preparation of Bid.

- I Following the requests for clarification sent by e-mail between 01/23/2025 and 01/30/2025, we formulate the following answers:

1. **Question:**

Per spec section 01110-1.04-H-5.C pipe is called out to be "seamless stainless steel 316L Schedule 20".

Per spec section 15216-2.01-A.1 calls out "Welded and Seamless Stainless-Steel Pipe".

Please confirm if the pipe is to be seamless.

Answer:

As per specification Section 15216, welded pipe shall be used.

2. **Question:**

Per spec section 01110-1.04-H-5.C pipe fittings are not referenced.

Per spec section 15216-2.01-B.4 pipe fitting schedule is not listed.

Please confirm what pipe fitting wall thickness/schedule is required.

Answer:

All fittings will be in the same material as the pipe, with a pressure rating no less than the pipe they will be installed on, with the schedule same as the pipe.

If the fittings are not available in the same schedule as the pipe installed, the bidder shall choose the next higher rank schedule available.

3. **Question:**

Per spec section 01110-1.04-H-5.B states "Connection with existing embedded pipes, repaired or not, shall be done using bolted pipe couplings joints in stainless steel" and also listed in Part C "bolted couplings in SS316L, restrained couplings in SS316L".

Per Addendum 2, spec section 15251-2.01-C these couplings are not offered in SS. Please confirm if SS transition couplings are to be used.

Answer:

Couplings, expansion joints (restrained or unrestrained), flange adapters and all appurtenances will be in stainless steel type 316L, similar shape or type with the ones mentioned in specification 15251.

4. Question:

Referring to the Bid Form, "Appendix 1, point B. Major Equipment Schedule" please clarify what manufacturer to use at item "I.f), Section 06525 Fiberglass reinforced Plastic Grating" considering that the named manufacturers in the Bid Form are different than the ones in specification section 06525.

Answer:

In the Bid Form, for item "I.f), Section 06525 Fiberglass reinforced Plastic Grating" the Bidder shall replace the named manufacturer (A) with one of the named manufacturers specified at 2.02.A.1. of "Section 06525 Fiberglass reinforced Plastic Grating".

5. Question:

On sheet 2-13 Plan Note 2. "...before and after the gate at max 30°. Leave a smooth surface. Treat the exposed surface with hydraulic concrete sealant in 3 layers then apply epoxy coat on all cuts".

Does this mean 3 coats of crystalline concrete waterproofing and filling overcuts with epoxy?

Answer:

After the cuts have been done at a maximum angle of 30°, the surfaces must be primed, then will have applied 2 or 3 layers of crystalline water proof mix and then 1-2 coats of concrete epoxy.

All coats shall be applied as recommended by the manufacturer of the products and according to the site, its functionality and atmospheric conditions.

6. Question:

We are requesting clarification on whether or not we're allowed to use rebar in the construction of the FRP scum pipes?

Answer:

All metal inserts to FRP scum skimmers products shall be in stainless steel type 316L. If used, metal inserts shall be covered by minimum 3/16" thick of fiberglass layer. The distance on which the covering shall expand on all sides of the metal insert shall have enough length to avoid any delamination over the life expectancy of the scum skimmer.

The Contractor shall present a fifteen (15) years manufacturer warranty against delamination and manufacturing process of fiberglass scum skimmers and he (the Manufacturer) shall take responsibility for all repairs or replacements of the damaged fiberglass scum skimmers due to delamination or manufacturing process.

7. **Question:**

How the Bidder shall price the concrete repair works in the Imhoff tanks, if the repairs are to be done at the bottom of the tank?

Answer:

- a. The unit prices included under item number 3, presented in the Unit Prices Table from the Bid Form, shall be considered for all concrete works in the project, except for Imhoff tanks, where the concrete repair works shall be considered only for the first 10 (10) feet in elevation (+2'-0") down from the walkway elevation (+12'-0").
- b. The other part, lower part, of the Imhoff tanks from the above-mentioned elevation to the bottom of the tanks shall be investigated by the Owner during this project and the possible works will be part of a different project.
In the "Informational Price List", from the Bid Form, Appendix 1, paragraph "D Information Prices", the bidder shall itemize the lines from 3.1 to 3.6 and shall indicate the prices for all those items including scaffolding and all necessary equipment and work force to do the repairs from the elevation +2'-0" down to the bottom the Imhoff tanks.

II Waukegan site visit:

1. The District will organize a site visit at Waukegan Water Reclamation Facility where the bidders could see the Imhoff tanks drained under the elevation of the 10" diameter sludge pipe.
With this occasion the bidders shall visit the other project work related places in the plant.

The visit will take place on Wednesday, 5 February, at 10 AM, at Waukegan WRF and shall be **mandatory**.

All Contractors intending to bid on this project must attend the site visit.

- III The Bidder shall acknowledge receipt of this Addendum by inserting the date and number in the spaces provided in the BID FORM.