



Purchasing Division

ADDENDUM NO. 6

DATE: June 8, 2021
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Persigo Wastewater Treatment Plant Large Repairs IFB-4910-21-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

Q1. The drawing of the Primary Clarifiers shows the HVAC to be removed in the Primary Clarifiers. Is the 42" ductwork attached to equipment that will be abandoned? Will there be any capping of any equipment or duct remaining?

A. The Contractor shall only seal the outside of the Primary Clarifier building where the Air Scrubber (not HVAC) duct passes through the block wall. No other capping of equipment inside the Primary Clarifier building is necessary as part of this work.

Q2. Work Item #9, please verify 210 ea. Bar splices are for supplemental bar?

A. That is correct. Bar splices will be as detailed on Sheet 4.5 and used to install supplemental reinforcing bar to match existing (new bar to be included in cost along with splice work).

Q3. Work Item #13, the clarifiers have 7,000 SF of additional surface preparation on the bid form, is this to pay for all resurfacing? Or a specific location, please clarify?

A. As indicated on Detail 1, Sheet 5.5, additional surface preparation (anticipated ¼ inch surface removal) is anticipated in the trough of the clarifiers, as indicated by the heavier dashed line within the trough.

Q4. Will we be required to include tenting as weather protection of the clarifiers in the base bid?

A. Weather protection of the clarifiers will be the Contractor's option. If the coating work is done with the dome in place, there will be no need for weather protection. During the dome removal, the coating will need to be protected. Similarly, if they do not provide protection and they have schedule delays, then the Contractor will be hit with the LD penalty.

Q5. Can the provided Sequencing be altered with the exception of the North wall in the FE Basin?

A. Yes, the provided Sequencing Schedule may be altered. The North wall of the FE Basin shall be completed first.

Q6. Will additional drawings be provided detailing coating on sludge basin? Will resurfacing be required/anticipated and how will it be paid for?

A. Additional drawings and details will be provided for any unique conditions which cannot be installed similar to the Primary Clarifiers. As indicated on Sheet 6.2-REV1, please reference Primary Clarifier Sheet 5.7 for details of how coating is to be terminated and required surface preparation.

Q7. If alternate coating systems are accepted (Items 30,31,12a,30a, & 31a), will there be an increase in calendar days for completion....if so, how many?

A. Item #30 (Add Alternate to install coating at clarifier slabs) and Item #31 (Add Alternate to install coating at Sludge Blending Tank walls and slab) are additional square footages of coating, and we anticipate an increase of calendar days for completion. We estimate an additional 8 weeks for Item #30 (4 weeks at each clarifier, for a total of 8 weeks), and 3 weeks for Item #31. For Item #12a (installation of alternate coating system for Bid Item #12, clarifier walls), Item #30a (installation of alternate coating system for Add Alternate Item #30, clarifier slabs), and Item #31a (installation of alternate coating system for Add Alternate Item #31, sludge blending tank), we do not anticipate an increase in calendar days for completion in addition to the base coating timelines.

Q8. Planning Dept. has stated it will take 10-15 days to complete the review for building permit. Is it possible for the City of Grand Junction start the review early and prior to the project award?

A. The City will start the building permit application for demo of the domes prior to the project award.

Q9. Has the FE basin had an asbestos inspection? The Demo permit requires that one be performed. Who is responsible for this?

A. The FE Basin has not been inspected for asbestos. This structure has no coating, and was constructed in the early 1980's. The City will speak with the Mesa County Building Department to verify if an asbestos inspection and building demo permit is required for demolition of the FE Basin walls.

Q10. Section 09 97 23, Part 2, 2.2 Immersion-Grade Coating, B- Base Bid, #2 Primer – does not comment on moisture mitigating primers, the manufacturers have commented they should be considered? Or are we to rely solely on the manufacturer's discretions?

A. If a moisture mitigating primer is necessary based on the manufacturer's recommendations, one should be included in the bid.

Q11. Section 09 97 23, Part 2, 2.2 Immersion-Grade Coating, Base Bid: #4 Finish Coat – calls for an aliphatic finish coat per manufacturer's recommendations. Raven has recommended not to apply the finish coat due to the limited recoat window of the Raven 506, is this acceptable? If not, please respond with procedure?

A. Correspondence with Raven indicates that the Raven 506 has a very short re-coat window, and additional preparation may be necessary if the subsequent coating is not applied within that window. Aliphatic finish coat shall be installed where specified, any additional work to prepare surfaces prior to application due to re-coat windows in order to maintain robust adhesion are the responsibility of the

contractor. No additional procedure will be provided at this time. Should it become necessary during the project to prepare the Raven 506 prior to installing the aliphatic finish coat, the Engineer will review the procedure presented by the contractor and manufacturer, but no change order will be approved for such work.

Q12. Section 09 97 23, 1.5 WARRANTY, A. 1. b. Warranty Period: 10 years base bid, 5 years alternate. Is the "alternate" the alternate product or alternate warranty?

A. A clarification of the warranty terms has been provided in Specification Section 09 97 23, for both the Primary Clarifiers and the Sludge Processing Blending Tank.

Q13. The installation of the helical anchors calls for a minimum of 2" into existing concrete, if rebar is encountered while drilling the holes for the anchor, what is the recommended procedure?

A. Avoid reinforcing by locating prior to installation. If rebar is encountered, the hole shall be plugged using adhesive (Specification Section 03 21 00) and a new hole drilled a minimum of 1-inch away.

Q14. In 01 00 00 - Part 2 Products - 2.1 General, substitutions can be submitted with bid form. Can we or should we submit substitutions prior to bid date?

A. No. Bids shall be based on specified materials, alternates considered if awarded project. For the Primary Clarifiers (Structure "5") and Sludge Processing Building (Structure "6"), reference Specification Section 01 25 00 for "Substitution Procedures".

Q15. Is there an estimated quantity of existing leaking cracks – work item #10? Scope of work to be included in this work item.

A. Please refer to Addendum No. 5, Question 1.

Q16. Primary Clarifiers and Sludge Processing Building Slab Coating: To warranty the floor the required CSP will need to be a CSP7-8 or include cutting 1/4x1/4 groves at a 45-degree angle, in a grid pattern to promote high adhesion. This would also increase the required minimum mil thickness from 125mils to 150mils minimum to provide adequate coverage. Can we get an updated scope of work and warranty description for any slab coating work?

A. Based on discussions with the product manufacturer for the Base Bid coating, the required CSP at the slab will be increased from the walls, to a CSP 5-7. Note that the drawings and specifications have been modified accordingly. Given a CSP 5-7 for the Base Bid coating, there will be no need for cutting of grooves at a grid pattern at the slabs. Please note that the minimum DFT outlined in the specifications is based on the selected coating manufacturer and is measured at the "peaks" of the concrete surface profile following preparation. Based on discussions with the various product manufacturers, clarifications to the minimum DFT and surface preparation have been provided in Specification Section 09 97 23 for both the Primary Clarifiers and the Sludge Processing Blending Tank.

Q17. Does the WWTP use a specific landscaper to maintain the sprinkler system?

A. Persigo itself maintains the sprinkler system.

Q18. I saw the updated Addendum #5 Schedule of values. Could you please clarify the subtotals in your Addendum #4 Add Alternates and Release a complete final bid schedule?

A. The subtotal for the Add Alternate bid items will be included with the overall base bid subtotal. The City will have the option to include or not include these items in the overall project. The Bid Alternates will be substituted for the base bid/add alternate items to identify the lowest overall cost of the project. The updated Base Bid, Add Alternate and Bid Alternate Schedules are attached to this Addendum.

Q19. You have a total for items 30 and 31. While items 12a, 30a, and 31a do not have a total. Is that the intent that those three stand alone? Also, does the wording need to be changed for either item 31 or 31A, because they both have the same description?

A. See the answer to Q18. The Add Alternates and Bid Alternates have been updated and included in this addendum.

20. Contractor shall utilize the attached updated/modified Addendum 6 Base Bid, Bid Alternate, and Add Alternate Price Bid Schedules when submitting their bid response.

21. Attachments: (Click Links)

- [Sludge – REV1 Drawings](#)
- [Sludge – REV2 Immersion-Grade Concrete Coating Specifications](#)
- [Clarifiers – REV2 Drawings](#)
- [Clarifiers – REV2 Immersion-Grade Concrete Coating Specifications](#)

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado

Bid Schedule: Persigo WWTP Large Repairs w/ FE Basin Walls (Addendum 6)

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	3-1	Concrete Corner Spall Repair	46.	SF	\$ _____	\$ _____
2	3-2	Concrete Coping Repair	4.	SF	\$ _____	\$ _____
3	3-3	Installation of New Anchors	39.	EA	\$ _____	\$ _____
4	3-5	Sealant Installation	780.	LF	\$ _____	\$ _____
5		North Dividing Wall Demolition/Removal		Lump Sum	---	\$ _____
6		North Dividing Wall Installation		Lump Sum	---	\$ _____
7		South Dividing Wall Demolition/Removal		Lump Sum	---	\$ _____
8		South Dividing Wall Installation		Lump Sum	---	\$ _____
9		Splice of Slab L-Bars at North & South Wall	210.	EA	\$ _____	\$ _____
10		Address Existing Leaking Cracks (Urethane Grout Injection)	100.	LF	\$ _____	\$ _____
11		Install New Catwalk at South Dividing Wall		Lump Sum	---	\$ _____
12	5-1	Installation of Coating System at Primary Clarifier Walls	15,400.	SF	\$ _____	\$ _____
13		Additional Surface Preparation	7,000.	SF	\$ _____	\$ _____
14	5-3	Removal of Dome and Entrance Extension	2.	EA	\$ _____	\$ _____
15	5-5	Installation of Guardrail	760.	LF	\$ _____	\$ _____
16	5-6	Installation of New Grating	60.	SF	\$ _____	\$ _____
17		Patch Wall at MEP Penetration		Lump Sum	---	\$ _____
18		Concrete Repairs	180.	SF	\$ _____	\$ _____
19		Crack Sealing	1,000.	LF	\$ _____	\$ _____
20	6-1	Installation of Coating System		Lump sum	---	\$ _____
21	6-2	Replacement of Connections at Perimeter Beams (North & West Elev)		Lump sum	---	\$ _____
22	6-4	Replacement of Connections at Main Beams (North and West Elev)		Lump sum	---	\$ _____
23	6-6	Sealant Installation	160.	LF	\$ _____	\$ _____
24	6-3	Replacement of Connections at Perimeter Beams (East Elevation)		Lump sum	---	\$ _____
25	6-5	Replacement of Connections at Main Beams (South & East Elev)		Lump sum	---	\$ _____

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Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
26		Sanitary Facility	2.	EA	\$ _____	\$ _____
27		Access		Lump sum	---	\$ _____
28		Mobilization		Lump sum	---	\$ _____
29		General Conditions (Protection, Access, Temporary Removal and Reset of Utilities)		Lump sum	---	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ 235,000.00

Bid Amount: \$ _____

Base Bid Amount:

_____ dollars

Bid Schedule: Persigo WWTP Large Repairs w/ FE Basin Walls (Addendum 6) (Bid Alternates)

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
12a	5-1	Installation of Alternative Coating System at Primary Clarifier Walls (Bid Alternate)	15,400.	SF	\$ _____	\$ _____
30a	5-2	Installation of Alternative Coating System at Primary Clarifier Slabs (Bid Alternate)	20,600.	SF	\$ _____	\$ _____
31a		Installation of Alternative Coating System at Sludge Blending Tank Interior (walls and slab) (Bid Alternate)	4,500.	SF	\$ _____	\$ _____

Bid Schedule: Persigo WWTP Large Repairs w/ FE Basin Walls (Addendum 6) (Add Alternate)

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
30	5-2	Installation of Coating System at Primary Clarifier Slabs (Add Alternate)	20,600.	SF	\$ _____	\$ _____
31		Installation of Coating System at Sludge Blending Tank Interior (walls and slab) (Add Alternate)	4,500.	SF	\$ _____	\$ _____

Add Alternate Amount: \$ _____

Add Alternate Amount: _____ dollars