

ADDENDUM NO. 6

**CITICO PUMP RELIABILITY IMPROVEMENTS
City of Chattanooga Project W-16-013-201
Burns & McDonnell Project 95307**

CITY OF CHATTANOOGA, TENNESSEE

The following modifications are hereby introduced as part of the Contract Documents:

- 1) Specification Section 01 51 43 – Temporary Bypass Pumping
 - a. Delete Paragraph 2.01.B and replace with the following:

“B. Bypass pumps shall accommodate the pumping of solids of a size up to, but not exceeding, a diameter of 5 inches.”
 - b. Delete “one standby pump of each size” in Paragraph 2.01.C and replace with “two standby pumps of each size.”
- 2) Specification Section 09 90 00 – Protective Coatings
 - a. Immediately after Paragraph 2.04.E, add the following:

“F. System L-4:
 1. Item: Fiber Reinforced Duct. Exterior Exposure:
 - a. Reference: Specification 23 31 16 and Mechanical Drawings
 - b. Location: As Indicated.”
 - b. Immediately following this Section, add the attached “Protective Coating System L-4.”
- 3) Specification Section 23 42 00 – Air Phase Filtration
 - a. To the end of Paragraph 2.01.A add the following:

“, materials of construction to be FRP or Polypropylene with matching material carbon retaining screen, stainless steel hardware, internal grounding rod, removable lid with minimum (6) empty/fill ports and drain.”
 - b. Immediately after Paragraph 2.01.A.1.c, add the following:

“d. Perry Fiberglass Products, Inc.”
- 4) Specification Section 31 23 19 – Temporary Construction Dewatering
 - a. Delete Paragraph 3.06 in its entirety.

- 5) Specification Section 32 23 23 - Grinders
 - a. Immediately after Paragraph 2.01.A, add the following:
“B. Franklin Miller.”

The following documents are enclosed herein for reference:

- 1) Question and Response No. 4

END OF ADDENDUM NO. 6

June 27, 2017

/s/ Justin C. Holland, Administrator
City of Chattanooga
Department of Public Works

Please acknowledge receipt of all addenda in your submitted Bid Form.

Only questions answered in writing by Addenda will be binding.

Addendum Prepared By
BURNS & MCDONNELL
June 27, 2017



PROTECTIVE COATING SYSTEM

System: L-4

SERVICE: Fiberglass-Reinforced (FRP) and Polyvinyl Chloride (PVC) Piping – Interior/Exterior Exposure (Nonimmersion)

Surface Preparation: Field First Coat: Sand lightly. Clean and dry.

First Coat: High build polyamide epoxy with minimum 50% solids by volume. Apply at 4.0 to 6.0 mils (100 to 150 microns) dry film thickness.

Second Coat (Interior): None required.

Second Coat (Exterior): High solids aliphatic acrylic polyurethane gloss enamel with minimum 52% solids by volume. Apply at 2.0 to 3.0 mils (50 to 75 microns) dry film thickness.

System Total: Interior: Minimum 4.0 mils (100 microns) dry film thickness.
Exterior: Minimum 6.0 mils (150 microns) dry film thickness.

Volatile Organic Content: Maximum 3.5 lb/gal (425 g/L)

COATING MANUFACTURER	PRODUCT DESIGNATION	
	FIRST COAT	SECOND COAT EXT.
PPG	Amercoat 2 or 400	Amercoat 450 H
Carboline	Carboguard 893 SG	Carbothane134 HG
Ceilmate	650FDA Ceilmate	477 Ceilmate
Devco - AkzoNobel	Devran 224 HS	Devthane 389
International	Intergard 475 HS	Interthane 990 Series
ITW Devcon Futura	Flexshield Primer 4484	Flexshield 1000
Sherwin-Williams	Macropoxy 646 B58 W600 Series	Acrolon 218 HS B65-600 Series
Tnemec	High Build Epoxoline 66 HS	Endura-Shield II - Series 1074

QUESTION AND RESPONSE NO. 4

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The following responses are provided to bidder requests for information:

1) Specification Section 01 22 00 – Measurement and Payment

Question: Please clarify what the \$350,000 allowance includes. Per 01 22 00-1.02.A.1, “allowances cover the net cost of the services provided by a firm selected by the Owner.” Per 01 22 00-1.02.D.4, the allowance includes “installation of flow meters and ball valves”. But other discussion in Addendum #5 alludes to the fact that maybe the GC is to perform this work. So, does the GC for this contract perform the installation of these items or is all of this work to be performed “by a firm selected by the Owner” (or possibly an agreed upon change order amount with the GC for this contract)? Further, does the allowance cover the cost of the Owner-furnished materials and, if not, what is the value of the Owner-furnished materials (for insurance purposes)? Please clarify.

Response: It is the Owner’s intent to negotiate the installation of the flow meters and ball valves with the General Contractor. The allowance does not include the material cost of the equipment to be supplied by the Owner. The total value of materials to be supplied by the Owner, including flow meters, remote meter transmitters, ball valves, and valve control panels, is approximately \$415,000.

2) Specification Section 07 16 00 – Bituminous Dampproofing

Question: Please reference specification 07 16 00-1.01.A.1.a which states that the coal tar-epoxy dampproofing is shown on (but not limited to) mechanical drawing M503. I find no mention of dampproofing on drawing M503. Please clarify requirement for bituminous dampproofing as specified in 07 16 00.

Response: Refer to Drawings Sheet M503, Detail 5, Note 1. Bituminous coating shall be applied where aluminum items come in contact with concrete.

3) Specification Section 23 42 00 – Air Phase Filtration

Question: Request for addition of Perry Fiberglass Products as approved odor control system supplier.

Response: Refer to Addendum 6 Item 3.

QUESTION AND RESPONSE NO. 4

Question: Should odor control system carbon tanks be constructed of FRP or HDPE material?

Response: Refer to Addendum 6 Item 3.

4) Specification Section 31 23 19 – Temporary Construction Dewatering

Question: Per specification 31 23 19-3.06.A, we are to provide a site-specific emergency backfill plan if required by TVA guidelines. Can you please clarify if an emergency backfill plan is required for this project or specifically point me to a specific TVA guideline or TVA personnel to speak to about this matter.

Response: A site-specific emergency backfill plan will not be required. Refer to Addendum 6 Item 4.

5) Specification Section 33 32 23 – Grinders

Question: Request for addition of Franklin Miller as approved grinder supplier.

Response: Refer to Addendum 6 Item 5.

END OF QUESTION AND RESPONSE NO. 4