

**CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE
DEPARTMENT OF ENVIRONMENTAL SERVICES**

December 7, 2023

ADDENDUM NO. 1

TO: ALL BIDDERS

SUBJECT: **SOUTH WASTEWATER TREATMENT PLANT TRICKLING FILTER MEDIA REPLACEMENT**

CITY-PARISH PROJECT NO. 23-TP-MS-0039

ORIGINAL BID DATE: Tuesday, December 12, 2023 at 2:00 PM

The following revisions shall be incorporated in and take precedence over any conflicting part of the original contract document:

PART 1 – UNIFORM CONSTRUCTION BID FORMS:

1. For paper sealed bidders, with reference to page UCBF 1 of 4 of Part 1, Uniform Construction Bid Forms, the Bidder shall indicate the receipt of this addendum in the space provided. For online Central Bidding bidders, an acknowledgement of this addendum will be prompted by the electronic bidding program prior to formally submitting the bid. **Failure to indicate the receipt of this addendum shall be cause for the bid to be rejected.**

PART 2 – SPECIAL PROVISIONS AND CONTRACT DOCUMENTS:

1. For paper sealed bidders, with reference to page UCBF 1 of 4 of Part 1, Uniform Construction Bid Forms, the Bidder shall indicate the receipt of this addendum in the space provided. For online Central Bidding bidders, an acknowledgement of this addendum will be prompted by the electronic bidding program prior to formally submitting the bid. **Failure to indicate the receipt of this addendum shall be cause for the bid to be rejected.**

SPECIAL PROVISIONS

3-10 Part 1 – POLICY/COMPLIANCE: Remove the last paragraph from Section C Subcontracts.

TECHNICAL SPECIFICATIONS

1. 01 10 00 – Delete paragraph 1.5.B. and replace with the paragraph below:

The Owner shall allow a maximum of one trickling filter to be out of service at a time. The Contractor shall replace media in Trickling Filter #6 first.

2. Section 06605 – Delete paragraph 1.01.A and replace with the paragraph below:

Furnish Pultruded FRP Grating structured media support system, polyvinyl chloride (PVC) structured sheet media modules (Media Modules), protective surface grating and all other components required to complete the Work as specified in this Specification and as shown in the Construction Drawings.

3. Section 06605 – 1.03.A – Replace “Fiber Reinforced Plastic beams” with “Pultruded FRP Grating.”
4. Section 06605 – 1.06.C.7 – Delete paragraph and replace with the following paragraph:

Store pultruded FRP support grating and protective grating under cover for extended (over 60 days) storage using light colored tarps.

5. Section 06605 – Replace Section 2.03 with the section below:

2.03 MEDIA SUPPORT SYSTEM

- A. Contractor shall verify existing concrete beams and columns are acceptable for continued use.
- B. Media Support System:
The system shall be able to support a design filter load of 40 PSF per vertical foot of media and the weight of the support system and protective gratings on filter top, if any.
- C. Pultruded fiberglass grating shall be installed on the existing concrete media support beams. Nominal 12-inch wide by 2-inch tall grating shall be capable of supporting the design load. Grating shall provide 50% void space and sufficient contact with Media Modules to prevent media deformation. The FRP grating, with a net support span of 24-inch, shall have a maximum service load not less than 1,440 PSF under uniform load conditions. Product data shall be submitted to the Engineer for review. The 12 in. wide grating panels shall be installed in parallel at 24 inch centers perpendicular to the concrete beams. The beam shall have a minimum height of 2" and a minimum open area of 50%.
- D. Pultruded FRP grating shall be as manufactured by Creative Pultrusion, or equal. The media support grating design shall be stamped by a registered Structural Engineer Licensed in the State of Louisiana.

COMMENTS AND QUESTIONS

1. Can the TF media supplier supply pultruded FRP support grating in lieu of FRP support beams? Based on the site conditions, we would recommend Pultruded FRP Grating to assist with drainage and provide a larger surface for the media. FRP beams are not needed for this situation. Additionally, can the width of the concrete support beam, be provided?

Pultruded FRP support grating can be provided in lieu of FRP support beams. Language regarding FRP support beams has been removed from the Contract Documents in this Addendum.

The beams are approximately 3'7" from the ground to the bottom of the beam. The beams are approximately 13" wide and 16" tall. The beams are spaced approximately 7'8" horizontally.

The crossbeams are approximately 4'11.5" from the ground to the bottom of the beam. The crossbeam are approximately 8" wide and 10" tall. The crossbeams are spaced approximately 27" or 26.25" horizontally.

Additional pictures that show the media support system located on top of the crossbeams are included in this Addendum.

****All measurements taken near the manway entrance. Contractors are allowed to access the site to verify and/or take additional measurements as desired.***

2. The advertised spec calls out for beam to be placed on top of the existing concrete beams, when what you actually want is Protruded Grating. It also says "if needed" which adds for confusion with what each are offering.

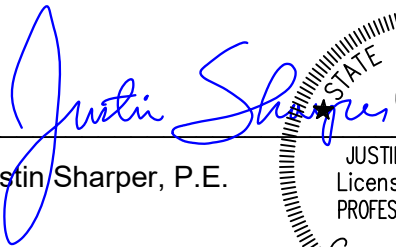
Also, can you verify the following dimensions? Inside Span between beams? Beam Width?

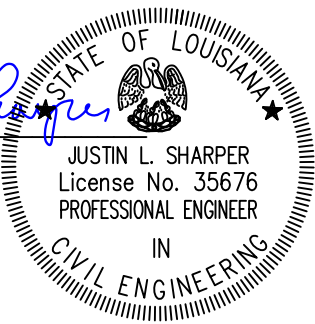
Please see response to Question #1.

Pictures of Existing Media Support System on Crossbeams



APPROVED:


Justin Sharper, P.E.



The seal is circular with a double-line border. The outer ring contains the text "STATE OF LOUISIANA" at the top and "CIVIL ENGINEERING" at the bottom, separated by two stars. In the center, there is a small emblem of a pelican feeding its young in a nest. Below the emblem, the text reads: "JUSTIN L. SHARPER", "License No. 35676", "PROFESSIONAL ENGINEER", and "IN".

12-6-23