



SUNSHINE COAST REGIONAL DISTRICT

Question and Answers #3

Request for Proposal No. 2437020

UV Upgrade Chapman Creek Water Treatment Plant

Date: September 27, 2024

Item No.1 Structural

Question: Form of Tender, Payment Item # 3.1 - 1) Please confirm this is an Aluminum Grating Platform as per Section 4, S-104 Notes and not Steel Grate Platform as mentioned in the Schedule of Prices. 2) The area of the platform is mentioned to be 24sqm while the drawing takeoffs from Section 1, S-101 suggest a larger area than this. 3) Provide the depth, thickness and spacing for the bar grating. 4) Will structural metals supporting the platform need to be covered under this cost item?

Answer: Confirmed Aluminium Section 05120 Part 2 2.1 Materials 2.1.3 Aluminum: (1) Structural shapes, handrails, and plates: Alloy 6061-T6 or 6063-T6. (2) Grating to be in accordance with American National Standards Institute (ANSI)/ National Association of Architectural Metal Manufacturers (NAAMM) Metal Bar Grating Manual. (3) Checkered floor plates: Alloy 6061-T6.

Supply Unit price based on 24m². If dimensions supplied based on-site conditions and approved shop drawings differ a revised unit price.

Item No. 2 Structural

Question: Form of Tender, Payment Item # 3.2 - Please advise if it is square metre or linear metre?

Answer: Linear metre.

Item No. 3 Structural

Question: Form of Tender, Payment Item # 3.4 - Please advise if the new door and frame are also covered under this payment item?

Answer: Yes.

Item No. 4 Structural

Question: Form of Tender, Payment Item # 3.5 - Please advise the metal works to be covered under this and what are those 15 numbers mentioned?

Answer: Section 05600 1.1 SCOPE OF WORK 1.1.1 Provide and install all miscellaneous metal shown or otherwise described on drawings including stairs, railings, frames.

Item No. 5 Structural

Question: Form of Tender, Payment Item # 3.9 - Please advise the works to be covered under this payment item?

Answer: Line item provides LS cost for retrofits to existing structure and structural elements. Alterations to the existing steel, concrete, and other structural items to support and allow install. Some items may have to be adjusted or removed and reinstalled.

Item No. 6 Structural

Question: Please advise the payment item number under which the stairs including stair handrails are covered?

Answer: Please use Misc Metals.

Item No. 7 Section 16993 and ISS Sheet

Question: MV3-1-0X to request approval of our Emerson Bettis XTE3000 as an approved manufacturer for the (2) Electric Actuators. This XTE3000 actuator is installed in several Water & Wastewater sites in Western Canada and this meets the requirements of the above referenced specification sections.

Data Sheet is located here: <https://www.emerson.com/documents/automation/data-sheet-bettis-xte3000-en-en-6002142.pdf>. Will you accept this as an approved equivalent?

Answer: The Regional District preference is pricing is provided to specifications, but we will review this option and consider it if the Proponent provides the pricing difference. It will be reasonably reviewed for use for this application.

Item No.8

Question: Any known deficiencies?

Answer: None that we are aware of.

Item No.9

Question: What is the Model information of current UV systems installed?

Answer: The UV-01 unit that is shown on the record drawings is - OZONIA AQUARY 20

Item No.10

Question: What are the approx. number of users of this water system?

Answer: 10,600 active service connections Residential Commercial Industrial - In 2021, the Chapman Water Treatment Plant produced 4.1 billion litres of drinking water.

Item No.11

Question: Drawing S102 Detail 4 notes: "Supply and install new insulated hollow steel door and door frame." It also says: "Relocate and reuse existing door and hardware with electric strike and access controls system." Can you please clarify if the door is to be new or reused?

Answer: Supply new door and frame, reuse existing hardware and control system. Allow for install of reused hardware and security controls.

Item No.12

Question: Can you please provide a layout of the locations of the aluminum HSS columns as shown on S103 detail 8?

Answer: Contractor to provide engineered shop drawings as per Section 05120 1.4.2-1.4.6.

Item No.13

Question: The transformer support steel does not have a detail to show the material sizing and attachment requirements. Can you please provide a detail for this scope?

Answer: Contractor to supply engineered shop drawings for structural steel including any supports for transformers. Contractor to provide engineered shop drawings as per Section 05120 1.4.2-1.4.6

Item No.14

Question: Can you please advise what is intended to be broken out on the tender form for the Retrofit Allowance?

Answer: Line item provides LS cost for retrofits to existing structure and structural elements. Alterations to the existing steel, concrete, and other structural items to support and allow install. Some items may have to be adjusted or removed and reinstalled.

Item No.15

Question: Can you please clarify what 15 items are intended to be included for the Misc Metals per the tender form?

Answer: Section 05600 1.1 SCOPE OF WORK 1.1.1 Provide and install all miscellaneous metal shown or otherwise described on drawings including stairs, railings, frames.

Item No.16

Question: Is there a 3D Model3 / Native Revit file available?

Answer: Not at this time, all digital design drawings may be made available to the Contractor.

Item No.17

Question: Can we have the question-and-answer period extended to October 3, 2024.

Answer: No, we have extended it until September 26th, please see Amendment No.4.

Item No.18 Section 002100 Tender & Contract Documents Item 5.1

Question: Can you please provide clarification on "A tender must be on the Form of Tender provided and be signed by the authorized signatory(s) of the Tenderer as follows: " There does not appear to be a signatory page

Answer: Please see amendment no.5; language has been updated to "A tender must be on the Form of Tender provided and must include the intent to be bound section on the cover page that is signed by the authorized signatory(s) of the Tenderer as follows:"