



SUNSHINE COAST REGIONAL DISTRICT

Question and Answers #5

Request for Proposal No. 2437020

UV Upgrade Chapman Creek Water Treatment Plant

Date: October 4, 2024

Item No.1

Question: Can you confirm the aluminium grating sizes (bearing bar, cross bar sizes and spacing. Smooth or serrated)?

Answer: Aluminium grating to be design and engineered by Contractor to meet the specification as outlined in the plans and specifications. PART 2 PRODUCTS Section 05120 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. See notes from structural drawings S100 and supplemental Design Loads Chart.

DESIGN LOADS	
READ IN CONJUNCTION WITH THE DESIGN LOADS SECTION IN THE DESIGN NOTES	
PLATFORM AND STAIRS	
SUPERIMPOSED DEAD LOAD	1.0 kPa
LIVE LOAD	4.8 kPa

Item No.2

Question: What is the brand of the distribution currently installed on-site?

Answer: MMC-A is an Allan Bradley Centreline BUL 2100. 1200A Horizontal 300A Vertical 600V 3 phase 4 wire. The inspection report provided as Appendix 1 may provide you with additional information.

Item No.3

Question: Would you be able to provide pictures of the current MMC bucket as shown below?

Answer: No, we do not have photos to provide, however the inspection report provided as Appendix 1 may provide you with additional information.

Item No.4

Question: Can we submit a response on BCBID? The cover page of the tender documents state this but page 9 only mentions hard copy.

Answer: Please see amendment no. 6.

Item No.5

Question: We need further clarification regarding a question asked below and the response. Could you please provide additional information related to item 3)?

“Question: Form of Tender, Payment Item # 3.1 - 1) Please confirm this is an Aluminium 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 take-offs 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 Aluminium: (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.”

Answer: Please see Q&A No.1 for a response.

Item No.6 Q&A No.3 Item 12 Revised Answer

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

Answer: The location of the Alum. HSS column is already specified. Please refer to Note 11 on the PLAN – PIPE GALLERY drawing (S-101) dated 2024.03.28

Item No.7 Q&A No.3 Item 13 Revised Answer

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: Refer to Section 6/drawing (S-101) dated 2024.03.28

Item No.8 Q&A No.3 Item 16 Revised Answer

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

Answer: Yes. Navisworks 3D model will be provided to the Contractor upon award and execution of written agreement(s).