



**Ministry of Public Works
Department of Works and Engineering**

**Request for Proposals
For
Tynes Bay Waste to Energy Facility – The Sea Water Screening Plant -
Band Screen Replacement**

ADDENDUM 1

Request for Proposals No.: **1512022**

Issued: **Thursday August 10, 2023**

Submission Deadline: Friday September 15, 2023 16:00:00 local time

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ADDENDUM 1

1.1 Responses to Questions Received August 09, 2023

- 1 Will the selected Band Screen Supplier provide the cathodic protection, level sensors and spray valves?**

The cathodic protection and spray valves are included in the scope of supply provided by the selected supplier.

- 2 Regarding item 5 of scope of work, does the respondent have to replace the screw stem for penstock? Can the plant be shut down to install the screw stem?**

The penstock screw stem should only be replaced out of necessity. The goal of item 5 in the scope of work is to restore the ability to raise the penstock at the main sea water intake using a turn wheel. The respondent should propose a solution that minimizes the amount of down time required for the plant. While a plant shutdown is possible, it should be avoided. If necessary, a shutdown should be coordinated with regular/schedule plant shutdown.

- 3 Are there any spare parts required beyond the recommendation by the supplier?**

Critical spare parts include the motor, moving grates and spray valves. These would likely be included in the recommended spare parts provided by the selected supplier.

- 4 Which access ladder does item 6.3 in the scope of work refer to?**

Item 6 refers to the access ladder in the northeast corner, pictured in Appendix A.

- 5 How is the current exterior lighting operated?**

The current exterior lighting is solar cell operated; the new lighting should also operate via a solar cell. The proposed exterior lighting should be sufficient to light the upper and lower levels of the screening plant. The east side of the upper build should also be considered in proposal.

- 6 Are the stop gates required to complete the job the responsibility of the respondent?**

No. Tynes Bay Waste to Energy Facility will provide the stop gates required to complete the installation.

- 7 Should the replacement cable trays be fiber glass?**

Where possible, the replacement cable trays can be fiber class.

- 8 What are the dimensions of the current control panel?**

The current control panel dimensions are: 47" l x 19 ½" w x 73 ¾" h. The new control panel will be provided by the selected band screen supplier. The respondent is responsible for confirming the fit and location of the new control panel. Relacing the control panel should again be done l a manner which minimizes down time for the water screening plant and thus risk to requiring a full plant shutdown. An image of the current control panel can be found in Appendix B.

Appendix A – Image of Northeast Access Ladder



Appendix B – Image of Current Band Screen Control Panel



1512022 - Sea Water Screening Plant - Band Screen Replacement