



# SUNSHINE COAST REGIONAL DISTRICT

Question and Answers #4

Request for Proposal No. 2437020

UV Upgrade Chapman Creek Water Treatment Plant

**Date: September 27, 2024**

## **Item No.1**

**Question:** Are Val-Matic butterfly valves an acceptable alternative to the listed manufacturers?

**Answer:** Suggest all alternatives be presented as optional cost savings in proponents proposals. Price per the specifications or listed acceptable alternatives.

## **Item No. 2**

**Question:** Please confirm operating pressures for all butterfly valves? Knowing the true operating pressure for the valves will ensure that we can calculate the actual rim pull in accordance with specification sections 2.4.8 (2) and 2.4.9 (5), as well as section 2.4.9 (12) torque safety factor. This will also ensure that the Owner is not receiving actuators sized at a pressure significantly higher than actual working pressure which could result in oversized and more costly actuators.

**Answer:** Please see section 11203 item 2.1 piping data, Design pressure 100psi, vacuum is 14.5 spi which the maximum allowable pressure for the system.

## **Item No. 3**

**Question:** Are any remote hand stations required for the motor operated valve? The reference to a remote hand station, refers to a means of controlling the actuator via a hardwired hand station situated in an easily accessible area when the actuators are located in confined space or difficult to reach location (such as below grating as indicated on drawing P-102. The remote hand station provides all of the control functionality and LCD display features found directly on the actuator cover.

**Answer:** Only price remote hand station if specified or shown on plans. *(Work requiring manual operation of these motorized valves downstream of the UV units will require entry into the space to manually operate the valve upstream of the UV units.)*