

# DISTRICT OF SOOKE WWTP EXPANSION PROJECT 2022

## ADDENDUM NO. 4

August 29<sup>th</sup>, 2022

**This addendum forms part of the Tender Documents** and shall be read, interpreted, and coordinated with all other parts. The costs of all elements contained herein shall be included in the submission. The following revisions, changes, corrections, additions, and or deletions supersede the information contained in the original Documents to the extent referenced and shall become part thereof.

This addendum relates to the tender entitled "DISTRICT OF SOOKE WWTP EXPANSION PROJECT 2022", issued on BC Bid on July 27<sup>th</sup>, 2022 (Package)

### **Addendum Item 1 Responses to Questions from Bidders**

Question in black, responses in red.

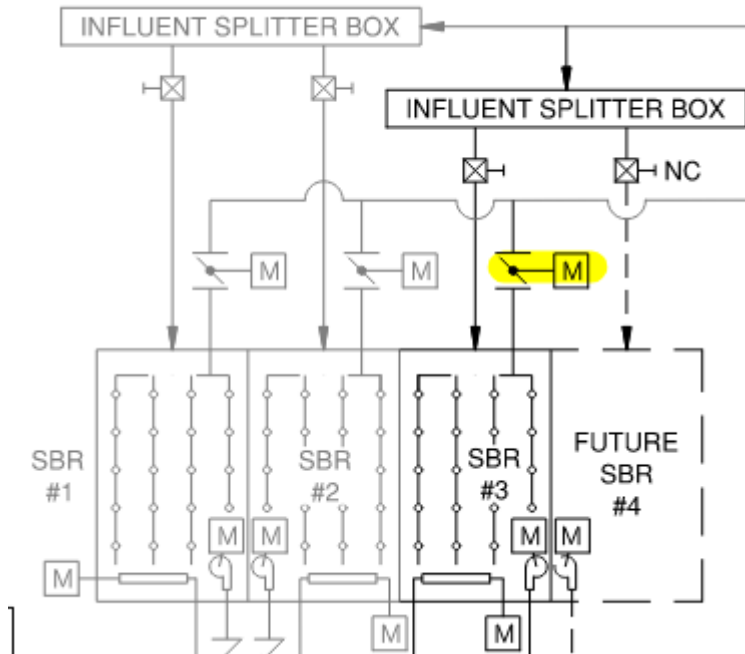
1. Please confirm which valves identified on Drawing P001 are supplied through the novated contracts and which are to be supplied directly by the Contractor. It would be helpful if Drawing P001 had labels identifying who is responsible for each valve.

For example:

Is the check and butterfly valves to SBR Blower #3 to be supplied by the Contractor?

Is the 200 mm motorized butterfly valve below to be supplied by the Contractor?

**Motorized butterfly valve supplied by SBR equipment contractor. Check valve and butterfly valve in blower room by contractor.**



2. The geotechnical report suggests sump and pump as the dewatering method during construction. Can the groundwater be discharged directly to a nearby ditch or sewer? If so, please identify the location.

Dewatered groundwater can be discharge in existing SBR trains.

3. Reference Section 43 31 13 Article 1.4.1, please confirm Veolia's Hydrotech discfilter equipment is an accepted alternate.

Yes, Veolia Hydrotech disc filter is an approved equal. Bidders to submit redline markups of changes to structural drawings for the enclosure tank and base concrete pricing on the redline markup.

4. The design drawings show grooved couplings (e.g. 150 mm, 250 mm and 400 mm diameters). Are these to be epoxy coated, galvanized, or stainless steel?

Epoxy coated. If alternative a less expensive, the all three coating systems are acceptable.

5. The pump supplier is offering a lifting davit with two (2) recessed floor sockets. Is this acceptable in place of Items #13 (slab flush mounted davit base) and #14 (sleeve mounted davit base) shown on Drawing S101?

Xylem has a flush mounted davit base. If other pump suppliers have recessed floor sockets, that is acceptable provided the davit are clears the handrail

6. Following up on Addendum 2 Q&A #11 – please verify if email tender submissions and/or email amendments are acceptable. Still to be confirmed – will be addressed in Addendum 5.

7. A few of our subcontractors would like to request a one (1) week extension to the closing date due to the long weekend. Would the District consider a closing date of September 14? Yes, this schedule extension is granted. See Addendum Item 3 for further details.

8. The drawings indicate that the 2 Equalization Pumps (P-810 and P-820) and 1 Sludge Thickener Feed Pump (P-910) are to be connected to the new PNL-600B adjacent to Sludge Thickener/Polymer Control Panel. The Sludge Thickener Feed Pump (P-910) is to be fed from the vendor supplied thickener control panel. It is the Thickened Sludge Pump (P-940) that is to be fed from PNL-600B. See further notes and sketch below  
The process drawings also suggest these pumps are to controlled by VFD's. The electrical drawings do not show either starters or VFD's for any of these 3 pumps.

- a. Please confirm the motor control requirements/location for the EQ Pumps and Sludge Thickener Feed Pump.

The contractor is to provide and install a new NEMA 4X Stainless Steel Kiosk enclosure located as shown in the sketch below. The Kiosk is to house new Panel 600B which has been relocated from the Thickener/disk filter panel backboard.

Panel 600B is to be a 18cct 600V panel fitted with the following three breakers.  
A] One (1) 3P 15A breaker to feed the VFD for Thickened Sludge Pump (P-940)  
VFD is anticipated to be 5Hp. P-940 motor size is to be confirmed, as this is an existing owner supplied pump,

B] One (1) 3P 30A breaker to feed Equalization Pump (P-810) the VFD for Equalization Pump (P-810) VFD is to be 15Hp.

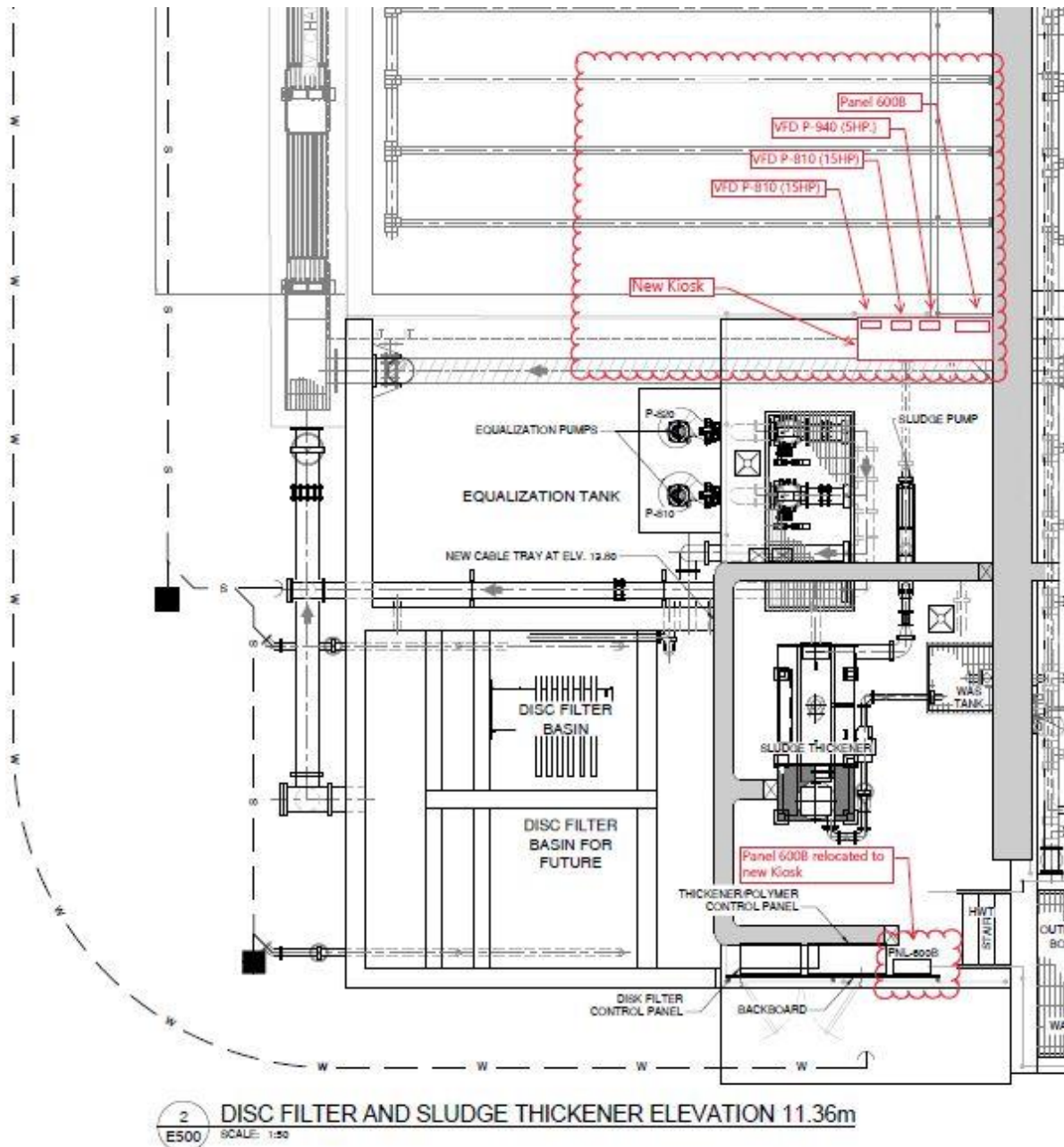
C] One (1) 3P 30A breaker to feed Equalization Pump (P-820) the VFD for Equalization Pump (P-820) VFD is to be 15Hp.

The contractor is to supply and install the three VFD's described in items A], B], and C] above within the kiosk and provide the power and control wiring for each VFD consistent with the Type B VFD Schematic shown on Drawing (E-614). The Line Reactor and Long Lead Filters for each of these drives are not required. the operator panel is to be integral to the drive, and each pump will be fitted with a local control station that includes the L/O/R selector switch and a local speed control pot.

Provide 3C + Gnd #12 Teck cable to power Thickened Sludge Pump (P-940). Co-ordinate with Equalization Pump Vendor to supply sufficient pump cable length to route from the Equalization Pumps (P-810 and P-820) to the VFD's with out need for a splice or field junction box.

- b. Is a single line or schedule available for PNL-600B?

The updated single line and a panel schedule for panel 600B will be included in the Issued for Construction drawing set based on the information provided in the response to Addendum 4 Item #8 a) above.



## Addendum Item 2

### Drawing Changes/Additions

No Updates

**Addendum Item 3****Specification/Document****Changes/Additions**

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- All references to the Tender Closing date in the tender documents shall be changed from 3pm Local Time in Sooke on Wednesday September 7<sup>th</sup> 2022 to 3pm local time on Wednesday, September 14<sup>th</sup> 2022.

**End of Addendum**

**Acknowledgement of this Addendum in your Tender submission is required.**

Shaun Swarbrick, P.Eng.