

Submission deadline date extension

The new submission deadline is 3pm September 15, 2025.

Clarification

The current SCADA system is IFIX, not VTSCADA.

Q&A

Does the scope include any pump VFDs?

No, the drawings include some pumps as reference only. The only VFDs are for the three blowers

What is being added to the MCC?

The MCC should house the new PLC and VFDs if possible

Is startup and commissioning of the blowers included in the scope?

Yes

Is there a local SCADA technician that the Village would like to use to integrate the system?

Please include pricing for the integration as a separate line item

Are Gardner Denver blowers the only acceptable replacement brand?

No, equivalent or better quality is acceptable

Do the replacement blowers need to be belt driven or can they be direct drive?

Either is OK

Are motor sizes fixed or can alternate sizing be proposed?

Alternate sizing may be proposed provided it delivers sufficient air volume

Is noise attenuation required for the new blowers?

No although it may be included as optional

Should the new PLC be the same series as the DAF plant?

No, as long as they are compatible

Does the new PLC need to integrate with the DAF SCADA?

No, it may integrate with the existing IFIX system

What is the preferred communication protocol?

Any that works with the current system

Should the control panel include trending / data storage?

Not necessarily, SCADA may handle the data logging

Will the Village provide internet access to the site?

Yes.

How many DO probes are required?

Minimum four but more may be proposed if better for blower control and process monitoring

How many Nitrate sensors are required?

Minimum four

Are the Hach SC4500 dual channel or single channel?

Either

Are there any existing pH / temperature that may be reused?

No

Does the scope include replacement of the Muffin Monster and Fischer & Porter flow meter or just the controls?

Just the controls.

How many 3" Schedule 40 air valves must be replaced?

Five

Does the scope include installing diffuser arrays and lateral lines for the aeration extension?

No

Are automated valves required or optional?

Optional

What power is available in the blower room?

575v three phase

Should a new distribution panel or transformer be included for the VFD and PLC?

Only if the replacement equipment power requirements significantly exceeds the current equipment

Are fibre optic network cables required to connect the blower building with the DAF building?

Yes

Should the backup generator include an automatic transfer switch?

Yes

What is expected in the commissioning?

Confirm the equipment works as designed

Will Village Operators need formal training on the PLC?

Yes, please expect to show the operators how to change basic settings and troubleshoot frequent issues

Should the three year warranty include travel and labour costs?

Yes

Does the scope include structural modifications to the mechanical room if necessary?

Yes

Are any civil works included in the scope?

Only minor adjustments required to mount and connect the new equipment

Is the proponent the prime contractor?

Yes