



Making a difference...together

ADDENDUM NO. 1

to the

INVITATION TO TENDER DOCUMENTS for

Ludlow Pump Station Upgrade

CONTRACT 2020-560

To All Respondents:

December 21, 2020

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for Capital Regional District, Ludlow Pump Station Upgrade, Contract 2020-560 as fully and completely as if the same were fully set forth therein:

Please see the attached information:

- Associated Engineering Addendum #1

End of addendum.

ADDENDUM #1

DATE: 21 December 2020

OUR FILE NO: 2020-2830-00

PAGE: 1 of 3

CLIENT:	Capital Regional District – Integrated Water Services
PROJECT:	Ludlow Pump Station Upgrade ITT 2020-560

The following revisions supersede the information contained in the original tender documents issued for the above-named project to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the contractor or any subcontractor not being familiar with this addendum.

Revisions / Clarifications/Additions

1. Site Meeting:

A Non-mandatory site meeting was held on 9 December 2020 at 10:00 AM at Ludlow Pump Station. A list of contractors in attendance is provided on the last page of this addendum.

Key staff were introduced:

- David Scharbach, P.Eng. Project Manager, Capital Regional District
- Jonathan Musser, P.Eng. Design Lead, Associated Engineering
- Hayden Earle. Field Supervisor, Capital Regional District

JM provided an overview of key aspects of the project:

- Installation of new pumps and associated electrical equipment in existing structure
- Piping inside the building is part of potable water distribution network with no external bypass.
- Owner access to the building must be maintained at all times for operational purposes.
- Site has no power, water, sanitary facilities, and very limited area available for laydown.

Those present took turns to view the inside of the station before questions were taken by the project team.

a. Question: Was there a diesel fuel tank outside?

Answer: No, the tank was inside and has been removed already.

b. Question: Was there a fire in the station?

Answer: Yes, the pump that was previously installed caught fire due after running dry.

- c. **Clarification:** The existing ceiling assembly of the station has been removed
- d. **Question:** Is it possible to conduct pipe replacement in two stages, with temporary piping installed in the interim?
Answer: Yes, two shutdowns are permissible. Temporary piping needs to be suitable for potable water use and for the pressure at the station (up to 60 psi). Shutdown plan to be submitted in advance and such work coordinated with CRD as outlined in the contract documents.
- e. **Question:** What is under the road plate [near proposed generator location]?
Answer: There is nothing under it, and the plate will be removed from site prior to contract award.
- f. **Question:** Are foundations intended to be precast as per Note 6 on dwg E-101?
Answer: No, foundations should be constructed as per the structural dwg S-101 including connections to the existing slab.

The site meeting concluded at approximately 10:20.

2. Question: Can ABB ACQ580 be approved as equal or alternate Variable Frequency Drive?

As noted in 26 29 11.2.1.2, this design is standardized on the Eaton PowerXL DG 1 drive, and alternates which offer a net overall benefit to the project can be considered following contract award.

3. Question: Are there any other acceptable pump manufacturers?

Delete Section 43 21 13 Clause 2.2.2 and replace with the following text:

- .2 Acceptable manufacturers:
 - .1 Aurora (design standard)
 - .2 Goulds
 - .3 KSB
 - .4 Grundfos
 - .5 Approved Equivalent

4. Question: Do the pumps need to be NSF certified?

Refer to 43 32 13 Sentence 2.4.2 regarding materials of construction and Sentence 2.5.15 regarding acceptable coatings for the pumps.

5. Question: Can pump bearing requirements be relaxed?

Alternate bearings which offer a net overall benefit to the project can be considered following contract award.

6. Attendance list for non-mandatory site meeting:

Garth O'Neill	Ridgeline Mechanical	garth@ridgelinemechanical.com 250-483-3747
Mike Wilson	G & E Contracting	250-893-0690 mwilson@gecontracting.ca
Dan Pullen	AJPH	dan@ajph.com
Shaun Milner	Sasco	smilner@sasocontractors.com
Steven Chapman	Industra	schapman@industra.ca
Ken Prenger	IWCE	ken.p@iwce.ca
Will Fitton	Allied Power	Will@Alliedpower.ca
Colin Cumberbatch		250-812-4311
Nate Degoey	Emery	ndegoey@emeryelectric.ca
Rob Lee	Tekton	RLeeTekTon@gmail.com
Todd Baylis	Allied Power	Todd@alliedpower.ca

END OF ADDENDUM