

Request for Tenders No. 21-040 Chase R. Pump Station Wet Well Upgrades Addenda-2

Date: July 12, 2021

Revision: 0

- Note Drawing CRPS-C-117 sht 1 has been revised and Rev 3 is attached in Appendix A. Additional detail is provided regarding the bypass piping 200-RWW-316L-007 tie-in to existing underground pipelines.
- Note All excavation and backfilling related to the Work, specifically for underground tie-ins for 500-RWW-316L-007 and 200-RWW-316L-007, will be by Others. These tie-ins will be exposed, with shoring protection and a removable cover plate installed, ready for the RFT 21-040 Contractor to perform the tie-ins.
- Note Clarification to Description of Work: <u>All RDN supplied material</u> will be provided to the Contractor at the Greater Nanaimo Pollution Control Center, 4800 McGuffie Road, Nanaimo, BC V9T 5B3. RDN will load Owner supplied material on to the Contractor's transport truck.
- 4. **Question:** Specifications Section 3600 item 3.5B.2 calls for the grout manufacturer's representative to train the contractor for installing grout. Will this be required?

Answer: Item 3.5 of Section 03600 "Grout and Miscellaneous Concrete Work" is waived.

5. **Question:** Specification SP-P-0002 item 2.1 calls for pipe 60 mm & larger to be sch 10 but the drawings call for "SCH STD" (sch 40). What pipe schedule should be used?

Answer: The drawings supersede the specifications with regard to pipe wall thickness, as indicated in SP-P-0002 item 2.1 "When detailed piping bill of materials are not provided on the design drawings...".

6. Question: What is the value of the owner supplied material?

Answer: The value of owner supplied material is approximately \$90,000.

7. **Question:** With the timeline provided in the tender drawings what is the anticipated award date?

Answer: Notice of intention to award is anticipated to be made by August 2, 2021.

8. **Question:** Can the start date be pushed back to allow for adequate material delivery and fabrication time?

Answer: The Work must be performed before the fall 2021 rains set in. Accordingly, RDN is unable, at this time, to relax the project schedule. Adjustments to the schedule may only be made once long term weather forecasts become available.

9. **Question:** For the piping it shows all of the flanges to be weld neck flanges. Can the flanges going onto a piece of pipe be changed to slip on flanges?

Answer: Weld neck flanges must be used as shown on the drawings.

10. **Question:** The new bypass pipe sleeve detail shown on drawing M-210 detail 5 appears to be a pour in place detail. Can you please provide a detail or can we core the hole and install a link seal?

Answer: The requirement for a galvanized steel sleeve as shown on detail 5 of drawing CRPS-M-210 is waived. The final design intention will be to reuse the existing bypass piping



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hole in the wall of the wet well; however, this hole must be upsized/re-cored to allow for installation of a link seal as shown on detail 5 of drawing CRPS-M-210. The drawings will be updated to reflect this change and reissued before construction begins.

11. **Question:** Drawing CRPS-M-227 shows continuation drawing CRPS-P-103 but I don't see P-103 listed as a drawing number in the package. Can you please clarify the drawing number or revise the drawing number?

Answer: Continuation detail is shown on drawings CRPS-P-102 and CRPS-C-117 Rev3. The reference to CRPS-P-103 will be corrected on drawing CRPS-M-227 before construction begins.

12. **Question:** What drawing shows the continuation of the new bypass discharge piping when leaves the wet well wall and where does it tie into?

Answer: Refer to drawings CRPS-P-102 and CRPS-C-117.

13. Question: What is the weight of the pumps?

Answer: Each submersible pump (and motor) weighs 2,160 kg.

14. Question: Is the owner supplying the pump guide bars and pump guide rail holders?

Answer: RDN is supplying the pump guide bars/rails. The Contractor is supplying the holders.

15. **Question:** Will the owners engineer be providing layout/surveying support?

Answer: The RDN's Engineer will not be providing layout/surveying support. The Contractor is responsible for field verification of dimensions and final fit-up of piping and structural, incorporating field trim allowance where prudent.

16. **Question:** What de watering company did you use to help come up with the bypass pumping specification?

Answer: The pump station bypass strategy was developed by Jacobs. The Contractor is required to develop and submit a detailed bypass plan for review prior to construction as outlined in the contract documents. Note: RDN is aware that the City of Nanaimo recently retained <u>Aureus</u> to provide bypass pumping equipment for a project in Bowen Park. Bidders may contact the City of Nanaimo for further information on this, including other contractors that were considered for the bypass pumping work.



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APPENDIX 1 – DRAWING CRPS-C-117 Sht. 1 Rev3

