



# SUNSHINE COAST REGIONAL DISTRICT

## ADDENDUM NO.1

Request for Proposal No. 2137016

Engineering Services: Chapman Water Treatment Plant UV Upgrade

Date: November 17, 2021

This addendum forms part of the contract documents and shall be read, interpreted, and coordinated with all other parts. The costs of all work contained herein shall be included in the tender submission. The following revisions, clarifications, changes, additions, or deletions supersede the information contained in the original documents to the extent referenced and shall become part thereof:

### Number of pages including attachments: 3

#### Item No.1

**Question:** Does SCRD plan to replace the existing UV with one new UV unit (higher capacity) in the same location of the existing one to make redundant capacity available in one unit only or replacing the existing UV with one operating unit + one stand-by unit? The response is important to understand the scope of the project if there is need for any piping design reconfiguration.

**Answer:** The current UV set up at Chapman Water Treatment Plant is one inline UV unit. If the UV unit fails the Regional District cannot produce water until the unit is repaired. The Regional District wants the ability to continuously produce water that has been treated with UV disinfection to drinking water standards. The proponent will need to design a UV system with redundancy where UV disinfection of treated water is always available. There are space constraints with the current location which will need to be addressed.

#### Item No.2

**Question:** If we are the successful proponent, is the SCRD willing to discuss the possibility of making revisions to the contract terms to modify the Broad Form Indemnity to a Limited Form Indemnity to reflect the activities within the Consultants control? In particular to the clause as noted below.

pay far under this agreement.

14. **to the extent caused by and** cable laws.

15. The Contractor must indemnify and **negligent**  
 Regional District and the Regional District's employees and agents from any losses, claims, damages, actions, causes of action, costs and expenses that the Regional District or any of the Regional District's employees or agents may sustain, incur, suffer or be put to at any time, either before or after this Agreement ends, including any claim of infringement of third-party intellectual property rights, where the same or any of them are based upon, arise out of or occur, ~~directly or indirectly~~, by reason of any act or omission by the Contractor or by any of the Contractor's agents, employees, officers, directors or Subcontractors in connection with this Agreement, excepting always liability arising out of the independent acts or omissions of the Regional District and the Regional District's employees and agents.

16. **negligent** in the wording of SCHEDULE D.

**Answer:** The Regional District may consider the proposed wording revisions to clause 15.

#### Item No.3

**Question:** Have any related studies been done for this project? If yes, can those studies be shared?

**Answer:** The Regional District does not have any studies.

**Item No.4**

**Question:** Has the UV reactor been pre-selected or pre-ordered? If yes, has the pre-selected or preordered UV reactor been validated according to VCH or any regulatory body's requirements? If no, is the validation of the UV reactor is a part of scope of work for detailed design? Has any vendor been engaged?

**Answer:** The Regional District has not pre-selected any vendors or a product. It would be proponent's scope to suggest a product per Regional District's requirement, validation and overseeing the commissioning.

**Item No.5**

**Question:** Does the District have a preferred type of UV reactor (such as LP, LPHO, MP etc.) in mind for this project if it has not been pre-selected or pre-ordered? Does it require a study to select the UV reactor before the detailed design can be commenced?

**Answer:** The Regional District would like the proponent to select the appropriate UV reactor(s) with consideration given to the wide range in plant flow rate (80L/s – 312L/s), space constraints, availability of spare parts (ie: short lead times, ideally a Canadian supplier) and field technicians/support.

**Item No.6**

**Question:** Does the current UV dosage need to be reviewed and is a part of scope of work?

**Answer:** The Regional District would prefer a constant UV dosage of 40mj/cm<sup>2</sup>. The system shall have the ability to verify the power consumption to efficiently dose the water at the varied flow rates. (lower flow = lower power consumption while maintaining 40mj/cm<sup>2</sup> dosage)

**Item No.7**

**Question:** Has the UV dosage for the new UV system been determined and approved by VCH? If no, is this a part of scope of work for detailed design?

**Answer:** This is not within the scope. See answer for item no. 6

**Item No.8**

**Question:** Per Section 3.2.3, does the SCRD require a full-time site engineer for Construction Management Services?

**Answer:** The engineer must be able to carry on site visits to ensure works are being carried out as per specified, Regional District's satisfaction, to meet the industry best practices & standards and contact documents.

**Item No.9**

**Question:** Section 3.2.5 Project Schedule indicated that "Construction Begin – September 18, 2022" and

"Commissioning – November 13, 2022", only 8 weeks. Is this schedule tentative or definite?

**Answer:** This is tentative. The Regional District is flexible on scheduling but this is the time line that Regional District wishes to achieve, given the condition of the existing UV reactor.

**Item No.10**

**Question:** The plant drawings with this RFP seems not including Yard Piping Plan. Can this drawing be shared?

**Answer:** Unfortunately, Regional District does not have any yard piping plans, other than what is provided as Appendices.

**Item No.11**

**Question:** I would like to visit the plant to get a better understanding of the project, if that option is available. It helps us get a better understanding of the problems you're experiencing at the plant, and find out how we can help you more specifically

**Answer:** The Regional District will be on site for an optional site meet on Monday November 22, 2021 at 10:00 am. Proponents **must** RSVP to this site meeting by 3:00 pm on Friday November 19, 2021 if no RSVP's are received the site meeting will be cancelled.

To RSVP please email [vanessa.schilling@scrd.ca](mailto:vanessa.schilling@scrd.ca) with your intent to attend.

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Addendum No.1 is issued prior to receipt of submission and shall form part of the contract documents. The revisions shall clarify the information contained in the original Proposal documents issued on October 26, 2021.

If you have any questions regarding the above, please contact the undersigned.

Vanessa Schilling, Purchasing & Risk Officer  
Sunshine Coast Regional District