



## SUNSHINE COAST REGIONAL DISTRICT

Question and Answers #4  
Request for Proposal No. 2637005  
Coagulants

**Date: April 1, 2026**

**Item No.1**

**Question:** Do you adjust the amount of coagulants used based on water temperature?

**Answer:** Yes.

**Item No.2**

**Question:** Do you use polymer all year round?

**Answer:** Yes, we use it all year round at Chapman Water Treatment Plant as a filter aid, it is added as water enters the filters. Polymer is not used at South Pender Harbour Water Treatment Plant.

**Item No.3**

**Question:** What is your pH level for raw water?

**Answer:** Usually below 7, today Pender was 7.05 and chapman was 6.87. The raw water data we collected for the month of March has been provided in Q&A No.3.

**Item No.4**

**Question:** Is the polymer dry?

**Answer:** No, the polymer is a liquid and we dilute it at 0.5%.

**Item No.5**

**Question:** Does the polymer come in pails and not bulk?

**Answer:** Yes, 20L pails.

**Item No.6**

**Question:** With respect to deliveries how do the Coagulants get transferred to the South Pender Harbour Water Treatment plant?

**Answer:** Deliveries of coagulants for both treatment plants generally will be directed to the Chapman Creek Water Treatment Plant. During unloading, the Supplier will be required to fill totes, which the Regional District will then transport to the South Pender Water Treatment site.

**Item No.7**

**Question:** The water pails provided for jar testing have they been labelled?

**Answer:** Yes, "C" is for Chapmans Water Treatment Plant and "P" is for the South Pender Harbour Water Treatment Plant.

**Item No.8**

**Question:** Do you use soda ash for the pH adjustment or coagulation/flocculation?

**Answer:** We use both for this purpose.

**Item No.9**

**Question:** Can you confirm what your standard PH level is for treated water?

**Answer:** Around 8.5 for the Chapman Water Treatment Plant and under 8 for South Pender Harbour Water Treatment Plant.

**Item No.10**

**Question:** Can you confirm how much MT is ordered?

**Answer:** 39MT per delivery, please see Q&A No.2 for more information about annual quantities.

**Item No.11**

**Question:** Is the delivery by B-train?

**Answer:** Yes. In accordance with the RFP requirements, all deliveries will be scheduled in advance, as access will need to be coordinated with the neighbouring mine. Entry through the mine site requires an escort.

**Item No.12**

**Question:** Where are the chemicals stored?

**Answer:** Coagulant is stored in the bulk holding tank inside the plant and polymers are stored downstairs.

**Item No.13**

**Question:** Do you know the dilution ratio for the polymers?

**Answer:** The dilution rate is 0.5%, which equates to 500 mL of polymer per 100 L of water. Smaller batches can be mixed as required.

**Item No.14**

**Question:** How long does the diluted polymer last?

**Answer:** Approximately one (1) two (2) days depending on time of year and flow through the treatment plant.

**Item No.15**

**Question:** Is the blue tank for holding chemicals for this contract?

**Answer:** No that is a soda ash silo.

**Item No .16**

**Question:** What temperature is the water at the site?

**Answer:** Please see Q&A No.3 with the test raw data for both plants for the month of March 2026.

**Item No.17 Section 5.1.1 Relevant Experience**

**Question:** The Proponent and any subcontractors of the Proponent included in its proposal should have a minimum of three (3) years within the past five (5) years:

- Supplying and Delivering Coagulants and Polymers preferably to local governments.

Should this read "three (3) references within the past five (5) years"?

**Answer:** No. This section is intended to confirm that the Proponent and any subcontractors meet the minimum experience requirement, not to request references. The requirement asks you to demonstrate that you have been supplying and delivering coagulants and polymers for at least three (3) years within the past five (5) years. This experience may include work performed for more than three clients or suppliers.

References are requested separately for the purpose of verifying the Proponent's stated experience as well as offer insight into performance.

#### **Item No.18 Section 5.2 Sustainable Social Procurement**

**Question:** with respects to the following items:

- "c) Environmental Cost of Ownership
- d) Energy efficient products
- e) Minimal or environmentally friendly use of packing materials; and
- f) Reducing hazardous materials."

Can you please provide context as to what you are looking for here? We want to ensure we provide the best answers possible, but we are unclear on what the Regional District is trying to learn with these questions.

**Answer:** These requirements collectively will help make procurement decisions that reflect responsible stewardship of public resources, reduce environmental impacts across the product life cycle, encourages Proponents to adopt sustainable practices and supports community well-being with long-term environmental resilience. We are requesting Proponents to provide information on how they will meet our goals.

#### **Item No.19 Section 7 Evaluation**

**Question:** Will plant trials be conducted on products prior to awarding the business, or will this be judged solely on the jar testing results?

**Answer:** This will be evaluated on multiple factors as showing in Section 7 Weighted Criteria and we are not having plant trials.

#### **Item No.20 Section 7.3 - Price Evaluation**

**Question:** How is the "lowest price proposal" being evaluated? Is this based on the per kg unit, or the per kg unit multiplied by the dosage estimate to arrive at a "per cubic meter" price?

## RFP 2637005 Coagulants

For context, some products have lower active content which makes the "cost per kg" look attractive, but the dosage is typically correspondingly higher than other products with more active content.

Ex.

Product 1 has 5% Aluminum, with a price of \$1.00 and a dosage of 50 mg/L

Product 2 has 10% Aluminum, with a price of \$2.00 and a dosage of 25 mg/L

The cost per cube of each product would be the same, but Product 1 appears less expensive due to the lower unit price.

**Answer:** Pricing will be evaluated in accordance with Section 7.3 *Price Evaluation*. As part of this process, we will apply an appropriate pricing metric — whether price per kilogram, dosage-adjusted cost, cost per cubic meter, or another suitable basis — to ensure that products with differing concentrations or formats can be compared equitably.

In addition, we are seeking a solution that results in sludge production that is comparable to, or lower than, the levels generated by our current chemical treatment combination.

### **Item No.21**

**Question:** Will you provide a copy of the bidders list?

**Answer:** No we do not provide a list of bidders.

### **Item No.22**

**Question:** With the polymer pails do they need to be non returnable?

**Answer:** No, the pails can or do not have to be returnable. Please proposes as part of your submissions.

### **Item No.23**

**Question:** In reference to the annual quantities provided in the previous Q&A, does the volume shown represent the total quantity for each order, or should we expect multiple shipments to fulfill the stated volume?

**Answer: Item No.23**

**Question:** In reference to the annual quantities provided in the previous Q&A, does the volume shown represent the total quantity for each order, or should we expect multiple shipments to fulfill the stated volume?

**Answer:** The quantities provided in the previous Q&A reflect our standard order size and the typical number of orders placed per year. Please note that we do not guarantee specific volumes or order sizes.