



REQUEST FOR PROPOSALS No. 24-004

French Creek Sewer Master Plan

Addendum 1

Issued: February 21, 2024

Closing Date & Time: on or before 3:00 PM Pacific Time on March 7, 2024

This addendum shall be read in conjunction with and considered as an integral part of the Request for Proposal. Revisions supersede the information contained in the original Proposal or previously issued Addendum. No consideration will be allowed for any extras due to any Proponent not being familiar with the contents of this Addendum. All other terms and conditions remain the same.

Request for Proposals Addendums:

1. Cover Page (Page 1) and Section 1.1 Closing Date/Time/Submission Method (Page# 2)

Delete: Submissions must be received on or before: **3:00 PM (15:00 hrs) Local Time on February 27, 2024.**

Add: Submissions must be received on or before: **3:00 PM (15:00 hrs) Local Time on March 7, 2024.**

2. Section 2. Introduction (Page# 3)

Delete: The desired completion date for this project is **September 30, 2024.**

Add: The desired completion date for this project is **February 28, 2025**

3. Section 4. Scope of Services (Pages# 3-4)

Delete: Carry out flow monitoring on key sites in both dry and wet period and calibrate and validate the model using flow monitoring data. Consider five (5) flow monitoring sites for this RFP purpose.

- If the plan is to hire a subconsultant or a contractor for flow monitoring, please include that subconsultant or contractor's details in the proposal. Any subconsultant/contractor fee or other additional cost for flow monitoring should be included with the overall proposed fee.

Add: Assist the RDN to hire a subcontractor to do flow monitoring during the project. Conduct an initial review of the area, identify potential areas of concern with high I&I, and assist the RDN to develop a flow monitoring scope (i.e. site location, site numbers, data collection frequency etc.). **DO NOT INCLUDE direct cost of flow monitoring with the overall proposed fee as the RDN plans to hire a flow monitoring contractor separately as per the scope and recommendation provided by the project consultant.** The project consultant is expected to facilitate hiring a flow monitoring contractor and coordinate and collaborate with the flow monitoring contractor so that the flow monitoring is done as needed for the project.

4. Section 5. Deliverables and Outcomes (Page# 5)

Delete: “Flow monitoring data” from the list of deliverables.

5. Section 7. Budget (Page# 5)

Delete: The Project budget is \$125,000 + G.S.T.

Add: The project budget is \$100,000 + G.S.T.

Questions and Answers:

Question 1: Would the RDN be willing to grant a one-week extension to the closing date?

Answer 1: The updated closing date is on or before: **3:00 PM (15:00 hrs) Local Time on March 7, 2024.**

Question 2: Would the RDN consider conducting an initial review of the area and developing the model to identify the areas of concern before conducting the flow monitoring program? If so, would the RDN consider removing the flow monitoring from the scope and awarding the monitoring directly to a third-party vendor after the areas of concern have been identified?

Answer 2: The RDN will hire the flow monitoring contractor directly. Please see the above addendum on Section 4: Scope of Services.

Question 3: If flow monitoring is to remain within the scope, would the RDN specify the duration that each of the 5 monitoring sites are to remain in place collecting information?

Answer 3: Please see the above Answer 2.

Question 4: Does the RDN have preference if the five sites are monitored concurrently, or if one monitor can be used and moved around accordingly?

Answer 4: Please see the above Answer 2 and addendum on Section 4: Scope of Services.

Question 5: Can the completion date be extended into 2025 to allow for a season of wet winter weather if monitoring is still a part of the scope?

Answer 5: The new completion date is provided in this addendum.

- Question 6:** Is the RDN aware of any problem areas in the system, such as mains flowing near capacity or periodic surcharging or areas with suspected high I/I?
- Answer 6:** The RDN Operations staff have some ideas on which areas usually have higher I&I. These sites need to be physically verified and confirmed before relying on this information.
- Question 7:** Does the RDN have a rain gauge in the area, or access to a rain gauge that records rainfall in a minimum of 5-minute increments that would be available for use?
- Answer 7:** Details on the RDN Hydrometric stations and monitoring parameters for French Creek and surrounding areas can be accessed from the following link:
<https://www.rdn.bc.ca/hydrometric-and-climate-monitoring#fc>
- Question 8:** Will flow data from the Black Brant Meter be available and if so, in what format and with what frequency (hourly, daily, monthly)?
- Answer 8:** Black Brant Meter has been out-of-service for some time. So, no current or recent data available for this flow meter.
- Question 9:** Will pump run-hour data for the Kinkade, Barclay Crescent, Columbia Beach, and Breakwater pump stations be made available, and if so, what is the frequency of the data (hourly, daily, monthly), and in what format will it be provided?
- Answer 9:** Yes, the pump run-hour data will be available for these pump stations. Total pump run-hour data is collected once every week and the data are recorded in Microsoft Excel format, which will be provided to the successful consultant.
- Question 10:** Can the RDN confirm if the study area consists of these four sewer local service areas? Are there other areas that need to be addressed?
- a) Surfside Sewer LSA
 - b) Barclay Crescent Sewer LSA
 - c) French Creek Sewer LSA
 - d) Pacific Shores Sewer LSA
- Answer 10:** **The study area consists of both French Creek sewer service area and Barclay Crescent Sewer Service Area.** The Surfside and Pacific Shores sewer service areas are not included in the project scope.
- Question 11:** Can the RDN confirm the type of information that will be provided from the RDN GIS system regarding the sanitary sewer collection system? For example, the RDN on-line map shows pipe diameter, length, and material type. It does not list pipe grade, manhole rim/invert elevations, or manhole depths. Is this information available or will they need to be entered manually from the record drawings provided by the RDN?
- Answer 11:** The RDN will provide GIS shape file of the sewer main and manholes to the successful consultant. All information available on the GIS are shown on the online map. The GIS sewer main and manhole shapefile reference to the corresponding record drawings where more detailed information on those infrastructure is available. The pipe grade, manhole rim/invert elevation or manhole depths are available on the record drawings, not in the GIS shapefile. Therefore, this data will need to be entered manually in the model from record drawings.

Question 12: Could you please provide a sample of the GIS dataset? If you cannot provide a sample, can you please identify all of the attributes that are in the existing dataset? Also, are all of the attributes populated or are there any gaps in that data?

Answer 12: Please see Answer 11.

Question 13: What GIS platform is RDN currently using?

Answer 13: Detail information on RDN GIS system can be found at the following link:
<https://rdn.bc.ca/gis-mapping>

Question 14: Are there any condition assessment report available for the French Creek Sewage pump stations?

Answer 14: The conditions assessments are primarily done by in-house Operations staff. No conditions assessment report is available.

Question 15: Do the existing pump stations have remote data logging capability?

Answer 15: No, remote data logging is not available.

End of Addendum 1