



REQUEST FOR QUALIFICATIONS (RFQ) No. 23-009

Greater Nanaimo Pollution Control Centre 1, 2 & 3 Grit and Primary Sedimentation Tanks Refit

ISSUED: January 27, 2023

CLOSING DATE AND TIME:

Submissions must be received on or before:
3:00 PM (15:00 hrs) Local Time on Wednesday February 22, 2023

Questions are to be directed to:

Scot Merriam, Senior Project Coordinator
SRM Projects Ltd.
(250) 758-5352
smerriam@srmprojects.ca

Questions are requested at least five (5) business days before the closing date.

Respondent's Site Meeting

A work site review meeting will be held **10:30am on Tuesday February 7, 2023**, at the Greater Nanaimo Pollution Control Centre, 4600 Hammond Bay Road, Nanaimo, BC V9T 5A8. *Interested Respondent's are requested to confirm attendance with Scot Merriam, and wear CSA approved safety toe footwear and a high visibility vest or work clothing as a condition of plant entry.*

Thank you!



1. INSTRUCTIONS TO RESPONDENTS

1.1 Closing Date/Time/Submission Method

Submissions from Respondents must be received on or before 3:00 PM (15:00 hrs), Local Time, on Wednesday February 22, 2023.

Submission Method:

By Email: In PDF format with “**RFQ 23-009 GNPCC 1, 2 & 3 Grit and Primary Sedimentation Tanks Refit – Respondent Name**” as the subject line at this electronic address:

smerriam@srmprojects.ca

Please note: Maximum email file size limit is 20MB, or less. The Regional District of Nanaimo (RDN) will not be liable for any technological delays of submissions.

Submissions received in any other manner will not be accepted.

1.2 RFQ Contents

Respondents are advised to ensure they have received and read all documents listed below that are included in this RFQ package:

- RFQ document;
- Appendix A – Contemplated concrete surface repair and top coating materials for the work;
- Appendix B – Contemplated reference guidelines and standards for the work;
- Appendix C – Site layout and existing tank general arrangement drawings;
- Appendix D – No. 3 grit and sedimentation tanks July 2022 inspection reports;
- Appendix E – “For Information Only” copies of the No. 4 primary sedimentation tank layout and installation drawings;
- Appendix F – Example CCDC 11-2019 Contractor’s Qualification Statement
- Appendix G – Additional statement of qualifications document template

1.3 Amendment of Submissions

Submissions may be amended in writing and sent via email to the RDN contact person identified on the cover page, *on or before the closing date and time*. Such amendments should be signed by the authorized signatory of the Respondent.

1.4 Addenda

If the RDN determines that an amendment is required to this Request for Qualifications (RFQ), the RDN will post the Addendum on the RDN (www.rdn.bc.ca) and BC Bid (www.new.bcbid.gov.bc.ca) websites. Each addendum will be incorporated into and become part of the RFQ. No amendment of any kind to the RFQ is effective unless it is contained in a written addendum issued by the RDN. *It is the sole responsibility of the Respondent to check and ensure all amendments are included prior to submitting their final Submission.*

1.5 Withdrawal of Responses

Respondents may withdraw their submission at any time by submitting a written withdrawal email to the RDN contact person identified on the cover page *on or before the closing date and time*.

1.6 Unsuccessful Respondents

The RDN will offer debriefings to unsuccessful Respondents, on request, at a mutually agreeable time.

1.7 Questions

Respondents are requested to read this RFQ document fully before asking questions and before preparing and submitting their responses. Questions are requested at least five (5) business days before the closing date – *Thank you!*

2. INTRODUCTION

The purpose of this Request for Qualifications (RFQ) is to solicit Submissions from qualified firms to demonstrate their ability to participate in a multi-year, multidisciplinary municipal wastewater treatment tank refit project currently being planned by the RDN.

The work involves structural (concrete) repairs, application of corrosion resistant tank linings and replacement of the tank sludge collector mechanisms, including drives, at the Greater Nanaimo Pollution Control Centre (GNPCC) located at 4600 Hammond Bay Road in Nanaimo, BC. One detailed Request for Proposal (RFP), stemming from this RFQ, is anticipated to be issued in each year of the project.

The RDN invites Submissions in response to this RFQ from interested and experienced contractors (Respondents) in providing the following services (work):

1. Follow safety procedures applicable to the services below, meeting or exceeding the requirements of the BC OH&S Regulation, for the benefit of both contractor employees and RDN employees at or in the vicinity of the work site;
2. Supply material for and complete miscellaneous minor tank repairs, including:
 - a. Small structural steel support replacement, including painting of steel and installation of fasteners/anchor bolts where required;
 - b. Repair or replacement of wooden baffles;
 - c. Spot repair of cracks in concrete, using epoxy injection or other means specified by RDN;
 - d. Spot repair of voids in concrete, using cementitious or other repair material specified by RDN;
 - e. Spot repair of localized, heavily deteriorated concrete, using cementitious or other repair material specified by RDN;
 - f. Renew elastomeric concrete joint sealant, including removal of old sealant and installation of new;
 - g. Adhere to relevant guidelines and standards listed in this RFQ, including QA/QC requirements;

- h. Dispose of resulting debris.
- 3. Supply and install multiple test patches of selected chemically resistant concrete repair and lining systems, including:
 - a. High or ultrahigh-pressure (HP WJ or UHP WJ) water blasting surface preparation to a pre-specified Concrete Surface Profile (CSP), as outlined in relevant guidelines and standards;
 - b. Spot chipping surface preparation;
 - c. Spot repair of voids in concrete, using cementitious or other repair material specified by RDN;
 - d. Application of surface repair material options such as or similar to those listed in Appendix A;
 - e. Application of top coat lining material options such as or similar to those listed in Appendix A;
 - f. Adhere to relevant guidelines and standards listed in Appendix B of this RFQ, including QA/QC requirements;
 - g. Dispose of resulting debris.
- 4. Remove and recycle/dispose of existing grit and primary sedimentation tank sludge collector mechanisms, including drives (lockout and electrical disconnection by Others);
- 5. Surface prepare tank wall concrete, using high or ultrahigh-pressure (HP WJ or UHP WJ) water blasting, chipping or other means identified in the applicable detailed scope of work, and dispose of resulting debris;
- 6. Apply surface repair material(s) to tank wall concrete, such as or similar to those listed in Appendix A;
- 7. Apply top coat lining material(s) to tank wall concrete, such as or similar to those listed in Appendix A;
- 8. Install new grit and primary sedimentation tank sludge collector mechanisms, including drives (electrical reconnection by Others);
- 9. Adhere to relevant guidelines and standards listed in Appendix B of this RFQ, including QA/QC requirements;
- 10. Clean up the work site on a daily basis and upon demobilization of work crews;
- 11. Other services, related or incidental to the above items, identified in detailed scope of work packages

Detailed scope of work packages for each phase of the work will be issued as part of an annual RFP procurement process, currently envisioned to begin in 2023 and end in 2025. The annual RFP's will be issued solely to firms qualified through this RFQ process. Thanks for your interest in working with the RDN.

3. BACKGROUND

The RDN owns and operates the GNPCC wastewater treatment plant. The treatment process begins by routing the wastewater influent through a screening system. Following this, the influent is directed through three aerated grit tanks and then four primary sedimentation tanks. The fourth primary sedimentation tank was installed much more recently, in 2013, and is not included in the scope of the tank refit project related to this RFQ.

The No's 1 and 2 grit tanks, and No's 1, 2 and 3 primary sedimentation tanks, were all installed in 1973. The No. 3 grit tank was installed in 1989. Please refer to Appendix C for copies of the site layout and tank general arrangement drawings.

All these tanks have been subject to slowly occurring corrosion/erosion due to influent chemical exposure, incidental biological action of the influent and hydraulic/mechanical forces related to influent flow and collector mechanism action. Inspections of the No.3 grit and primary sedimentation tanks were completed in 2022. Copies of these reports, including photos, are attached in Appendix D.

The RDN has ordered replacement collector mechanisms and drives for No's 1, 2 and 3 grit and primary sedimentation tanks. While not identical, this new equipment shares many features of the mechanism equipment installed in No. 4 primary sedimentation tank. The order is due to arrive at GNPCC in March of 2024. "For Information Only" copies of the No. 4 primary sedimentation tank layout and installation drawings are attached for reference in Appendix E.

4. INTENT OF THE QUALIFICATION PROCESS

All Respondents who meet or exceed the required evaluation score, outlined below, will be prequalified to participate in following annual RFP processes. The RDN will notify the successful Respondents in writing that they have been prequalified and will be included on the list of proponents to receive RFP's for the project. This notice will include the target date for the release of the first RFP, which is anticipated to follow in spring 2023.

5. SUBMISSION AND EVALUATION

Notwithstanding the requirements listed elsewhere in this document, Submissions are being sought from contractors who can demonstrate:

- Capacity to undertake the proposed works, commencing as early as June 2023 and completing ideally by August 2025 and no later than August 2026;
- Applicable corporate experience;
- Experience undertaking multi-trade, multi-shift brownfield construction on active wastewater treatment systems with similar scale projects;
- Experience with sludge collector mechanisms or similar equipment;
- Experience with structural concrete repairs in accordance with the guidelines and standards listed in Appendix B of this RFQ;
- Experience with concrete surface preparation in accordance with the guidelines and standards listed in Appendix B of this RFQ;
- Experience with application of concrete surface repair and top coat lining materials, such as or similar to those listed in Appendix A;
- Key personnel with relevant experience, such as project manager, superintendent or foreman.



- Established corporate programs pertaining to safety, and quality control; and
- Record of superior performance by the Respondent's team as verified by references.

A clear and concise presentation of information is encouraged. No assumption should be made that the information regarding a respondent is known to the RDN except as provided in its submission. Thanks to Respondents for assembling submissions as described in Section 5.1 below.

5.1 Format of the Submission

- a) Letter of Introduction (One page introducing the Respondent, signed by the person(s) authorized to sign on behalf of the Respondent).
- b) Filled out Canadian Construction Documents Committee form CCDC 11-2019 Contractor's Qualification Statement (Available online, example in Appendix F; list RDN RFQ number as Project Number)
- c) Additional Statement of Qualifications (Fill out document template in Appendix G)

5.2 Evaluation of Submissions

The RDN will evaluate the submissions received and, at its sole discretion, may make selections on a stand-alone or comparative basis during the evaluation, by comparing a submission received from one Respondent to that of another Respondent(s), to determine the submissions that will be the most advantageous to the RDN. The submission evaluation process is expected to take 2 to 3 weeks, depending on the number of Respondents.

To assist in the evaluation of the Submissions, the RDN may, in its discretion:

- a. Conduct any background investigations and/or seek any additional information that it considers necessary;
- b. Conduct any reference checks that it considers necessary to take into account the Respondent's past performance or conduct on previous contracts, including checking references other than those provided by the Respondent;
- c. Seek clarification on a Submission or supplementary information from any or all Respondents;
- d. Request interviews with any, some, or all Respondents to clarify any questions or considerations based on the information included in a Submission or seek any supplementary information; and
- e. Rely on and consider any information obtained pursuant to this section and/or any additional information in the evaluation of Submissions.

The RDN reserves the right, but shall not be obligated, to advance a previously unsuccessful Respondent to the list of proponents, should a previously prequalified Respondent advise the RDN in writing that they cannot participate in an RFP issued for the project. Prequalified Respondents unable to participate in one RFP may be invited to participate in any remaining RFP's, at the discretion of RDN.

The RDN reserves the right to not complete a detailed evaluation if the RDN concludes the Submission is materially incomplete or, irregular or contain any terms that are unacceptable to the RDN.

Qualifications submitted should be in enough detail to allow the RDN to determine the qualifications and capabilities of a Respondent from the documents received. The selection committee, formed at the



RDN's sole discretion, will assign a consensus score the Submissions, based on the information acquired by RDN, as outlined in sections 5.1 and 5.2 above, and in accordance with the criteria provided.

Respondents must meet a minimum of 75 points out of 100 points to be prequalified.

The RDN evaluation of the Submissions and assessment of the Respondent's qualifications shall be final.

The RDN reserves the right to award assignments stemming from this RFQ in whole or in part or to add or delete any portion of the work.

6. GENERAL CONDITIONS

6.1 No Contract

By submitting a response and participating in the process as outlined in this RFQ, Respondents expressly agree that no contract of any kind is formed.

6.2 Privilege Clause

The highest ranked or any Response may not necessarily be accepted.

6.3 Acceptance and Rejection of Submissions

This RFQ does not commit the RDN, in any way to shortlist Respondents, or to proceed to negotiate a contract, or to award any contract in any manner. The RDN reserves the right, in its sole discretion, to cancel this RFQ, up until award, for any reason whatsoever.

The RDN may accept or waive a minor and inconsequential irregularity, or where applicable to do so, the RDN may, as a condition of acceptance of the Submission, request a Respondent to correct a minor or inconsequential irregularity with no change in the Submission.

6.4 Conflict of Interest

Respondents shall disclose in their submission any actual or potential Conflict of Interest and existing business relationships it may have with the RDN, its elected officials, appointed officials or employees.

6.5 Solicitation of Board Members and RDN Staff

Respondents and their agents will not contact any member of the RDN Board or RDN Staff with respect to this RFQ, other than the RDN Contact named in this document.

6.6 Litigation Clause

The RDN may, in its absolute discretion, reject a submission submitted by a Respondent, if the Respondent, or any officer or director of the Respondent is or has been engaged either directly or indirectly through another corporation in legal action against the RDN, its elected or appointed officers and employees in relation to:

- (a) any other contract for works or services; or



- (b) any matter arising from the RDN's exercise of its powers, duties, or functions under the Local Government Act, Community Charter or another enactment within five years of the date of this Request for Qualifications.

In determining whether to reject a submission under this clause, the RDN will consider whether the litigation is likely to affect the Respondent's ability to work with the RDN, its consultants and representatives and whether the RDN's experience with the Respondent indicates that the RDN is likely to incur increased staff and legal costs in the administration of this Contract if it is awarded to the Proponent.

6.7 Exclusion of Liability

Respondents are solely responsible for their own expenses in preparing and submitting a response and for any meetings, negotiations, or discussions with the RDN. The RDN will not be liable to any Respondents for any claims, whether for costs, expense, losses or damages, or loss of anticipated profits, or for any other matter whatsoever, incurred by the Respondents in preparing and submitting a response, or participating in negotiations for a Contract, or other activity related to or arising out of this RFQ. Except as expressly and specifically permitted in this Request for Qualifications, no Respondent shall have any claim for compensation of any kind whatsoever, as a result of participating in this RFQ and by submitting a response each Respondent shall be deemed to have agreed that it has no claim.

6.8 Ownership of Submissions

All submissions, including attachments and any documentation, submitted to and accepted by the RDN in response to this RFQ become the property of the RDN.

6.9 Freedom of Information

All submissions will be held in confidence by the RDN. The RDN is bound by the Freedom of Information and Protection of Privacy Act (British Columbia) and all documents submitted to the RDN will be subject to provisions of this legislation.

6.10 Bonding

Construction Bonds will be required for this project. The successful Proponent, for any RFP resulting from this RFQ, is required to provide a Performance Bond and a Labour and Material Payment Bond, each in the amount of 50% of the total stipulated contract price. All bonds must be issued by a surety company licensed to conduct business in the Province of British Columbia.

APPENDIX A

Contemplated Concrete Surface Repair and Topcoat Lining Materials

Manufacturer	Product	Type	Application Method
Belzona	4141, 4111 and/or 5811	Epoxy mortar	Trowel (4141/4111) and plural spray (5811)
Epoxytec	CP – Compound Polymer paste	Reinforced structural grade Epoxy	Trowel
Neopoxy	NPR-5300	Epoxy	Trowel
Sauereisen	Sewergard Trowelable No. 210T	Epoxy mortar	Trowel
Sherwin-Williams	Dura-Plate 2300, Macropoxy 5000 and/or Dura-Plate 6000	Epoxy	Trowel (2300), brush-roller (5000), single leg or plural spray (6000)
Tnemec	Series 218 MortarClad, Series 434 Perma-Shield H2S and/or Series G435 Perma-Glaze	Epoxy	Trowel (434), brush-roller and airless spray (435)

Please refer to product data sheets following.

APPENDIX B

Contemplated Reference Guidelines and Standards for the work

Organization	Reference No.	Title
Association for Materials Protection and Performance (AMPP)	NACE No. 6/SSPC-SP-13	Joint Surface Preparation Standard: Surface Preparation of Concrete
International Concrete Repair Institute (ICRI)	310.1R	Guide for Surface Preparation for the Repair of Deteriorated Concrete Resulting from Reinforcing Steel Corrosion
International Concrete Repair Institute (ICRI)	310.2R	Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays and Concrete Repair
International Concrete Repair Institute (ICRI)	320.1R	Guide for Selecting Application Methods for the Repair of Concrete Surfaces
International Concrete Repair Institute (ICRI)	320.2R	Guide for Selecting and Specifying Materials for Repair of Concrete Surfaces
American Society for Testing and Materials (ASTM)	D4262	Standard Test Method for pH of Chemically Cleaned or Etched Concrete Surfaces
American Society for Testing and Materials (ASTM)	D7234	Standard Test Method for Pull-Off Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers
American Society for Testing and Materials (ASTM)	D4541	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers
American Concrete Institute (ACI)	503R	Use of Epoxy Compounds with Concrete



APPENDIX C

Site Layout and Existing Tank General Arrangement Drawings



APPENDIX D

No. 3 Grit and Sedimentation Tanks July 2022 Inspection Reports



APPENDIX E

"For Information Only"

Copies of the No. 4 Sedimentation Tank Layout and Installation Drawings



APPENDIX F

Example Copy of CCDC 11-2019 Contractor's Qualification Statement



APPENDIX G

Additional Statement of Qualifications Document Template