

REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN (RDOS) REQUEST FOR PROPOSALS SPIRIT PARK WASHROOM

ISSUE DATE: August 2nd, 2024

CLOSING DATE: September 6th, 2024 @ 2:00 PM, Local Time

REQUEST FOR PROPOSALS SPIRIT PARK WASHROOM

PURPOSE

The Regional District of Okanagan Similkameen (RDOS) is requesting Proposals from qualified Respondents in accordance with these Request for Proposal Documents (RFP). Proposals will be evaluated using the evaluation criteria and factors provided in this RFP. The Respondent with the highest overall score will be invited to enter into a contract (the sample contract, page 24) with the Regional District and will provide the services described in Section 5 – Project Work.

The work will generally consist of: providing all materials and services required to construct the public washroom and septic system at Spirit Park.

This RFP document describes the services sought by the RDOS and sets out the RDOS's RFP process, basic proposal requirement and the evaluation criteria the RDOS intends to use to select a preferred proposal.

Respondents are encouraged to use innovation to provide a proposal that meets the needs of the Regional District and adds additional value to the project.

SUPPORTING DOCUMENTATION (Attached as Appendices)

- Appendix A Scope of Work Document

 July 3, 2024, Landform Architecture Ltd.
- Appendix B Architectural Drawings –July 3, 2024, Landform Architecture Ltd.
- Appendix C Septic Design November 08. 2023, GroundStone Enterprises Ltd.
- Appendix D Tracking and Reporting Fuel Use

Known Hazards and/or Dangers at the work-site

This project site is located within a public park and is adjacent to an elementary school. Ensuring the safety of the construction area by clearly separating it from public spaces is a top priority.

Submission methods

Proposals may be submitted to: Regional District of Okanagan-Similkameen, c/o Mike Ummenhofer, Procurement Manager, 101 Martin Street, Penticton BC V2A 5J9 Up to 2:00pm local time on the closing date.

Proposals may also be sent electronically to the following email address:

mummenhofer@rdos.bc.ca

Questions will not be accepted or answered after August 30th, 2024 @ 2:00 PM.

* PROPOSALS WILL NOT BE OPENED IN PUBLIC *

In order to submit a response to this RFP, the Respondent <u>MUST</u> be registered as a Plan taker on the BC BID Website:

https://www.bcbid.gov.bc.ca/page.aspx/en/usr/login?ReturnUrl=%2fpage.aspx%2fen%2fbuy%2fhomepage

Only by being registered, can a Respondent be certain to receive addenda notifications. It is the Respondent's (Plan taker's) responsibility to acknowledge all Addenda.

REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN REQUEST FOR PROPOSALS

SPIRIT PARK WASHROOM TABLE OF CONTENTS

PUR	POSE	2
SUP	PORTING DOCUMENTATION (Attached as Appendices)	2
RFP	CONTENTS:	6
BAC	KGROUND	6
1.	Work By Others	7
2.	Construction Phase	7
3.	Post-Construction/Close Out Phase	8
4.	Communications	8
5.	Safety Procedures	8
1.2	Budget	9
1.3	Form Of Services Contract	9
1.	Definitions Used in this RFP:	14
2.	Amendment of a Proposal by Respondent:	15
3.	Withdrawal of a Proposal by Respondent:	15
4.	Evaluation of Proposals & Award of Contract:	16
4.1.	Mandatory Criteria:	17
4.2.	Scored Criteria:	17
EVA	LUATION SCORE SHEET	18
NOT	ES:	18
4.3.	Scoring Method:	19
4.4.	Clarifications & Remedy Period:	19
4.5.	Ranking of Respondents:	19
4.6.	Conclusion and Execution of a Contract	19
5.	Other Terms & Conditions of this RFP Process:	20
5.1.	Proposals in English:	20
5.2.	Only One Entity as Respondent:	
5.3.	Proposals to Contain All Content in Prescribed Forms:	20

5.4.	References and Experience:	21
5.5.	RFP Scope of Work is an Estimate Only:	21
5.6.	Respondent's Expenses:	
5.7.	Retention of Proposals and FOIPPA:	21
5.8.	Notification and Feedback to Unsuccessful Respondents:	21
5.9.	Conflict of Interest:	22
5.10	Confidentiality:	22
5.11	. No Contract A and No Claims:	22
5.12	Right to Cancel RFP:	22
5.13	. Governing Law and Trade Agreements:	23
PAR	T D SAMPLE CONTRACT	24
PAR	Γ E CONTENTS:	34
PRICIN	G FORM34	
1.	Pricing Basis:	34
2.	Fixed Lump Sum Prices:	
3.	Unit Prices:	
4.	Payment Terms:	
METHO	DOLOGY AND APPROACH FORM36	
1.	Mathadalagy & Approach	26
	Methodology & Approach:	30
SUBC	ONTRACTOR FORM40	
SCHEE	ULE FORM41	
EXCEF	TIONS TO CONTRACT FORM42	
1.	Statement on Exceptions to Contract:	42
Wha	t is a conflict of interest?	44
Соммо	N QUESTIONS AND BEST PRACTICES FOR VENDORS46	

RFP CONTENTS:

This Request for Proposals (the "RFP") is organized into the following parts:

- Part A- Background
- Part B: The Services full details of the consulting Services required
- Part C: The RFP Process the process for submissions, evaluation and award of the Contract
- Part D: The Contract the Contract the Regional District will enter into with the selected Contractor
- Part E: Sample Forms Sample forms a Respondent should use to submit the information necessary to evaluate the Respondent.

PART A

BACKGROUND

Within the vibrant community of Naramata, Spirit Park stands as a focal point, offering approximately 0.60 hectares of recreational space. Nestled on the east side of Naramata's center, this park serves as a vital recreational hub for residents and visitors alike.

In recent years, user numbers at Spirit Park have significantly increased, primarily due to the addition of pickle ball and tennis courts. These facilities have attracted a diverse group of sports enthusiasts, further enhancing the park's popularity.

Spirit Park has undergone development conceptual planning, with a focus on improved drainage, enhanced accessibility, and upgraded amenities. As part of this ongoing development, the installation of a permanent bathroom facility has been identified as a critical component. This new facility will replace the seasonal portapotties, providing a year-round washroom solution to support the winter ice rink and other park activities throughout the year.

PART B

THE SERVICES

1.0 SCOPE OF WORK:

The Contractor will provide all equipment, materials and services required to construct the public washroom and septic system at Spirit Park. See Scope of Work document in Appendix A.

The Contractor is responsible to secure all permits not already in place and meet local, provincial and federal regulations. Note that a Building Permit application has been submitted for this project.

The Contractor shall be responsible for locating all underground utilities which may be affected by the work and report any possible conflicts to the RDOS Project Manager prior to construction.

The Contractor shall leave the site in a neat and tidy condition, at the end of each working day, and at the completion of the contract. All areas/infrastructure disturbed by the Work must be restored to pre-construction condition. For clarity, this includes restoration of damage to any landscaping and irrigation components.

The Contractor shall ensure public safety is maintained at all times during the contract.

Any/all costs incurred by the Contractor due to vandalism of equipment and project material will be the responsibility of the Contractor.

The Respondent is asked to include any items/tasks not listed (but required based on their expertise) in the Proposal:

1. Work By Others

The Regional District may retain independent contractor(s) to verify standards and design criteria are being met. This does not relieve the contractor from completing their own testing.

2. Construction Phase

All Work will be performed in accordance with this Request for Proposals and the individual sections within. Project Work will comply with all applicable construction, environmental and safety standards and requirements.

Note:

- Removal and disposal of all waste materials will be the responsibility of the Contractor as part of the Work.

- Any/all construction survey layout will be the responsibility of the Contractor.

3. Post-Construction/Close Out Phase

The Contractor will schedule and conduct a final walk through of the site to review all project Work upon completion. The purpose will be to confirm Work is complete and in substantial conformance with the design and project requirements, or to identify deficiencies. Any/all deficiencies will be addressed and corrected before the Regional District considers the Work complete.

4. Communications

Project communications will be a key component in the success of the project and will carry through all project phases. At minimum, the Regional District expects the following:

- Meet with the Regional District project manager to initiate the project and confirm scope, key dates and requirements as well as to review/identify milestone accomplishments and resolve any challenges.
- Meet with RDOS staff to consult with and review design plans through to approval of said design.
- Verbal status updates to the Regional District project manager will be required weekly throughout the entire project.

5. Safety Procedures

Prior to the start of the project, the successful Respondent is required to supply the Regional District with their written safety protocols. The Respondent will also be informed of the Regional District's safety requirements at that time.

While undertaking the Work, the Respondent is required to meet or exceed (at all times) any/all requirements as detailed at the place of Work, which includes but is not limited to all OHS regulations and standards.

PART C

RFP PROCESS

1.1 CONSTRUCTION TIMELINE

The Spirit Park Washroom Project must be completed and delivered to the RDOS by December 31st, 2024. Key milestone dates are identified in Figure 1. These dates may change as the work unfolds.

Figure 1
Timeline Dates

Task	Completion Date
RFP Issued	August 2, 2024
Site Visit	August 13 th , 2024 10:00 A.M. Spirit Park, 860 Robinson Avenue, Naramata, BC.
RFP Closing Date	September 6 th , 2024
Respondent Selected (estimated)	September 11 th , 2024
Contract Documents Finalized and Executed	September 19, 2024
Construction	October - December, 2024
Substantial Completion	December 13 th , 2024
Site Clean Up / Construction Complete	December, 31 st , 2024

1.2 Budget

The Regional District has budgeted a maximum of \$225,000 (taxes included), for the completion of the Spirit Park Washroom project.

1.3 Form Of Services Contract

The basic form of contract the Regional District proposes to enter for the Contractor services is attached as **Part D** of this RFP. The Regional District may require modifications to the form of contract in order to address the specific requirements of this RFP, the content of the preferred proposal and subsequent negotiations.

1.4 No Contractual Obligations As a Result of RFP or Proposal

This is a request for proposals only, and not a call for tenders or request for binding offers. Nothing in this RFP is intended to constitute an offer of any kind by the Regional District and no contractual obligations whatsoever (including "Contract A") shall arise as a result of the submission of a proposal in response to this RFP.

SUBMISSION REQUIREMENTS

2.0 PROPOSAL CONTENT

2.1 Covering Letter

A covering letter signed by an authorized representative of the Respondent, outlining the proposal and stating that the information contained in the proposal accurately describes the services to be provided.

2.2 Respondent's Team:

A list of the individuals forming part of the Respondent's team that is to provide the requested Respondent services, including a description of each individual's role and resumes for each team member acting in a supervisory role. Refer to Team information form, page 39.

The Proposal shall also list key individuals, including the project manager and sub-contractor(s) who will have major responsibilities for the performance of the work. Describe the work to be performed by each listed individual and their qualifications, in terms of education and substantive experience directly related to the proposed Work. Capacity and ability of the Project Manager and Project Team to deliver the services within the defined timeframe must be discussed.

Furthermore, the Proposal shall confirm the proposed project manager will be the single point of contact, and responsible for direct interaction with the Regional District. Describe the work to be performed by the project manager and his/ her qualifications and substantive experience directly related to the proposed Work.

The Proposal shall include the following endorsement: "Identified Key Project Team members shall only be replaced with written approval of the Regional District."

2.3 Subcontractors and Sub consultants

The Proposal shall include the company name of all subcontractors and sub consultants proposed to be used in the performance of the Work with a description of the work they would be performing. Also refer to Subcontractor list page 40.

The subcontractors and sub consultants listed in the Proposal may not be changed without the written consent of the Regional District. If the Regional District so requires, the Respondent shall be prepared to confirm to the Regional District the competence of subcontractors and sub consultants prior to acceptance of the Proposal.

2.4 Methodology

The Proposal shall contain an outline of strategies and skills that will be used to manage the project's expectations, resources, and budget and to ensure quality control. The methodology must discuss how the Work listed in the Scope of Work will be completed. Please refer to Methodology Form page 36.

In their own words, the Respondent must show that they have an understanding of what the Work involves and what is required to complete the project, specifically an understanding of the project critical issues and fixed budget.

2.5 Scheduling

The proposal shall include a schedule for the delivery of the project which will work within the Milestone Dates provided in figure 1, page 9.

2.6 Fees & Disbursements

The proposal will set out all fees and costs to be charged to the Regional District in order to complete the Pioneer Park Sports Court Replacement Project and shall specify a maximum or not-to-exceed dollar amount up to and including the completion of all construction through to issuance of as-built plans. The maximum costs or not-to-exceed amount will include all taxes, labour, equipment, subconsultant expenses, permits, approvals and disbursement costs.

The maximum/not-to-exceed amount shall be provided in a detailed breakdown of costs in the form of a Schedule of Materials, Equipment and Labour for the entire construction project.

The Proposal may include pricing for the optional item to sandblast (or equivalent) and paint the concrete retaining wall within the court. Price for this item (if included) should be in the same format as that described above. The cost of the optional item will be excluded from the calculation during the Proposal evaluation. A complete rate schedule for staff and equipment shall be provided to be used in the event that time and material work is necessary.

Any costs incurred by the Respondent above the submitted maximum cost will be the sole responsibility of the Respondent unless pre-approved by the Regional District.

Fees must include all applicable taxes, but show taxes as separate items. All prices quoted to be in Canadian dollars.

The successful Respondent shall prepare and submit invoices based on the requirements defined within the contract (sample contract within) and will reflect the final cost breakdown (Schedule of Materials, Equipment and Labour) provided to the RDOS.

Any extra/time and material/force account work will only be performed by the Respondent if approved by the RDOS project manager prior to said work. Approval will be in the form of a signed Change Order prepare by the Respondent and submitted to the RDOS project manager.

The obligations of the Regional District to the Builder's Lien Act of British Columbia will be applied to the payment for the Work as required.

Please refer to Price Table 1.

2.7 Workers Compensation Act

The Respondent, and any proposed subcontractors and sub consultants, must provide a Work Safe BC (Workers Compensation Board) Registration Number in the Proposal and shall at the time of signing a contract agreement, provide proof of payment of claims in good standing with Work Safe BC.

2.8 Forms Provided in Part E

Respondents shall also complete and include all forms provided in Part E.

INSTRUCTIONS TO RESPONDENTS

3.1 Questions Regarding this RFP:

Any question a Respondent has related to this RFP process must be submitted to the RDOS in writing. Questions regarding this RFP must not be submitted to the RDOS via any other method. Answers to questions received will be provided either directly to the Respondent or via an addendum to all Respondents, through the BC Bid System. Information obtained from any source other than the RDOS through the BC Bid System is unofficial and must not be relied upon as part of this RFP.

All questions regarding this RFP must be submitted prior to the 'Deadline for Questions' detailed under Section 3.2 of this RFP. Questions received after the Deadline for Questions will be addressed if time permits.

The Respondent is solely responsible for seeking any clarification required regarding this RFP, and the RDOS shall not be held responsible for any misunderstanding by the Respondent.

3.2 Timetable:

This RFP process will run to the following timetable. This timetable may be amended at the RDOS's discretion through the issuance of addenda to this RFP.

Event:	Date:
Issue Date of this RFP	August 2 nd , 2024
Pre-Construction Meeting (non-	August 13 th , 2024
Mandatory)	
Deadline for Questions	August 30 th , 2024 @ 2:00 PM
Last Day for Issue of Addenda	September 3 rd , 2024
RFP Closing Date and Time:	September 6 th , 2024 @ 2:00 PM
	Local time.
Project Award (estimated)	September 11 th , 2024

Proposals may be submitted by hand to:

Mike Ummenhofer, Procurement Manager Regional District of Okanagan Similkameen, Reception, 101 Martin Street, Penticton BC V2A 5J9 Up to 2:00pm local time on the closing date.

Proposals may also be sent electronically to the following email address:

mummenhofer@rdos.bc.ca

Please Note: Respondents are cautioned that the timing of their proposal submission is based on when the Proposal is received by the Regional District. Proposals submissions can be delayed due to file size, transmission speed and other factors. For this reason, it is recommended that the Respondent(s) allow sufficient time to deliver or email their Proposal, including all attachments and other submission details.

The RDOS assumes no responsibility for the receipt of Proposals where the instructions detailed above have not been complied with.

1. Definitions Used in this RFP:



The following are definitions used in this RFP document. Whenever one of the following terms is used with a capitalized first letter, the term shall have the meaning as set out below.

- 1.1. "Addenda" or "Addendum" means additional information or amendments to this RFP, issued by the RDOS in accordance with Section 3.2 Timetable.
- 1.2. "Contract" means a written contract for the provision of the Extreme Heat Assessment and Response Plan Services that may result from this RFP, executed between the RDOS and the successful Respondent.
- 1.3. "Pioneer Park Sport Court Replacement" means the work which the RDOS seeks to be provided by the successful Respondent, as outlined in Part B.
- 1.4. "Proposal" means a Proposal submitted by a Respondent in response to this RFP.
- 1.5. "RDOS" means the Regional District of Okanagan Similkameen.
- 1.6. "Respondent" means the successful Respondent to this RFP who enters into a Contract with the RDOS.
- 1.7. "RFP" means this Request for Proposals (Pioneer Park Sports Court Replacement), including all forms.
- 1.8. "RFP Closing Date and Time" means the date and time that Proposals to this RFP must be received by in accordance with Section 3.2. The time will be determined by the RDOS web clock.
- 1.9. "Section" means the numbered section of the referenced part of this RFP.
- 1.10. "Services" means the services which the RDOS seeks to be provided by the successful Respondent, as outlined in Part B.
- 1.11. "Sub-Contractor" means a person, partnership, firm or corporation that the Respondent proposes to contract with to deliver part of the Services, in a subordinate relationship to the Respondent.

2. Amendment of a Proposal by Respondent:

A Respondent may amend a Proposal at any time up until the RFP Closing Date and Time. Amendments may be submitted in the same way as the original Proposal, as detailed in Section 3.2 of this RFP.

3. Withdrawal of a Proposal by Respondent:

A Respondent may withdraw a Proposal that is already submitted at any time throughout the RFP process, including after the Closing Date and Time. To withdraw a Proposal before the Closing Date and Time, the Respondent must contact the RDOS in writing in the same manner as the original submission. To withdraw a Proposal after the Closing Date and Time, the Respondent shall submit a request in writing to:

Attention:

Mike Ummenhofer, Procurement Manager Regional District of Okanagan Similkameen 101 Martin Street Penticton, B.C. V2A 5J9

AND/OR

mummenhofer@rdos.bc.ca

Addenda Issued by RDOS:

This RFP may only be amended by way of an Addendum issued in accordance with this Section. At any time up until the Closing Date and Time, the RDOS may issue an Addendum in order to amend, clarify, or answer questions to this RFP. Each Addendum will be issued through the BC Bid portal. Each Addendum will form an integral part of this RFP. Respondents are solely responsible for checking for Addenda up until the Closing Date and Time. If the RDOS deems it necessary to issue an Addendum after the Last Day for Issue of Addenda, as detailed in Section 3.2, then the RDOS may extend the RFP Closing Date and Time in order to provide Respondents with more time to complete their Proposal.

Respondents are required to acknowledge any and all addenda issued by the RDOS, using the Addenda Acknowledgement form, on page 43 to be included with the Respondent's submission.

Send General & Technical Enquiries to:

General Inquires:

Mike Ummenhofer, Procurement Manager Email: mummenhofer@rdos.bc.ca

Technical Inquiries to:

Kyle Gabelhei, Projects Supervisor Email: kgabelhei@rdos.bc.ca

4. Evaluation of Proposals & Award of Contract:

The RDOS will conduct the evaluation of Proposals and selection of a successful Respondent in accordance with the process detailed in this Section. Evaluation of Proposals will be by an evaluation committee which may include RDOS employees and/or Consultants. The RDOS's intent is to enter into a Contract with the Respondent who has met all mandatory criteria and who has the highest overall ranking based, on this evaluation process.

The proposal evaluation process also recognizes that "Best Value" is the essential part of purchasing a product and/ or service and therefore the Regional District may prefer a Proposal with a higher price, if it offers greater value and better serves the Regional District's interests, as determined by the Regional District, over a Proposal with a lower price.

The cost of the optional item will be excluded from the calculation during the Proposal evaluation.

The evaluation score sheet, on page 18, contains the information regarding how Proposals will be evaluated.

Furthermore, the Regional District may, at its sole discretion:

- reject any or all Proposals whether complete or not,
- · reject any Proposal it considers not in its best interest,
- waive any minor irregularity or insufficiency in the Proposal submitted,
- not be liable for misunderstandings or errors in the Request for Proposals,
- issue addenda to the Request for Proposals,
- contact references provided by the Respondents,
- retain independent persons or contractors for assistance in evaluating Proposals,
- request points of clarification to assist the Regional District in evaluating Proposals,
- · negotiate changes with the successful Respondent,
- award separate contracts for separate work components, and
- withdraw the Request for Proposals, without liability to any Respondent(s).

4.1. Mandatory Criteria:

Proposals not clearly demonstrating that they meet the following mandatory criteria will be excluded from further consideration in the evaluation process.

Mandatory Criteria:

The Proposal must be received by the RFP Closing Date and Time, in accordance with the requirements of Section 3.2 and include the following:

Price Table form page 35

Methodology form page 36

Experience, Team & Reference form page 37

Schedule Form page 41

Subcontractor List page 40

Addenda Acknowledgement form page 43

Conflict of interest form page 44

Exceptions to contract form page 42

4.2. Scored Criteria:

Proposals that meet all of the Mandatory Criteria will be further assessed against the following scored criteria.

EVALUATION SCORE SHEET – NOTES:

PROJECT: SPIRIT PARK WASHROOM		œ	AAL		Q	DING	F 100
RESPONDENT:		POOR	MARGINAL	FAIR	G005	OUTSTANDING	TOTAL OF 100
CRITERIA	WEIGHT	0.4	0.5	0.7	0.9	1	MAX PTS 100
Price	10						
Methodology & Approach - Clear understanding of project scope, challenges and solutions required - work plan which meets or exceeds the Regional District's needs - creativity in solutions provided - demonstration of any "value added service" the Respondent provides	40						
Experience, Team & References - Respondent demonstrates experience on projects with similar scope and needs - qualification and experience - skills of proposed team members - sub-Contractor experience, skills and qualifications -availability of Resources Schedule -Suitability with the Regional District's milestone dates	35						
-Feasibility of Timeline. Exceptions to the Contract	5						
EVALUATION TOTAL:							

4.3. Scoring Method:

The following method will be used to score the criteria:

- Price: Price will be scored relative to other Respondents using the following formula:
 - Lowest Price ÷ Respondent's Price × Weighting = Score
 Other Criteria: All other criteria (except Price) will be scored by the evaluation committee, which will then be multiplied by the Weighting factor to provide a total weighted score out of 100 which includes price.

4.4. Clarifications & Remedy Period:

Notwithstanding the requirements for mandatory criteria and scored criteria detailed above, the RDOS will allow the following remedies and clarifications at its sole discretion:

- Remedy for missing submission requirements: If the RDOS finds that a Proposal fails to meet all of the submission requirements required of this RFP, then the RDOS may provide written notification to a Respondent which identifies the requirements not met and provides the Respondent with 48 hours to remedy and supply the requirements. The 48 hours shall commence upon notification by the RDOS to the Respondent. This option to remedy missing requirements shall not apply to Proposals not received by the RFP Closing Date and Time.
- Clarification of Proposals: During evaluation of the scored criteria, the RDOS may at its sole option, request further details or clarification from the Respondent and/or third parties, on aspects of a Proposal by way of a written request for clarification. The written request shall clearly state the required clarification and time limit to supply the information requested. Following receipt of the clarification information, the RDOS may use this information to reassess and/or re-score the Proposal according to the scored criteria.

4.5. Ranking of Respondents:

Following completion of the evaluation against the scored criteria, the weighted scores for each Proposal will be added together, and Proposals will be ranked according to their total weighted scores. The Respondent with the highest-ranked Proposal will be invited to conclude a Contract with the RDOS. In the event that two or more Proposals have an equal total weighted-score, then the Respondent with the Lowest Total Price will be invited to enter into a Contract with the RDOS.

4.6. Conclusion and Execution of a Contract

Neither the RDOS nor any Respondent will be legally bound until the execution of a written Contract or issuance of a Purchase Order. Following an invitation to a Respondent, by the RDOS, to conclude a Contract, it is expected that the

RDOS and that Respondent would enter into discussions which may include, among other things:

- Clarification or amendment to the requirements, plus any resulting price adjustments, based on items submitted in the Proposal.
- Amendments to the terms and conditions, based on items submitted in the Proposal.

The RDOS would seek to execute a Contract within 10 days of issuing an invitation to the Respondent to conclude a Contract. If the RDOS and the Respondent do not, for any reason, execute a Contract within this time-period, the RDOS may discontinue the process with that Respondent and invite the Respondent with the next-highest-ranked Proposal to conclude a Contract. The RDOS may then continue this process until a Contract is executed, or there are no further Respondents, or the RDOS otherwise elects to cancel the RFP process entirely. For clarity, the RDOS may discontinue discussions with a Respondent if at any time the RDOS is of the view that it will not be able to conclude a Contract with that Respondent.

5. Other Terms & Conditions of this RFP Process:

The following terms and conditions shall also apply to this RFP:

5.1. Proposals in English:

All Proposals are to be in the English language only.

5.2. Only One Entity as Respondent:

The RDOS will accept Proposals where more than one organization or individual is proposed to deliver the service, so long as the Proposal identifies only one entity that will be the lead entity and will be the Respondent with the sole responsibility to perform the Contract if executed. Any other entity involved in delivering the Service should be listed as a Sub-Contractor. The Respondent may include the Sub-Contractor and its resources as part of the Proposal and the RDOS will accept this, as presented in the Proposal, in order to perform the evaluation. All Sub-Contractors to be used in the Service must be clearly identified in the Proposal.

5.3. Proposals to Contain All Content in Prescribed Forms:

All information that Respondents wish to be evaluated must be contained within the submitted Proposal. Proposals should not reference external content in other documents or websites. The RDOS may not consider any information which is not submitted within the Proposal or within the preprescribed forms set-out in this RFP.

5.4. References and Experience:

In evaluating a Respondent's experience, as per the scored criteria, the RDOS may consider information provided by the Respondent's clients on the projects submitted in the Proposal, and may also consider the RDOS's own experience with the Respondent.

5.5. RFP Scope of Work is an Estimate Only:

While the RDOS has made every effort to ensure the accuracy of the requirements and/or Services described in this RFP, the RDOS makes no guarantees as to the accuracy of the information provided. Any quantities or measurements provided are estimates only and are provided to describe the general nature and scale of the Services. Respondents must obtain all information they deem necessary, including verification of quantities or measurements in order to complete a Proposal.

5.6. Respondent's Expenses:

Respondents are solely responsible for their own expenses in participating in this RFP process, including costs in preparing a Proposal and for subsequent finalizations of an agreement with the RDOS, if required. The RDOS will not be liable to any Respondent for any claims, whether for costs, expenses, damages or losses incurred by the Respondent in preparing its Proposal, loss of anticipated profit in connection with any final Contract, or any matter whatsoever.

5.7. Retention of Proposals and FOIPPA:

Proposals submitted to the RDOS will not be returned and will be retained by the RDOS and shall become the property of the RDOS upon submission. Respondents should note that the RDOS may choose to make public any part of this Proposal, or any Proposal and any executed contract-- including the Contractors name and total contract price-- and further that, regardless of whether and the extent to which the RDOS elects to make anything available to the public, the RDOS would be required to disclose all or part of a Proposal or the executed contract pursuant to a request for disclosure under the Freedom of Information and Privacy Act (FOIPPA). Respondents should be aware of and review the RDOS's obligations under FOIPPA and the RDOS's limited ability to refuse to disclose third party information pursuant to Section 21 of FOIPPA.

5.8. Notification and Feedback to Unsuccessful Respondents:

Notification of awards shall be made via the BC Bid portal. Unsuccessful Respondents may then request a feedback email or telephone call with an RDOS representative in order to obtain feedback on how their Proposal faired in the evaluation. Such requests for feedback must be made within 30 days of notification of the RFP results. Details of feedback provided will be at the

RDOS's sole discretion in order to protect the confidentiality of other Respondents and the RDOS's commercial interest.

5.9. Conflict of Interest:

All Respondents must disclose an actual or potential conflict of interest, by completing the Conflict-of-Interest form, included on page 44 that are requested of Respondents when submitting a Proposal. The RDOS may, at its sole discretion, disqualify any Respondent from this RFP process, if it determines that the Respondent's conduct, situation, relationship (including relationships of the Respondent's employees and RDOS employees) create or could be perceived to create a conflict of interest.

The RDOS may rescind or terminate a Contract entered into if it subsequently determines that the Respondent failed to declare an actual or potential conflict of interest during this RFP process.

5.10. Confidentiality:

All information provided to Respondents by the RDOS as part of this RFP process is the sole property of the RDOS and must not be disclosed further without the written permission of the RDOS.

5.11. No Contract A and No Claims:

This RFP process is not intended to create binding offers and no contractual obligations whatsoever (including what is commonly referred to as 'Contract A') shall arise between the RDOS and any Respondent upon the submission of a Proposal in response to this RFP. For extra clarity, both the Respondent and the RDOS are free to cancel their participation in this RFP process at any time up until the execution of a written Contract or issuance of a Purchase Order by the Regional District for the Services.

Without limiting the above paragraph, no Respondent shall have any claim whatsoever against the RDOS for any damage or other loss resulting from a Respondent's participation in this RFP, including where the RDOS does not comply with any aspect of this RFP as well as any claim for loss of profits or Proposal preparation costs should the RDOS not execute a Contract with the Respondent for any reason whatsoever.

5.12. Right to Cancel RFP:

Although the RDOS fully intends to conclude a Contract as a result of this RFP, the RDOS may at its sole discretion, cancel or amend this RFP process at any time without any liability to any Respondent.

5.13. Governing Law and Trade Agreements:

This RFP is governed by the laws of the Province of British Columbia and any other agreements which exist between the Province of British Columbia and other jurisdictions.

PART D SAMPLE CONTRACT

SERVICES CONTRACT FOR

THIS A	GREEMENT d	ated the	day of		201 <u>.</u> .
BETW	EEN:	REGIONAL DISTRIC 101 Martin St PENTICTON, BC V2/ (the "Regional District"	\ 5J9	SIMILKAMEEN	
AND:		COMPANY address			
		(the "Contractor")			
the Re such s \$1.00 p	gional District a ervices to the paid by each pa	ional District wishes to and the Contractor wis Regional District, THI arty to the other, and ot acknowledges), the Re	hes to contract wit S AGREEMENT is ner good and valua	h the Regional Dist evidence that in co ble consideration, (t	trict to provide onsideration of the receipt and
1.	Definitions				
	In this Agreem	nent, in addition to the	vords defined abov	re,	
		Proposal" means the Co f the Services, dated			
		rict Representative" mea	ans or	such other person a	s the Regional
	certificates, op	I Approvals" means erating certificates and are required for or in cor	other approvals of	any kind from any	Governmental
		I Authority" means any agency, authority, boa			overnment or

"RFP" means the Request for Proposals for the services issued by the Regional District dated.

"Personnel" means any individuals identified by name in the Contractor's Quotation and any individuals employed or otherwise engaged by the Contractor to perform the Services with

"Services" means the services and work described in the RFP, including all acts, services and work necessary to achieve the objectives set out in the RFP.

the prior consent of the Regional District;

"Specifications" means the specifications and other requirements for the Services set out in the RFP.

"Standards" means any and all laws, enactments, bylaws, statutes, regulations, rules, orders, permits, licenses, codes, building codes, covenants, professional standards and specifications (including Canadian Standards Association standards) applicable to the provision of the Services, as they are in force from time to time or in the latest current version, as the case may be.

2. Contractor Services

The Contractor shall perform the Services and shall do so in accordance with the Specifications, all Standards and the terms of this Agreement.

The Contractor shall:

- (a) supply all labour, machinery, equipment, tools, supplies, material, labour and other services and things necessary to perform the Services in accordance with this Agreement;
- (b) obtain, maintain in good standing and comply with the terms of all Governmental Approvals;
- (c) perform promptly and safely all of its obligations under this Agreement;
- (d) be just and faithful in the performance of its obligations under this Agreement, in its dealings with the public and in its dealings with the Regional District and the Regional District Representative;
- (e) promptly pay amounts owing to the Regional District under this Agreement when due; and
- (f) pay all costs and expenses whatsoever associated with performing the Services and its other obligations under this Agreement.

Project Scope Modifications

2.1 The Contractor is advised that the Regional District may modify elements of the project scope where these modifications are in the best interests of the Regional District. This may include deletion of certain tasks/deliverables, and/or cancellation of the project. The Regional District will ensure the Contractors are paid all eligible fees for works completed to the date of any proposed modification. Where unanticipated delays occur (for any reason) that impact (delay) aspects of the Contractor's work program, the Contractor shall not seek compensation for said delays. Further, no additional works shall be undertaken in relation to this assignment without the prior written approval of Regional District staff.

3. Term

This Agreement shall commence on _____ and expire on

4. Contractor Personnel

The Contractor will perform the Services using only the Personnel named in the Contractor's Proposal, unless otherwise approved in writing by the Regional District Representative.

5. Warranty as to Quality of Services

The Contractor represents and warrants to the Regional District that the Contractor and the Personnel have the education, training, skill, experience and resources necessary to perform the Services in accordance with this Agreement and the Contractor acknowledges and agrees that the Regional District has entered into this Agreement relying on the representations and warranties in this section.

6. Remuneration & Reimbursement

The Regional District shall pay the Contractor for the performance of the Services as follows:

[identify fees/disbursements or reference schedule or Contractor's Quotation]

7. Taxes

The Regional District shall be responsible for paying any goods and services taxes, harmonized sales taxes and provincial sales taxes payable with respect to the provision of the services to the Regional District.

8. Invoices & Payment

Not more than once each month, the Contractor may deliver an invoice to the Regional District, in respect of the immediately preceding month, setting out the aggregate amount of fees and disbursements claimed for Services performed in that preceding month. The Regional District shall, to the extent the Regional District is satisfied the fees and disbursements are for Services satisfactorily performed by the Contractor, pay the Contractor the fees and disbursements claimed in any invoice delivered in accordance with this section, within 30 days after delivery of such invoice to the Regional District.

9. Hold Back or Set Off

The Regional District may hold back payment or set off against payment if, in the opinion of the Regional District acting reasonably, the Contractor has failed to comply with any requirements of the Contract.

10. Regional District's Representative

The Regional District appoints the Regional District Representative as the only person authorized by the Regional District to communicate with the Contractor in respect of this Agreement. The Regional District shall not be bound to the Contractor by communication from any person other than the Regional District Representative.

11. Indemnity

The Contractor shall indemnify, and save harmless, the Regional District, and its elected and appointed officials, employees, Contractors and agents, from and against all claims, losses, damages, costs, expenses (including legal fees and disbursements), liabilities, actions and proceedings, suffered, made, incurred, sustained, brought, prosecuted, threatened to be brought or prosecuted, in any manner caused by, based upon, occasioned by or attributable to, any willful or negligent act or omission, or other actionable wrong, on the part of the Contractor, its employees, Contractors or agents, connected with the performance or breach of this Agreement by the Contractor. The Contractor's obligations under this section shall survive the expiry or earlier termination of this Agreement

12. Workers Compensation

The Contractor shall, at all times, in providing the Services and otherwise performing its obligations under this Agreement, comply with the *Workers Compensation Act* (British Columbia) and all regulations and orders from time to time in force thereunder, including the Occupational Health and Safety Regulation, and, upon request from the Regional District, provide evidence of any required registration under that Act and evidence of compliance with any requirement under that Act to make any payments or pay assessments.

13. Insurance Requirements

The Contractor shall obtain and maintain during the currency of this Agreement commercial general liability insurance providing coverage for death, bodily injury, property loss and damage and all other losses arising out of or in connection with the provision of the Services in an amount not less than \$5,000,000.00 per occurrence, or in such a greater amount as may be required by the Regional District Representative from time to time, acting reasonably.

The Contractor shall cause all policies of insurance required to be taken out by it under this Agreement to be with insurance companies satisfactory to the Regional District and to:

- (a) name the Regional District as additional insured
- (b) include that the Regional District is protected notwithstanding any act, neglect or misrepresentation by the Contractor which might otherwise result in the avoidance of a claim and that such policies are not affected or invalidated by any act, omission or negligence of any third party which is not within the knowledge or control of the insureds:
- (c) be issued by an insurance company entitled to carry on the business of insurance under the laws of British Columbia;
- (d) be primary and non-contributing with respect to any policies carried by the Regional District and shall provide that any coverage carried by the Regional District is in excess coverage;

- (e) not be cancelled or materially changed without the insurer providing the Regional District with 30 days written notice stating when such cancellation or change is to be effective:
- (f) be maintained for a period of 12 months per occurrence;
- (g) not include a deductible greater than \$5,000.00 per occurrence;
- (h) include a cross liability clause; and
- (i) be on other terms acceptable to the Regional District Representative, acting reasonably.

14. Errors & Omissions Insurance

The Contractor shall, at the Contractor's expense, establish and maintain professional errors and omissions insurance to the following minimum requirements:

Minimum Insurance

- (a) Contractor Services for projects not exceeding \$500,000 in value ------ \$1,000,000
- (b) Contractor Services for projects
 exceeding \$500,000 in value ------ \$2,000,000
 *The Maximum deductible in all categories shall be \$50,000/\$100,000

The Contractor accepts responsibility for the acts and omissions of all Sub-Contractors it may engage in rendering the Service on the Project.

The Contractor's professional errors and omissions insurance shall remain in force for the life of the Project and for twenty-four (24) months after substantial completion, and shall contain the following endorsement to provide the Regional District with prior notice of changes and cancellations.

"The Insurer and the Insured Contractor shall provide written notice to be delivered by hand, or sent by registered mail to the Regional District at least thirty (30) days in advance of the activation date of any proposed cancellation, change or amendment restricting coverage under this policy"

15. Insurance Certificates

The Contractor shall provide the Regional District with certificates of insurance confirming the placement and maintenance of the insurance, promptly after a request to do so from time to time by the Regional District. The successful Respondent will provide confirmation of the insurance requirements, using the RDOS's standard Certificate of Insurance, which will be included with the contract documentation. Please note: additional particulars of General Liability Insurance may or may not be required, depending on the nature of the work involved. (see section 1, RDOS Standard Certificate of Insurance).

16. Regional District May Insure

If the Contractor fails to insure as required, the Regional District may effect the insurance in the name and at the expense of the Contractor and the Contractor shall promptly repay the Regional District all costs incurred by the Regional District in doing so. For clarity, the Regional District has no obligation to effect such insurance.

17. Termination at Regional District's Discretion

The Regional District may, in its sole discretion and without reason, terminate this Agreement upon notice to the Contractor. If the Regional District terminates this Agreement under this section, the Contractor shall be entitled to be paid for all Services satisfactorily performed by the Contractor up to the date of such termination in accordance with this Agreement. The Contractor is not entitled to, and irrevocably waives and releases the Regional District from any and all claims for, any damages or compensation for costs incurred, loss of profit or loss of opportunity, directly or indirectly arising out of termination of this Agreement.

18. Termination for Default

The Regional District may terminate all or any part of, the Services by giving notice of termination to the Contractor, which is effective upon delivery of the notice, if:

- (a) the Contractor breaches this Agreement and the Contractor has not cured the breach, within five days after notice of the breach is given to the Contractor by the Regional District; or
- (b) the Contractor becomes bankrupt or insolvent, a receiving order is made against the Contractor, an assignment is made for the benefit of its creditors, an order is made or resolution passed for the winding up or dissolution of the Contractor, or the Contractor takes the benefit of any enactment relating to bankrupt or insolvent debtors.

Without limiting any other right or remedy available to the Regional District, if the Regional District terminates part or all of the Services under this section, the Regional District may arrange, upon such terms and conditions and in such manner as the Regional District considers appropriate, for performance of all or any part of the Services remaining to be completed, and the Contractor shall be liable to the Regional District for any expenses reasonably and necessarily incurred by the Regional District in engaging the services of another person to perform those Services (including the amount by which the fees, disbursements and other costs payable by the Regional District exceed those that would have been payable to the Contractor for completion of the Services under this Agreement). The Regional District may set off against, and withhold from amounts due to the Contractor, such amounts as the Regional District estimates shall be required to cover the Regional District's costs of correcting any breaches of the Contractor's obligations under this Agreement and to be incurred by the Regional District to complete all or any part of the Services.

19. Records

The Contractor:

- (a) shall keep proper accounts and records of its performance of the Services, including invoices, receipts and vouchers, which shall at all reasonable times be open to audit and inspection by the Regional District, which may make copies and take extracts from the accounts and records:
- (b) shall keep reasonably detailed records of performance of the Services, which shall at all reasonable times be open to inspection by the Regional District, which may make copies and take extracts from the records:
- (c) shall afford facilities and access to accounts and records for audit and inspection by the Regional District and shall furnish the Regional District with such information as the Regional District may from time to time require regarding those documents; and
- (d) shall preserve, and keep available for audit and inspection, all records described in this section for at least two years after completion of the Services, expiry of this Agreement or termination of this Agreement, whichever applies.

20. Copyright & Intellectual Property

The Contractor irrevocably grants to the Regional District the unrestricted license for the Regional District to use and make copies of for the Regional District's purposes and activities any work whatsoever generated by or on behalf of the Contractor in performing the Services in which copyright may exist. Without limiting the foregoing, the Contractor irrevocably grants to the Regional District the unrestricted license for the Regional District to use for the Regional District's purposes and activities all technical information and intellectual property, including inventions, conceived or developed, or first actually reduced to practice, in performing the Services. For clarity, the licenses granted by this section shall survive the expiry or earlier termination of this Agreement.

21. Agreement for Services

This is an agreement for the performance of services and the Contractor is engaged under this Agreement as an independent Contractor for the sole purpose of providing the Services. This Agreement does not create a joint venture or partnership. Neither the Contractor nor any of its employees or Contractors is engaged by the Regional District as an agent of the Regional District or has any authority to bind the Regional District in any way whatsoever.

22. Withholding Taxes

The Contractor will be pay and remit, and otherwise be responsible for, all withholding taxes, income taxes, Canada Pension Plan contributions, employment insurance deductions and any other deductions required by the applicable provincial or federal statutes for the Contractor and any of its employees. The Contractor agrees to indemnify and hold harmless the Regional District should the Regional District be required to pay any remittances described above.

23. Assignment

The Contractor shall not assign this Agreement or the benefit hereof without the prior written consent of the Regional District, at its sole discretion.

24. Time of the Essence

Time is of the essence of this Agreement.

25. Alternative Rights & Remedies

Exercise by a party to this Agreement of any right or remedy of that party, whether granted in or under this Agreement or at law or equity, does not limit or affect any other right or remedy of any kind, whatever its source, that the party may have against the other party and does not affect the right of the party exercising the right or remedy to exercise other rights or remedies against the other party.

26. Notice

Any notice, direction, demand, approval, certificate or waiver which may be or is required to be given under this Agreement shall be in writing and delivered personally or by courier or sent by fax or e-mail, addressed as follows:

milkameen
_
_
_
_
_
_

or to such other address, e-mail address or fax number of which notice has been given as provided in this section.

Any notice, direction, demand, approval or waiver delivered is to be considered given on the next business day after it is dispatched for delivery. Any notice, direction, demand, approval or waiver sent by fax or e-mail is to be considered given on the day it is sent, if that day is a business day and if that day is not a business day, it is to be considered given on the next business day after the date it is sent. In this section, business day means a day other than a Saturday, Sunday or B.C. statutory holiday.

27. Interpretation & Governing Law

In this Agreement

- (a) reference to the singular includes a reference to the plural, and vice versa, unless the context requires otherwise;
- (b) reference to a particular numbered section or Schedule is a reference to the correspondingly numbered section or Schedule of this Agreement;
- (c) the word "enactment" has the meaning given to it in the *Interpretation Act* (British Columbia) on the reference date of this Agreement;
- reference to any enactment is a reference to that enactment as amended, unless otherwise expressly provided;
- (e) reference to a month is a reference to a calendar month; and
- (f) section headings have been inserted for ease of reference only and are not to be used in interpreting this Agreement.

This Agreement is governed by, and is to be interpreted according to, the laws of British Columbia.

28. Binding on Successors

This Agreement ensures to the benefit of and is binding upon the parties and their respective successors, trustees, administrators and receivers, despite any rule of law or equity to the contrary.

29. Entire Agreement

This Agreement is the entire agreement between the parties and it terminates and supersedes all previous communications, representations, warranties, covenants and agreements, whether verbal or written, between the parties with respect to the subject matter of this Agreement.

30. Waiver

Waiver of any default by either party shall be express and in writing to be effective, and a waiver of a particular default does not waive any other default.

As evidence of their agreement to be bound by this Agreement, the parties have executed this Agreement below, on the respective dates written below.

Regional District of Okanagan Similka by its authorized signatories:	ımeen				
Chairman:					
CAO:					
[IF CONTRACTOR IS AN INDIVIDUAL]					
Signed, Sealed and Delivered in presence of:	ı the))			
Witness:	ı)))	Name:		
Address:)))			
Occupation	ı)			
[IF CONTRACTOR IS A CORPORATION]					
by its authorized signatories:					
Name:					
Name:	ı				

PART E CONTENTS:

This Part E contains the following forms:

- Pricing Form
- Methodology and Approach Form
- Experience, Team & Reference Form
- Subcontractor form
- Addenda Form
- Conflict of Interest form
- Exceptions to Contract Form

PRICING FORM



Proposals must include this Pricing Form, with all pricing tables completed. No changes to this form shall be made, except for completing the requested pricing information in the spaces provided.

The form should be completed with; a PDF writer program; or by print, hand completion and scan.

Evaluation Factors:

The pricing submitted under this form will be evaluated using the Scoring Method detailed in Part C, page 18 of this RFP.

1. Pricing Basis:

Pricing entered into the tables of section 2 & 3 below, shall be on the following basis:

- a. All Prices are in Canadian funds, are inclusive of all applicable duties and taxes including the PST, but not the GST.
- b. The Total Contract Price is all-inclusive and includes for all labour, materials, supplies, travel, overheads and profit, insurance, mobilization/demobilization, and all other costs and fees necessary to deliver the Services outlined in Part B.
- c. Prices shall be firm for the entire Contract term.

2. Fixed Lump Sum Prices:

The following are Fixed Lump Sum Prices, and apply to the services identified as fixed lump sum work in Part B— the Services:

Price Table 1

Scope of Work Item	Fixed Lump Sum Price
Washroom & foundation	\$
Site services (electrical & water)	\$
Septic system	\$
	\$
TOTAL FIXED LUMP SUM	\$
CONTRACT PRICE:	

GST EXTRA

3. Unit Prices:

The following are Unit Prices, and will apply if, as and when required, to the services identified as unit price work in Part B – the Services, or for unit work not contemplated in the scope of work.

Unit Price Item		Cost/Price	
Contractor A			per hour
Contractor B			per hour
Contractor C			per hour
Mileage			per km
Misc. Expenses & Disb	ursements	Cost plus	_ % markup

GST EXTRA

4. Payment Terms:

The Contractor shall invoice as follows:

- Fixed Lump Sum Prices. The Contractor shall provide one monthly invoice to the Regional District. The Regional District shall pay all undisputed portions of invoices within 30 calendar days of receipt of invoice.
- Unit Price work shall be invoiced at a monthly frequency for unit price work completed and expenses incurred during the prior month. The Regional District shall pay all undisputed portions of invoices within 30 calendar days of receipt of invoice.

METHODOLOGY AND APPROACH FORM



Proposals must include, in a format of your choice, the details requested in this Methodology & Approach Form.

This section of your Proposal must be labelled as "Methodology & Approach Form" and must be included with your submission.

Evaluation Factors:

Factors to be considered during the evaluation in assessing suitability of methodology, approach and schedule will include:

- Demonstration that the Respondent understands the work required and factors to be considered during the Services;
- Experience and expertise of the proposed team;
- Ease of working with the proposed team considering the setup and ease of meeting;

1. Methodology & Approach:

Please provide, in a format of your choosing, the following details of the methodology and approach to be employed by your firm and Sub-Contractors (if applicable) to deliver the Services outlined in Part B:

- Detail your overall approach and methodology to deliver the Services
- Detail the organization of your team (include resumes)
- Address the scope of work and related issues
- Demonstrate your understanding of the assignment
- Describe project management techniques to be used for successful project delivery
- Detail the schedule for performance of the Services, including the task / phases of the work and timelines to meet the required dates detailed in figure 1.

EXPERIENCE, TEAM & REFERENCES FORM



Proposals must include, in a format of your choice, the details requested in this Experience, Team & References Form.

This section of your Proposal must be labelled as "Experience & References Form" and must be included with your submission.

Respondents should provide details on 3 projects completed in the last 5 years which are of a similar nature and scope to the Services required for this assignment. Respondents should note that the Regional District may request the Respondent to supply contact details for the client, and may contact the client to provide a reference on the experience listed (including amending scoring in the evaluation based on the client's feedback).

The Regional District may also, in its sole discretion, contact other owners, Contractors and stakeholders to gather additional information which may be used to further evaluate the Respondent.

If Subcontractors are to be used in delivering the Service, then the details requested in this form should also be provided for each Subcontractor as an additional form.

Also, please include resumes for each team member assigned to this project, acting in a supervisory role.

Factors to be considered in assessing suitability of experience will include:

- Suitability of experience with similar work and projects;
- Feedback from Client references, if the Regional District chooses to contact references
- Team strength
- Availability of Resources: Does contractor have the necessary resources (personnel, equipment, materials) are available as per the schedule.
- The Regional District's own experience, if applicable.

Company Work Experience Project Experience #1

Client Company Name:	
Project Name:	
Reference Information	
Date Respondent Started Work on	
Date Respondent Finished Work on	
Brief Description of Project and	
Services Respondent Performed:	
Value of Respondent Contract on this	
Project (excluding GST):	

Project Experience #2

Client Company Name:	
Project Name:	
Reference Information	
Date Respondent Started Work on	
Date Respondent Finished Work on	
Brief Description of Project and Services Respondent Performed:	
Value of Respondent Contract on this Project (excluding GST):	

Project Experience #3

Client Company Name:	
Project Name:	
Reference Information	
Date Respondent Started Work on	
Date Respondent Finished Work on	
Brief Description of Project and	
Services Respondent Performed:	
·	
Value of Respondent Contract on this	
Project (excluding GST):	
, ,	

Team Information

	. •			
Position/Role	Employee	Relevant	Years of	Resumes
	Name	Credentials	relevant	Required
			Experience	
Project				Yes
Manager				
Supervisory				Yes
Personnel				

SUBCONTRACTOR FORM

		_	P 4
		_	4
		-4	_
	-	4	г.
_	. 4		4
		=	7

Proposals must include, in a format of your choice, the details requested in this Experience & References Form.

This section of your Proposal must be labelled as "Subcontractors" and must be included with your submission.

Factors to be considered in assessing suitability of experience will include:

• Suitability of the work to be subcontracted

Task/Trade	Name of	Years of	Approximate % of
	Subcontractor	experience/credentials	work subcontracted

SCHEDULE FORM



Proposals must include, in a format of your choice, the details requested in this Schedule Form.

This section of your Proposal must be labelled as "Schedule" and must be included with your submission. Please provide a pictorial description of the construction timeline which includes key mile-stone dates and other time sensitive events—such as a Gantt chart, critical path diagram or other depiction.

Factors to be considered in assessing suitability of experience will include:

- Suitability with the Regional District's milestone dates
- Feasibility of Timeline: whether the proposed timeline is realistic given the project's scope and complexity.

EXCE	PTIO	NS TO CONTRACT FORM
	Form.	sals must include the details requested in this— Exceptions to Contract No changes to this form must be made, except for completing the sted information in the spaces provided.
		ection of your Proposal must be labelled as "- Exceptions to Contract and must be included with your submission.
	Evalua •	Ease for the Regional District in accepting any proposed exceptions to the terms and conditions.
	Please	nent on Exceptions to Contract: check either statement A or statement B below: MENT A:
		We have read the Contract in Part C and confirm we have no exceptions to the terms and conditions detailed, should we be selected as the Contractor.
		We further understand that by selecting Statement A, the Regional District will be relying on this statement in the RFP evaluation, and there will be no further opportunity to make changes to the terms and conditions in Part C should we be selected as the highest-ranked respondent.
:	STATEN	MENT B:
		We have read the Contract in Part C and we have the following exceptions to the terms and conditions detailed, should we be selected as the Contractor: (please specify exceptions in space below):

Addendum Form (Must be included with Respondent's submission)

Please initial the Addenda form

ADDENDA

Conflict of Interest Form (Must be included with Respondent's submission)

What is a conflict of interest?

Company Name: _____

A conflict of interest is when you have a certain personal interest that may interfere with the interests you must have as someone connected to another person or entity, such an employer or client. A conflict of interest can cause one party to question what another party's intentions are.

It can also call to question your ability to remain unbiased in your thoughts, ideas and decisions.

<u>Conflict of Interest</u>. The supplier represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the supply of goods and/or performance of services required hereunder. The Respondent further represents that no persons having any such interest shall be employed to perform those services.

Name and Title
Signature:
RDOS evaluation committee members shall also sign a conflict-of-interest statement (CIGS), below. If a member of the evaluation committee has acknowledged a conflict of interest with a particular Respondent or any Respondent associated with this RFP, they shall be recused from the evaluation process.
<u>Conflict of Interest</u> . The RDOS evaluator represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the evaluation and awarding of the goods and/or services required hereunder.
Name and Title of evaluator:
Signature:

(Please include with submission)

RESPONDENT INFORMATION

REQUEST FOR PROPOSAL: SPIRIT PARK WASHROOM

CLOSING DATE: September 6th, 2024 @ 2:00 PM Local Time

The undersigned Respondent has carefully examined the Conditions, Specifications, and Drawings (if applicable) for the services requested and will provide the services as required and outlined by the Regional District.

This proposal is open for consideration for 60 days.

FIRM NAME:	
	CITY:
POSTAL CODE:	DATE:
PHONE NO.	FAX NO
EMAIL:	
PRINT NAME:	

H:\2024\RFP's\RFP Spirit Park Washroom v2.docx

Common Questions and Best Practices for Vendors

WHY am I required to track my fuel use for contracts with the RDOS?

- The RDOS has signed the BC Climate Action Charter. This voluntary agreement commits local governments to become carbon neutral in their corporate operations beginning December 31, 2012.
- The definition of "corporate operations" includes emissions from certain contracted services. Since June 1, 2012, the RDOS has collected fuel data from vendors of these services for new and renewed contracts.

WHAT do I have to track and report?

- The only thing that is required from you as the vendor is a report of your vehicle and equipment fuel use for any work relating to your RDOS contract(s).
- The fuels that require reporting are:
 - Gasoline
 - Diesel
 - Bio-diesel
 - Propane
 - Natural Gas

*NOTE: Electric vehicles are considered to have zero emissions and are not included.

WHEN do I have to report my fuel use?

You will be asked to report your fuel use on every invoice you submit to the RDOS.
 Please submit the enclosed reporting form or a similar form which includes the same information, with your monthly invoice.

HOW do I track my fuel?

- Some options include:
- Record your daily fuel use and add the fuel use from these days together for the invoice period.
- Record your fuel use per week and apportion the right amount to your RDOS contract days.
- Divide your monthly fuel consumption by the number of days in the month, and multiply this number by the number of days in that month spent on RDOS contract(s).
- Use devices that automatically record fuel data directly from vehicles and equipment that can be downloaded to a database on your computer.
- Develop a database that can be updated easily with your fleet's daily/weekly fuel data.

Landform Architecture Ltd.

APPENDIX A - SCOPE OF WORK

Chris Allen, Architect AIBC

102 Ellis Street Penticton, BC V2A 4L5 CANADA t: 250-276-4106

info@landformadb.com www.landformadb.com

Scope of Work

RDOS: Spirit Park Washrooms

July 3, 2024

Division	Description	Trade
General Conditions	Coordinate div 1 with general contractor. Mark and fence all open trenches and excavations related to septic install and related work.	General
Site Work	Trenching and water line from site service (shut off) at Robinson Avenue to mechanical room of new washroom building. Trenching for power from utility pole to mechanical room of new washroom building. Backfilling, surface grading, re-sodding of disturbed areas, and repairs to any irrigation components that are damaged.	Excavator
Mech. and Plumbing	Water line from service shut off to building including backflow prevention. Septic system complete as per design and specification of GroundStone Enterprises Ltd.	Plumbing Excavator + Plumbing
Electrical	Power from existing electrical pole on site to new building underground $\sim 180^{\prime}$.	Electrician

Washrooms

Division	Description	Trade
General	The general contractor is deemed the prime contractor for the project and is responsible for safety coordination, provisions for first aid, filing Notice of Project with Worksafe BC, and all project signage. Provide portable 6' fencing sections and hoarding to work area, and all open trenches. Provide protective fencing around drip line of all trees adjacent to proposed building.	General
Site Work	Footings Slab Prep Backfill (note that new building will be set approx. 8" above existing finished grade. Allow for backfill and sod to 5% slope from slab apron all around building.)	Excavator
Concrete	Footings and foundation walls Slab on grade	Concrete
Metals	Metal panel wall components (sheet steel)	Steel Fab + Install

Metal roof edging supply & Install Steel Fab + Install

Corrugated metal roofing supply and install

General

Woods Wood framing of interior walls and north wall General

Doors and Windows Pressed steel door frames General

Flat panel steel door leaves + hardware

Pressed steel windows

Finishes Powder coating of steel components and panels Powder Coater/

Paint finish of pressed steel doors and

'washroom' signage

Painter (coordinated through metal fabricator)

Electrician

Plumbing Under slab plumbing Plumbing

Washroom and Water Fountain fixtures supply

and install (specifications on drawings)

Electrical Install meter base and 100A panel at building.

Hand Dryers Heaters

Low voltage line to door locks on timers (supply and install of electronic strike door hardware by

Owner

Power to water fountain Lighting in washrooms.

Plugs and Outlets to utility Room and front wall.

Work by Others Not in Contract

none

Tender

See RDOS RFP document for details.

Tender Documents

- Drawings Dated July 3, 2024 Landform Architecture.
- Electrical and Plumbing Fixtures Schedule (on drawings)
- Septic System Design Groundstone Enterprises Ltd.
- Scope of work Document
- Building Permit

APPENDIX B - ARCHITECTURAL DRAWINGS

SPIRIT PARK WASHROOMS, NARAMATA

ZONING INFORMATION

LEGAL ADDRESS LOT A, PLAN EPP61599, DISTRICT LOT 210, SIMILKAMEEN DIV OF YALE LAND DISTRICT

CIVIC ADDRESS 860 Robinson Ave, Naramata B.C

ZONE PARKS AND RECREATION (PR)

6074 m²

ALLOWED

MAXIMUM PARCEL COVERAGE 25% 0.4%

SETBACKS

LOT AREA

 FRONT
 7.5m
 36.4m

 REAR
 7.5m
 N/A

 SIDE INTERIOR
 4.5m
 60.2m

 SIDE EXTERIOR
 4.5m
 4.5m

 MAXIMUM HEIGHT
 15m
 3m

DRAWING LIST

NUMBER DRAWING SCALE Cover Sheet/ statistics N/A A1.2 Site Plan 1:500 A2.1 Foundation 1/2"=1'A2.2 Floor Plan 1/2"=1'A3.1 Section 1/2"=1'A3.2 Interior Elevations 1/2"=1'A3.3 Interior Elevations 1/2"=1'A4 1 Flevations 1/4"=1



BUILDING INFORMATION

BUILDING AREA 25.6 m² (building footprint of slab)

MAJOR OCCUPANCY A 2 (public washroom)

NUMBER OF STOREYS

WATER naramata irrigation district

SEWER new septic system, RSS provided

HVAC radiant heat and ventilation fan

ELECTRICAL underground from Robinson Ave

CONSULTANTS

Owner Rep RD

Kyle Gabelhei, Project Supervisor

250-490-4381 kgabelhei@rdos.bc.ca

Landscape CTQ Consultants Ltd.

David James, Landscape Designer

250-979-1221

djames@ctqconsultants.ca

Septic GroundStone Enterprises Ltd.
Luis Goncalves, Registered Onsite Wastewater Practitioner

778-363-0828

groundstoneonsite@gmail.com

SPECIFICATIONS

BUILDING COMPONENTS

concrete footings and walls to be 25 Mpa 4-7%

air entrainment walls are to be exposed concrete finish rental form and snap ties are acceptable

inspect and ensure all products are clean, oiled, and straight

use vibrator to place all concrete slabs to be 32 Mpa 0% air entrainment slabs are to be float finished (machine trowel)

wood pressure treated sill plate, spf lumber for framing, clt roof panel

steel powdercoat all components with 44-ANTI GRAFFITI Smooth semigloss

RAL 9011 (black) touch up all markings from site installation

steel panels sheet steel components as shown on drawings to be powdercoated using

44-ANTI GRAFFITI UNO Smooth glossy RAL 5009 (blue)

windows pressed steel frames, single glazed, paint black

doors pressed steel frames, solid core flat panel steel leaf, paint black

ACCESSORIES

PROPOSED

hand dryer Frost 1196 Compact, High Speed Hands Free Hand Dryer, brushed

stainless steel

soap dispenser BOBRICK B-2012 automatic wall-mounted soap dispenser

baby change table Koala Kare KB110-SSWM Horizontal wall mounted stainless steel baby

changing station

grab bar Gallery C04 Straight grab bar 24" (610)

L-shape grab bar Gallery C12C 90 Degree "L" Shape Grab Bar C/W post (762x762)

toilet paper dispenser Frost 158-10 Roll Toilet Tissue Dispenser with Shelf

coat hook BOBRICK B-549 Double coat hook

waste bin Frost 326 wall mounted waste receptacle

napkin disposal Frost 622 Surface Mounted Feminine Product Disposal

PLUMBING FIXTURES

toilet American standard Cadet Pro, 215AA, right height, white sink American standard Declyn, 0321 .026, wall hung, white

faucet Moen 8894 metering lavatory faucet

floor drain WATTS FD-200-A floor drain with round strainer

SPECIALTIES

water fountain KEM 140R-SBF-STN Modular unchilled combination

Drinking-Fountain

space heater Berco RC6024C, 47"

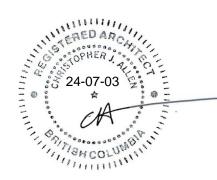
exhaust fan WhisperWall FV-08WQ1 Panasonic Ventilation Fan

LIGHTING

light bar Nuvo 65-1101 4PT LED strip light

DOOR HARDWARE

door closerLCN 950 Series door closerdoorsFleming E Series 3'x7' doorshollow metal frameFleming DW Series frame





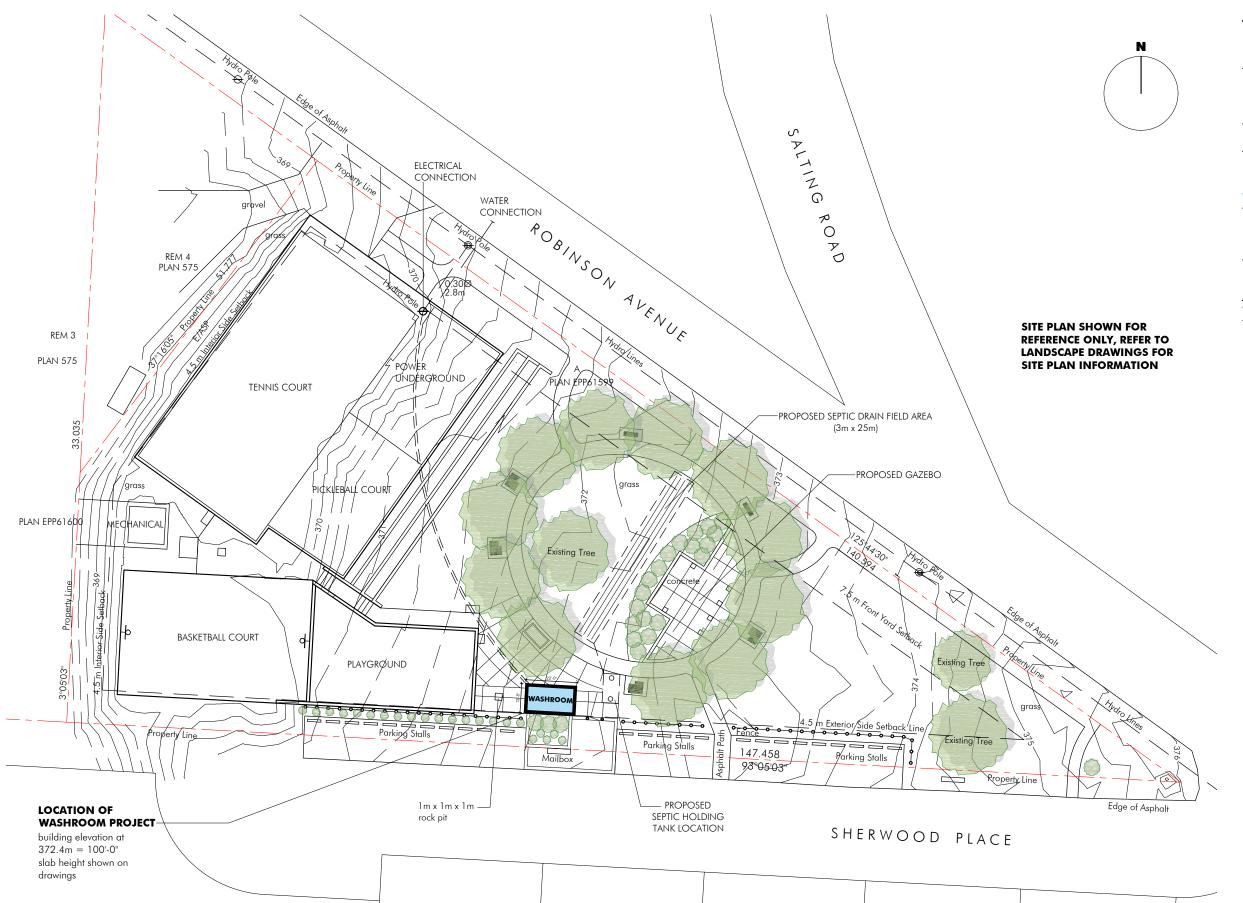
SPIRIT PARK 860 Robinson Ave

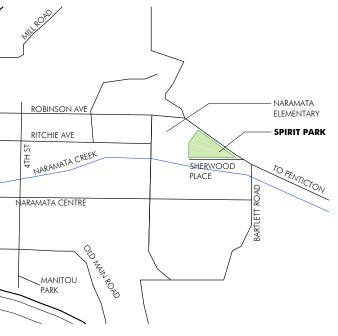
July 3, 2024

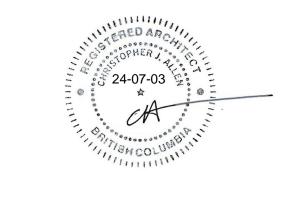
Issued for Building Permit

Scale 1:500 SITE PLAN

LOCATION PLAN



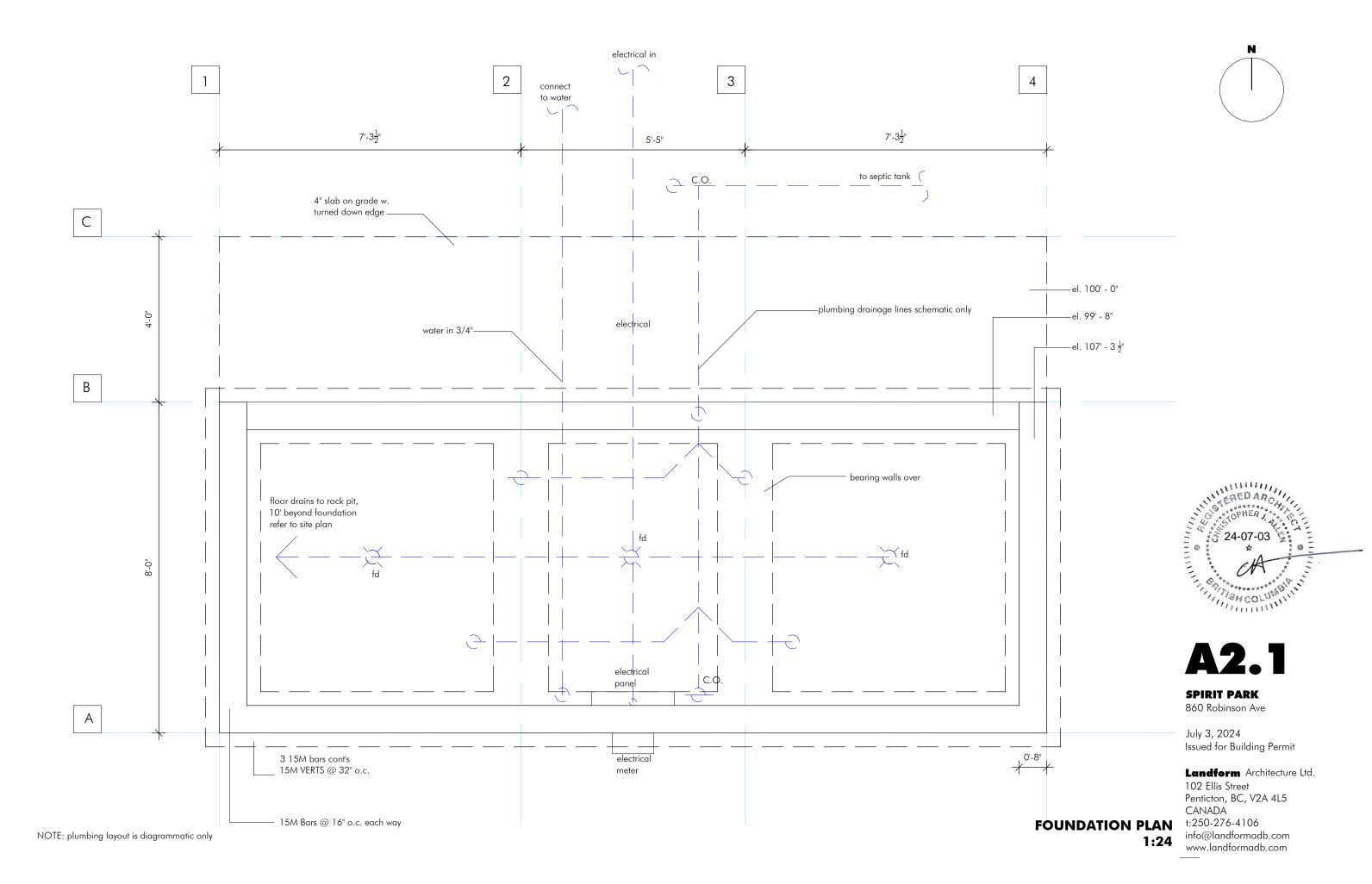


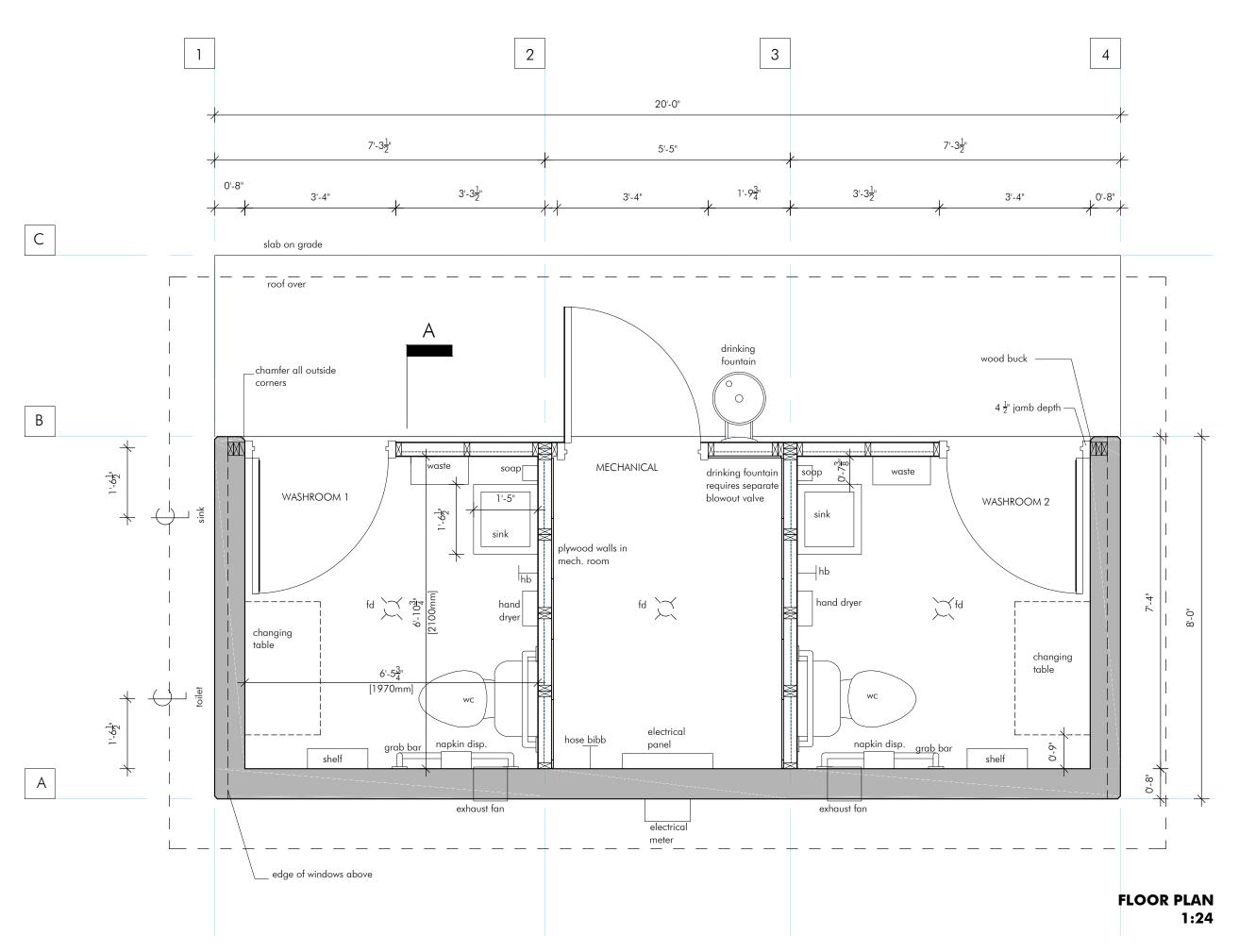


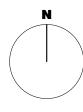
SPIRIT PARK

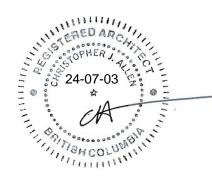
860 Robinson Ave

July 3, 2024 Issued for Building Permit









A2.2

SPIRIT PARK

860 Robinson Ave

July 3, 2024 Issued for Building Permit

Roof Assembly:

26 ga galvalume standing seam self adhering roof membrane 3 ½" CLT090 (no finish)

Steel Wall Assembly:

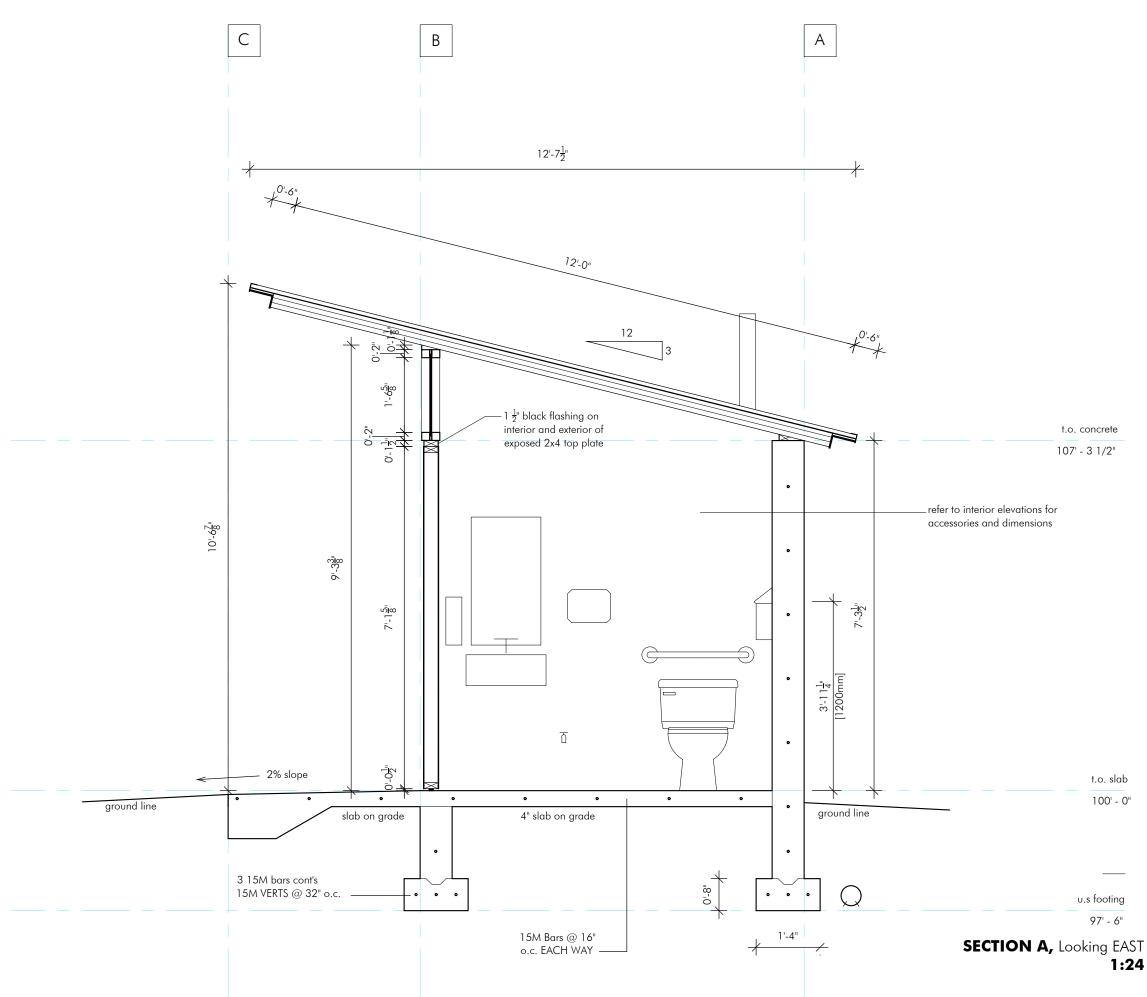
lg" Powder coated steel panels Rockwool comfortboard 2" + 1.5" 2x4 studs @ 16" o.c. max Align all fasteners

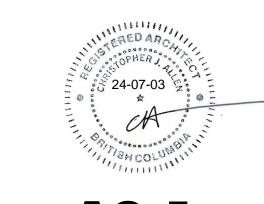
Slab Assembly:

4" Reinforced concrete 10M @ 16" o/c (each way) Compacted granular material

Concrete Wall Assembly:

8" Cast in place concrete 15M @ 16" o.c. each way ³/₄" chamfered exterior edges



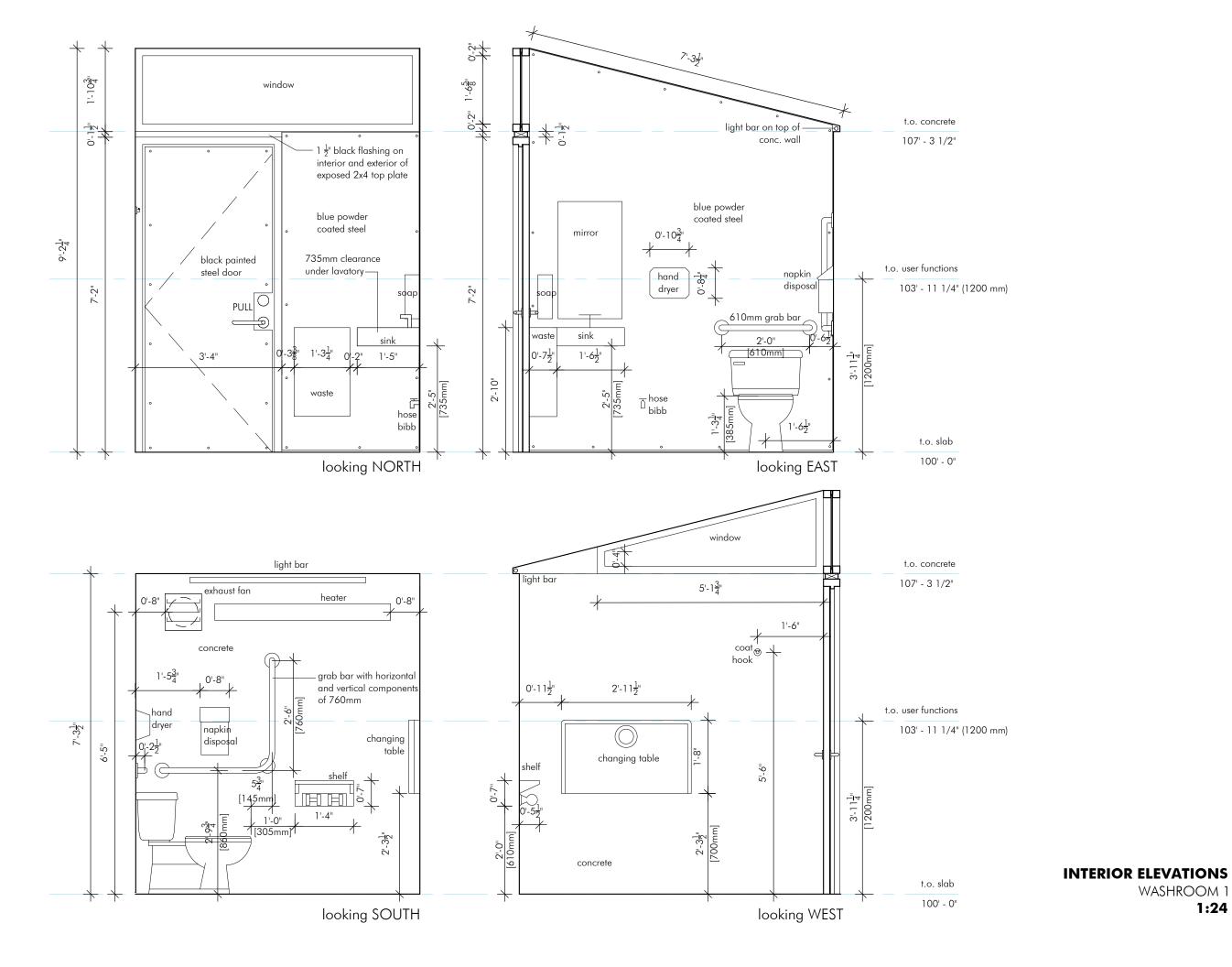


A3.1

SPIRIT PARK 860 Robinson Ave

1.1.2.0004

July 3, 2024 Issued for Building Permit



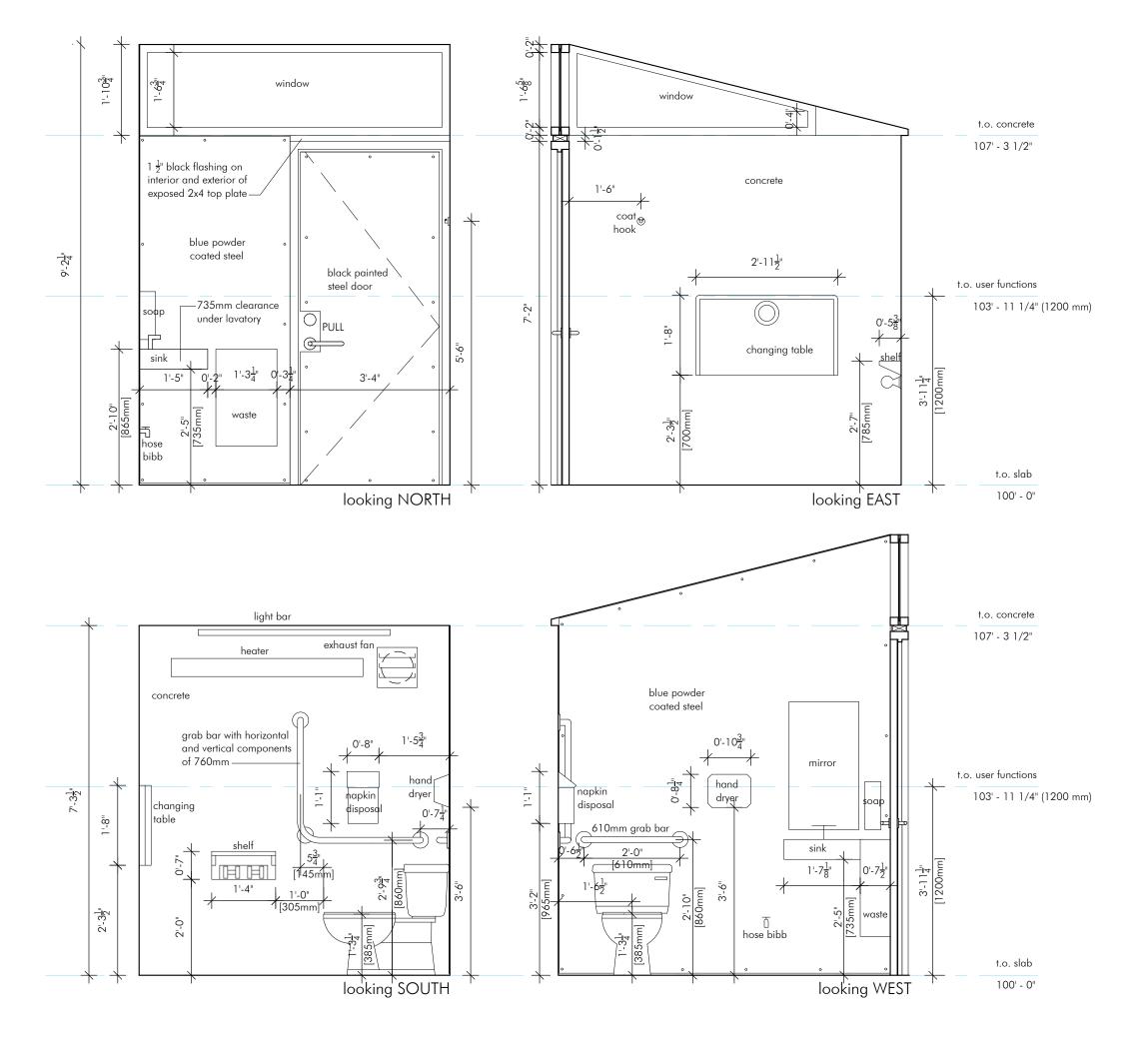


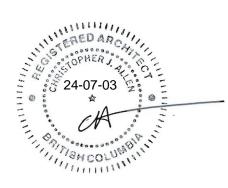
SPIRIT PARK

860 Robinson Ave

WASHROOM 1

July 3, 2024 Issued for Building Permit





A3.3

SPIRIT PARK

860 Robinson Ave

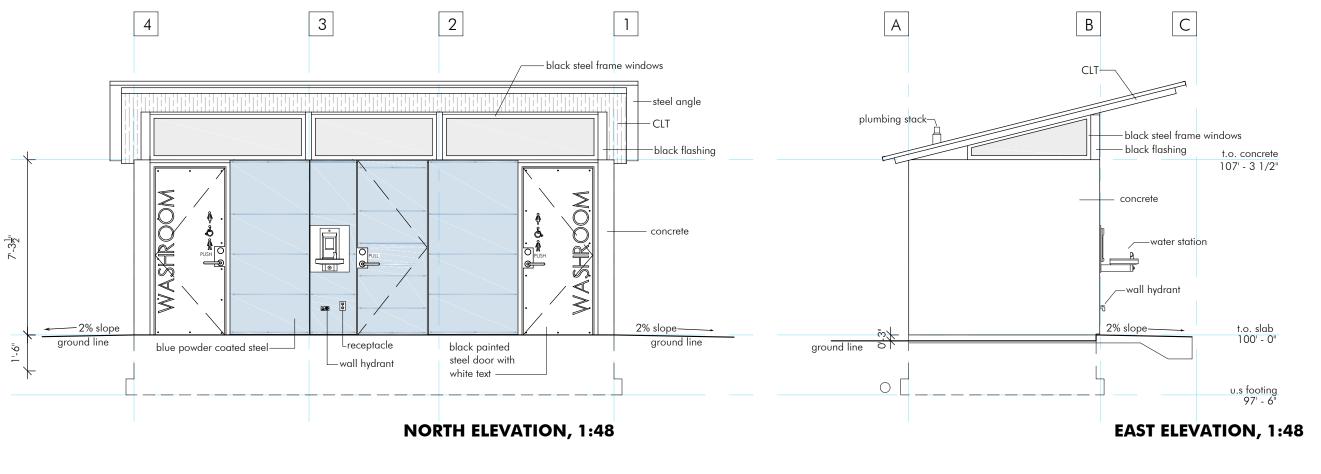
July 3, 2024 Issued for Building Permit

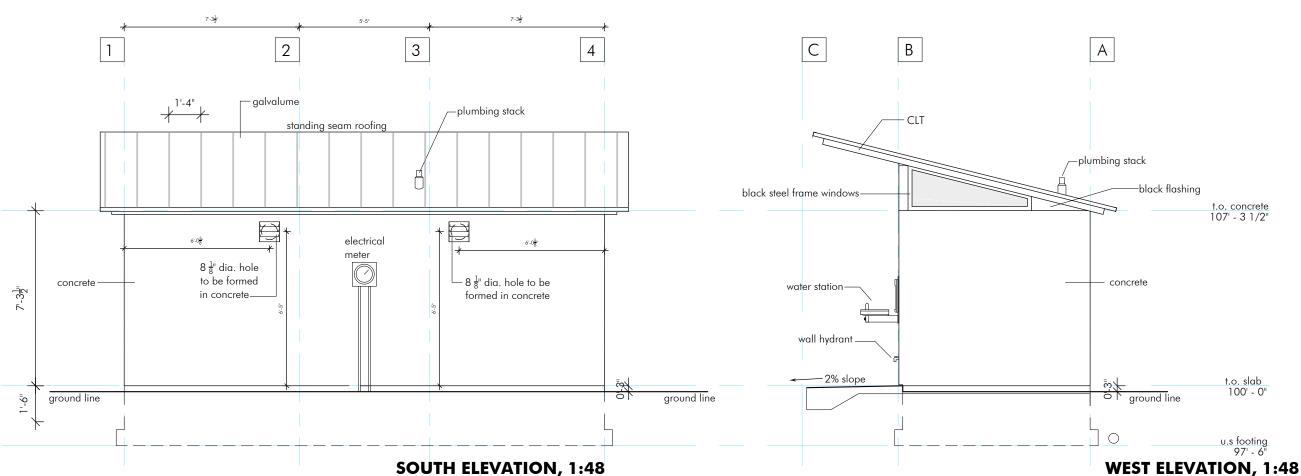
Landform Architecture Ltd. 102 Ellis Street Penticton, BC, V2A 4L5 CANADA t:250-276-4106 info@landformadb.com

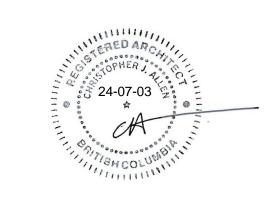
INTERIOR ELEVATIONS

WASHROOM 2

1:24 info@landformadb.com www.landformadb.com







A4.1

SPIRIT PARK

860 Robinson Ave

July 3, 2024 Issued for Building Permit

Luis Goncalves, GroundStone Enterprises Ltd.

Registered Onsite Wastewater Practitioner 3765 Glenrosa Rd, West Kelowna, BC, V4T 1V9 Cell: 778-363-0828 Office: 250-768-0056 Email: groundstoneonsite@gmail.com

<u>Health Authority Initial Filing For Construction of Sewerage System:</u> Site Investigation Report, Record of Design and Specifications

Date:	Nov 05, 2023
Legal Description:	LOT A, PLAN EPP61599, DISTRICT LOT 210, SIMILKAMEEN DIV OF YALE LAND DISTRICT
	PID: 029-969-549
Civic Address:	Spirit Park, Robinson Ave, Naramata, BC
Property Owner:	RDOS (Regional District of Okanagan-Similkameen. Contact: Kyle Gabelhei Projects Coordinator 250-490-438

Summary of Proposed Works: (also see site plan drawing attached)
This will be a new septic system servicing a new 2 stall washroom facility for up to 75 visitors.

Proposed wastewater system:

Daily Design Flow (DDF)	75 visitors year round using TBL 111-11 (visitors centre with flush toilets (20L/day/unit), with peak factor of 1.5total of 2 , 250 L/day
Effluent Type:	Type 1
Tankage used:	Leko 1500 IG 2 compartiment septic tank.
Type of system:	Type 1 Gravity Distribution

*Installers should refer to the detailed construction specifications Site Information:



Parcel Size: 1.5 Acres

Potable Water Source: Municipal

Topography and General Description: The subject property is located between Robinson Ave and Sherwood Place. The has old growth deciduous trees and coniferous from Elm to pine. The park is relatively flat and grassy with sparsely populated trees. Underlying soils are mostly sand with cobble and stone.

DATE: Oct 23, 2023	SITE: Spirit Park, Robinson Ave, Naramata	LOGGED BY: Luis Goncalves	TEST PIT # 1
PITT LOCATION: 49.5968339. -119.5910649	SLOPE %: 2% East to West	NO. OF SOIL HORIZONS: 4	UNITS OF MEASURE: cm

DEPTH FROM TO	COLOUR	TEXTURE	STRUC- TURE	RUPTURE RESIS- TANCE (DENSITY)	COARSE GRAVEL (%)	ROOTS, DEPTH & QUANTITY	MOTTLES DEPTH & QUANTITY	MOIS- TURE SEEPAGE
0-12	10YR/2/1 Black	Humus, sod	Clumpy	Weak, fri- able	None	Plentiful	None	Dry
12-31	10YR4/2 Dark Gray- ish Brown	Sand	Sub-angu- lar Bl, granular, and loose	Weak, fri- able	30% with 1/4"-1" coarse fragments	Plentiful	None	Dry
31-74	10YR5/2 Grayish Brown	Sand	Structure- less	Loose, single grain	40% 1/ " -4" stone	Plentiful	None	Dry
74-151	10YR5/4 Yellowish- Brown	Loamy Sand	Sub-angu- lar Bl, granular, and loose	Weak, fri- able	30% cob- ble and boulders to 60cm	Plentiful	None	Dry



DATE: Oct 23, 2023	SITE: Spirit Park, Robinson Ave, Naramata	LOGGED BY: Luis Goncalves	TEST PIT # 2
PITT LOCATION: 6 m south of TP1	SLOPE %: 2%	NO. OF SOIL HORIZONS: 3	UNITS OF MEASURE: cm

DEPTH FROM TO	COLOUR	TEXTURE	STRUC- TURE	RUPTURE RESIS- TANCE (DENSITY)	COARSE GRAVEL (%)	ROOTS, DEPTH & QUANTITY	MOTTLES DEPTH & QUANTITY	MOIS- TURE SEEPAGE
1-12	10YR/2/1 Black	Humus, sod	Clumpy	Weak, fri- able	None	Plentiful	None	Dry
12-72	10YR5/2 Grayish Brown	Sand	Structure- less	Loose, single grain	40% 1/ " -4" stone	Plentiful	None	Dry
72-150	10YR5/4 Yellowish- Brown	Loamy Sand	Sub-angu- lar Bl, granular, and loose	Weak, fri- able	30% cob- ble and boulders to 60cm	Plentiful	None	Dry



LOCATION ADDRESS: Spirit Park, Robinson Ave.	FILE #	DATE: Oct 23, 2023
AUGER HOLE # 1	AUGER HOLE LOCATION: By TP 1	AUHER HOLE DEPTH : 45cm
AUGER HOLE DIAMETER AT BOTTOM 12 cm	HEIGHT OF AIR HOLE: 18 cm	PERMEAMETER INSIDE DIAMETER: 10 cm
TESTED BY: Luis Goncalves		

Constant Head Borehole Permeameter Test Results

Time of Day	Total Elapsed Time	Interim Time (min)	Water Level Reading mm	Drop in Level mm	Rate of Fall mm/min	Remarks or Observations
	0	1.0	240			
	1		190	50		NASTEW ASTIBLE
	2		140	50		Q LUIS GONCALVES &
	3		100	40		OW0866
	4		65	35		40 89
	5		30	35		
	6					Soil texture : Sand
	7					
					35	
						Stable rate of fall in mm/min = 10mm

For small (5.25 cm permeameter: Flow rate (Q) = (Rate of fall) \times 2.17 = mL / min For large (10.23 cm) permeameter: Flow rate (Q) = (Rate of fall) \times 8.22 = mL / min

Soil Factor (F) as a function of auger hole diameter and soil type:

AH diameter	7cm	8cm	9cm	10cm	11cm	12cm	18cm	20cm	22cm
Gravelly sand & coarse sand	8.9	8.1	7.5	7.0	6.6	6.2	4.5	4.2	3.9
Fine-medium sand, loamy sand, sandy loam, structured soils	7.2	6.6	6.1	5.7	5.3	5	3.7	3.4	3.2
Massive clays and silts	4.4	4.1	3.8	3.6	3.4	3.2	2.5	2.3	2.1

KFS = 35mm x 8.22 (287.7 mm/min x 5) = 1438 mm/day. 30L/day/

LOCATION ADDRESS: Spirit Park, Robinson Ave.	FILE #	DATE: Oct 23, 2023
AUGER HOLE # 2	AUGER HOLE LOCATION: Beside TP1	AUHER HOLE DEPTH : 50cm
AUGER HOLE DIAMETER AT BOTTOM 12 cm	HEIGHT OF AIR HOLE: 18 cm	PERMEAMETER INSIDE DIAMETER: 10 cm
TESTED BY: Luis Goncalves		

Constant Head Borehole Permeameter Test Results

Time of Day	Total Elapsed Time	Interim Time (min)	Water Level Reading mm	Drop in Level mm	Rate of Fall mm/min	Remarks or Observations
	0	1.0	250			
	1		190	60		WASTEW ASTIBET
	2		130	60		Q LUIS GONCATVES A
	3		80	50		OW0866
	4		30	50		23.83.
	5					Soil texture : Sand
	6					
	7					
				50		
						Avg rate of fall in mm/min = 15mm

For small (5.25 cm permeameter: Flow rate (Q) = (Rate of fall) x 2.17 = mL / min For large (10.23 cm) permeameter: Flow rate (Q) = (Rate of fall) x 8.22 = mL / min

Soil Factor (F) as a function of auger hole diameter and soil type:

AH diameter	7cm	8cm	9cm	10cm	11cm	12cm	18cm	20cm	22cm
Gravelly sand & coarse sand	8.9	8.1	7.5	7.0	6.6	6.2	4.5	4.2	3.9
Fine-medium sand, loamy sand, sandy loam, structured soils	7.2	6.6	6.1	5.7	5.3	5	3.7	3.4	3.2
Massive clays and silts	4.4	4.1	3.8	3.6	3.4	3.2	2.5	2.3	2.1

KFS = $50 \text{mm} \times 8.22 \text{ (} 411 \text{mm/min} \times 5\text{)} = \frac{2055 \text{ mm/day.}}{35 \text{L/day/m2}}$

LOCATION ADDRESS: Spirit Park, Robinson Ave.	FILE #	DATE: Oct 23, 2023
AUGER HOLE # 3	AUGER HOLE LOCATION: At TP 2	AUHER HOLE DEPTH : 65 cm
AUGER HOLE DIAMETER AT BOTTOM 12 cm	HEIGHT OF AIR HOLE: 18 cm	PERMEAMETER INSIDE DIAMETER: 10 cm
TESTED BY: Luis Goncalves		

Constant Head Borehole Permeameter Test Results

	Constant fload Beleficie I Simodificati Tot floadia					
Time of Day	Total Elapsed Time	Interim Time (min)	Water Level Reading mm	Drop in Level mm	Rate of Fall mm/min	Remarks or Observations
	0	1.0	320			WASTE
	1		255	65		ASTIBE
	2		195	60		Q LUIS GONCALVES A
	3		135	60		OW0866
	4		80	55		
	5		25	55		Soil texture: Sand
	6					
	7					
	8					
				55		
						Stable rate of fall in mm/min = 110mm

For small (5.25 cm permeameter: Flow rate (Q) = (Rate of fall) \times 2.17 = mL / min For large (10.23 cm) permeameter: Flow rate (Q) = (Rate of fall) \times 8.22 = mL / min Soil Factor (F) as a function of auger hole diameter and soil type:

AH diameter	7cm	8cm	9cm	10cm	11cm	12cm	18cm	20cm	22cm
Gravelly sand & coarse sand	8.9	8.1	7.5	7.0	6.6	6.2	4.5	4.2	3.9
Fine-medium sand, loamy sand, sandy loam, structured soils	7.2	6.6	6.1	5.7	5.3	5	3.7	3.4	3.2
Massive clays and silts	4.4	4.1	3.8	3.6	3.4	3.2	2.5	2.3	2.1

KFS = $55 \text{ mm x } 8.22 \text{ (} 452 \text{ mm/min x 5)} = 2260 \frac{\text{mm/day } 35\text{L/day/m2}}{\text{P4@ } 93\text{cm}} = 35\text{L/day/m2,KFS} = 2260 \frac{\text{mm/day}}{\text{MM/day}}$

Vertical Separation Design Limit:

The VS design limit elevation is selected based on the shallowest limiting condition within the proposed dispersal zone. The second soil horizon with sand, 40% coarse fragments and using the permeameter reading of 1438mm/day, 30L/day/m2 34cm-50cm in test pit 2.

Constraints and design rationale:

Constraints	Mitigating Strategies
Cobble and stone underlying grade in the infiltrative zone.	Use a 10 cm (4") blind layer of system sand

Record of Design Information and Calculations:

Source:

Wastewater source is residential with volume, strength and constituents expected to fall inside of domestic sewage parameters of the SSR and residential sewage parameters of SPM Table 111-11 with no garburator, no water softeners and no unusual usage.

Daily Design Flow (DDF)

DDF is selected as per SPM V3 Table 111-11, 75 visitors year round using (visitors centre with flush toilets (20L/day/unit), with peak factor of 1.5…total of $2,250\ L/day$

HLR (Hydraulic loading rate selected for design)

Insutu underlying soils consist of mostly sandy soils and with coarse fragments ranging from 30-40%, therefore we are going to reduce the HLR with the permeability HLR from the horizon at the infiltrative zone which is sand of 30L/day/m2 for type 1 effluent.

AIS (Calculation of minimum area of Infiltrative surface) 2,250 L/day /30 L/day/m2 = 75m2 min. AIS, the infiltrative surface is sized based on an HLR of 30L/day/m2 for a type 1 effluent to sand soils. A 30-35 L/day/m2 based on permeability rate for a type 1 effluent that falls in the KFS range of 1438-2260 mm/day, Table 11-23, based on field testing.

LLR (linear loading rate and calculation of minimum system length) The applicable LLR standard is 90 L/m, as per SPM Table 11-27 for 0-5% slope with 90 cm depth of sandy soils of favourable structure category.

The proposed contour length is:

2,250 L/day DDF / 90 L/day/m = 25m minimum contour.

Configuration of Dispersal System:

A shallow bed with an AIS of 75 m2 using 4 lateral lines with a centred distribution, a sizing of 3m x 25m with 30cm spacing from outer laterals, creating an apron to the edges of the bed and .8m lateral spacing creating a total of 75m2 AIS. Drain rock ranging from 15cm underlies 4" lateral lines. With 4 laterals, 25m long, centre fed by a distribution box, creating 8 lateral sections in the bed. Effluent traveling through a 10cm CSA 4" drain line to an 8-hole distribution box creating 8 lateral sections, each 12.5m long and .8 meter separation between laterals. (See attached drawings)

Construction Specifications: see attached drawings

Shallow Bed with trickle dosing

•Minimum infiltrative bed dimensions are $3m \times 25m$, 4 laterals, fed by a centre distribution that create 2 zones in the shallow bed, creating 8 lateral sections on a rock bed.

Each section at 12.5m long, .8m separation between laterals, 30cm from outer laterals for the surrounding apron.

- ·Sand bed (blinding layer) footprint will be approximately 3 m x 25 m.
- •To prepare the site, remove small brush and vegetation over the dispersal area.
- •Excavate to a depth of 45cm to expose sand soils.

 Scarify the basal infiltrative surface and the receiving soil
- ·Create a level infiltrative surface.
- •Note that the media immediately above the sand bed must be 15cm specified clean drain rock from 3/4" to 1". 15cm cover over The lateral lines. Fill cover can be permeable top soils with a min of 15cm screened topsoil overtop to grade.
- •Install two 4 inch solid PVC infiltrative surface observation ports within the bed just inside of the centre laterals. Place slits with saw cuts or perforate the bottoms and place approximately 5 cm below the infiltrative surface.

Install the dispersal piping network:

- •With four 100 mm dia. (4") laterals, and a centre fed distribution splitting the four laterals into eight lateral sections each 12.5m long, 25m total length of the shallow bed infiltrative surface.
- •At the distal end of each lateral, install end caps, add an observation port 2 m centered from the distal ends of the bed area.
- •Ensure .8m horizontal separation between laterals, 30 cm from outer laterals to outer edges of the bed and extend the downslope toe if necessary to $35-40\,\mathrm{cm}$
- ·Lateral holes facing at 4 o'clock and 8 o'clock.

Placing cover soil

- ·Cover the fabric with sandy soils and screened topsoil up to 15cm.
- ·Achieve a well graded sloped surface with positive drainage and no potential ponding on the surface.
- •Use a gentle slope to blend with the surrounding topography, with extended toes, increased basal footprint.

Aggregates:

- •Drain rock to be between 3/4" and 1" and washed.
- ·Cover soil should be top soil, pit run or using surrounding native soils as long as they are highly permeable and free of cobble, & rocks ·Bedding material under tanks must be free of coarse fragments larger than 10mm 3/8 in. Screened bedding sand is highly recommended. Bedding material depth must be at least 25mm under and 75mm over the piping and must in all cases be adequate to prevent contact of pipe with coarse fragments. This includes piping to and from the tanks including the force main.

Pipe:

- $\cdot 100 \text{ mm}$ (4 inch) sewer connections must be CSA PVC drain line or better.
- •Ensure minimum 2% fall from sewer service to septic tank and at least 1% drop to pump chamber.
- •Drain line from distribution box to laterals must be 100 mm (4 inch) CSA PVC
- ·Laterals must be min of 4" CSA PVC perforated lines.

Septic Tank:

- *1 Leko 1500 g 2 compartment septic tank.
- * Select the excavation elevation to ensure at least 2% fall from the connection of the home and with consideration of riser heights to ensure the lids are flush with the desired finished grade.
- *Ensure proper bedding as per manufacturers recommendation.

Electrical:

- •All electrical work is to be performed by a qualified electrical, as per applicable codes and as per these specifications:
- ·Electricians note: the standards related to sewerage systems (as listed here by the Authorized Person- Planner) must be complied with in addition to electrical codes. Feel free to contact the Planner for additional clarity (250-768-0056 Business, 778-363-0828 Cell.



mm, $\frac{1}{4}$ inch or better).

Miscellaneous specifications and installation procedures:

- •Ensure the soil conditions in the dispersal area will promote vertical flow so that soils will receive effluent without causing any significant horizontal flow or ponding.
- -Assess conditions. Adjust procedures and/or do not install in wet conditions.
- -Prevent excessive disturbance or compaction or smearing of the original soil in the dispersal area and downslope receiving areas; do not back trucks onto area, do not drive any rubber tired machinery over infiltrative surfaces or basal interfaces, minimize loads, do not smear soils with the back or bottom of the bucket.
- -Scarify the infiltrative surface effectively (or the basal interface for raised systems), loosen the soil surface thoroughly but do not disturb the underlying soil excessively, scarify only to a shallow depth (approx. 10 cm).
- -When placing sand and rock media, minimize compaction of the basal interface and underlying soil by keeping at least 30 cm depth of sand fill under the tracks. Do not use rubber tired machinery for placing sand media.
- •Ensure no subsequent settling or misalignment of tanks
 -Provide constant support of the tanks, ensure the depth of pea gravel
 or bedding sand placed under the tanks is consistent by not over
 excavating and by making the excavation reasonably
 level before placing bedding. Then, for flat bottomed tanks, the pea
 gravel or bedding sand should be exceptionally level (plus or minus 6
- -Place water inside tanks before backfill to secure them in place. This is always recommended but is especially critical if any groundwater is present in the excavation...which could cause shifting or floatation of the tank before or during or after backfill.
 -Place backfill material consistently around the tanks and with suitable care to avoid excessive side pressure that could cause the
- -Keep tires or tracks away from the tanks to avoid excessive side pressure.
- •Ensure there is no risk of any tank movement, floating or distortion that could be caused by excessive elevations of groundwater. If there is a risk of high water table conditions, drain the tank backfill area to an elevation at or below 2/3 of the tank height (lower for poly tanks), by using drain rock leading to the foundation perimeter drain, or by installing rock and a piping system that will discharge to other downslope point on the property. If this is not practical, then use anchoring methods approved by the tank manufacturer, and inspected and approved by the Planner. On this site, preliminary assessment indicates no such pre cautions are necessary, but the planner will attend the site during excavation to confirm.
- •Ensure there is no subsequent settling, distortion or misalignment of the inlet and outlet piping for the septic tank and pump chamber and provide reliable support for all piping systems including force mains etc.
- -Use suitable backfill material (unsaturated, granular material) under

the piping to the full depth of the excavation or trench.

- -Use effective compaction techniques, such as a jumping jack, with soil lifts not exceeding 18 inches depth, or other methods approved by the Planner.
- -An alternative is to use rock fill under the piping to the full depth of the excavation.
- •Protect all tanks and piping systems by using bedding material as described in the aggregate specifications section.
- •Ensure that sewage or effluent will not leak from the tanks or associated piping and that groundwater will not infiltrated tanks or any part of the system. Perform water tight testing of tanks or vacuum test along with associated piping. Typically, this is done by installing suitable plugs in inlet piping and outlet piping, then filling tanks with water to 5 cm above tank lid within the risers, and confirming leak free condition after 24 hours (as per SPM 111-6.4.3.2).
- •Perform flushing and testing of the force main and dispersal into the distribution box, in a manner that reduces risk of clogging as follows:
- -Use a hose or bucket and clean water.
- -Then before performing the dosing test, adjust speed levellers for even distribution to all lateral lines.
- -Then perform dosing test for all 8 laterals
- simultaneously to ensure even distribution in the d-box.
- •Establish appropriate vegetation cover of the dispersal field (grass) or ensure the owner agrees to this task.
- •Ensure the dispersal field and tanks are protected during and after construction from traffic, heavy loads, surface or sub surface flows of water. This may require drainage systems such as swales and or interceptor drains.

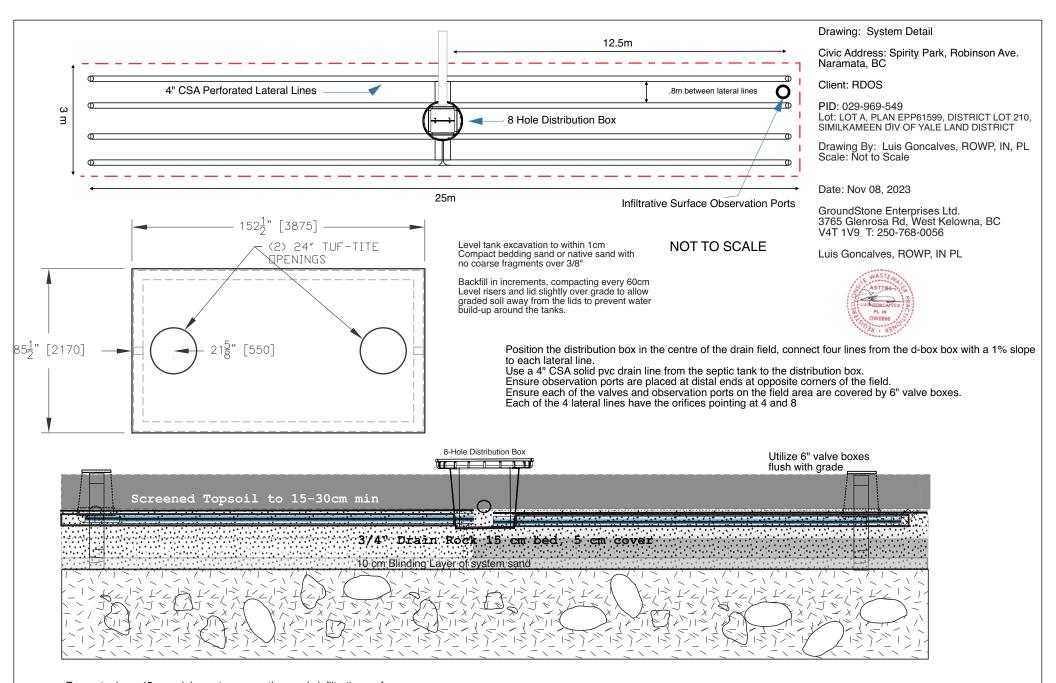
Contact the Planner, Luis Goncalves, before starting construction, to schedule a pre-construction meeting, and to make arrangements for construction oversight, final inspection and system commissioning.

Declaration:

These plans and specifications are consistent with standard practice with regard to the Sewerage System Regulation and the Sewerage System Standard Practices Manual of the B.C. Ministry of Health. I have conducted a site evaluation and exercised due diligence. I am a registered on-site waste water practitioner authorized to design and construct or provide oversight, for the system designed herein.







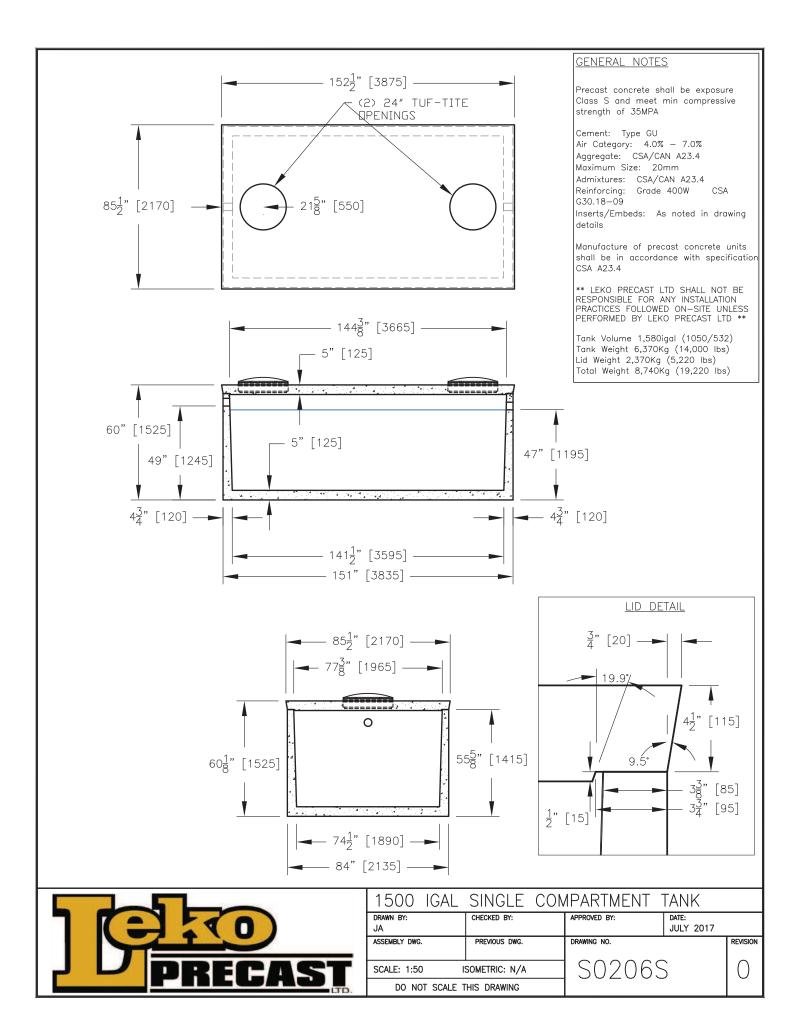
Excavate down 45 cm minimum to expose the sandy infiltrative surface. Add and level 10cm sand bed, add 15-20 cm of clean 3/4" drain rock. Layout the lateral lines with orifices facing at 4 and 8'Oclock.

Cover the lateral lines with 5 cm of drain rock min. Ensure valve boxes cover cleanout ports at each of the lateral lines.

Ensure the observation ports with sawed slits at each of the bottoms are placed at the distal ends of the bed area.

Place cover fabric over the rock bed covering the lateral lines.

Cover with permeable topsoils and slope edges with a 2:1 slope away from the drain field centre.



Appendix D TRACKING AND REPORTING FUEL USE

The Regional District of Okanagan-Similkameen is a signatory to the BC Provincial Climate Action Charter, and is required to track and report fuel consumption data as part of the agreement. Under the Charter, the Regional District is working towards carbon neutrality in all of its corporate operations. The Regional District requires the Service Provider and their contractors performing work in relation to this Agreement to report the type and quantity of fuel used (with each invoice) to operate vehicles, equipment and machinery deployed in the delivery of Services.

Fuel Reporting Form

See suggested reporting format table below. Information can be provided in organization-specific format if required, as long as data outlined below is included.

	CONTACT INFORMATION	
P.O.	- CONTACT IN CREATION	Enter P.O. Number
Vendor Name		Common/legal Name
Date Range of Fuel		Actual Date range or indicate
Report		period of fuel tracking (e.g.
(dd/mm/yyyy to		indicate quarter)
dd/mm/yyyy		
Name		
Title		
Phone		
Email		
	CONTRACTED FUEL USAGE	
Fuel Type	Quantity (litres)	Leave non-applicable fields blank
Gasoline (litres)		
Diesel (litres)		
Bio-diesel (litres)		
Natural Gas (litres)		
Propane (litres)		
Prorated (by service hours)		Please note method of apportionment if volume data was not directly collected from each contract.