
To:	Anna Keenan, CAO Rural Municipality of Victoria 730 Victoria Road Victoria, PE, C0A 2G0	From:	Krista Flanagan, P.Eng 1133 St George Blvd., Suite 350 Moncton, NB E1E 4E1
File:	133348673	Date:	November 10, 2023

Reference: Rural Municipality of Victoria Wharf Upgrades – Tender Results**Tender Results**

The tender for the Victoria Wharf Upgrades was issued on October 25th, 2023 and closed on November 9th, 2023. All tender documents have been provided to the Municipality for review.

Only one bid for the tender was received by Island Coastal Ltd. of Charlottetown, PE. The total bid amount was for \$455,387.88 + HST.

The breakdown of unit pricing for the bid is shown within the bid form attached.

Considerations & Recommendations

Following review, Stantec recommends that the Municipality proceed with acceptance of the bid by Island Coastal in the amounts below:

Items 1-20: \$318,870.33 + HST

Provisional Items: 21-25: \$136,517.55 + HST

Total Bid: \$455,387.88 + HST

It is to the client's discretion to accept or refuse the bid, schedule and documentation attached supplied by Island Coastal Ltd.

If there are any questions, please do not hesitate to reach out either through email krista.flanagan@stantec.com or through my cell at 506-229-2418.

Stantec Consulting Ltd.



Krista Flanagan P.Eng
Civil Engineer, Water-CA Atlantic

Phone: 506 800 6979
Mobile: 506 229 2418
krista.flanagan@stantec.com

November 10, 2023

Anna Keenan, CAO

Page 2 of 2

Reference: Rural Municipality of Victoria Wharf Upgrades – Tender Results

Attachment: Island Coastal Bid Form

c.

BID BOND

Bond No.: 904000981-23-41

Bond Amount: 10% OF TENDER

ISLAND COASTAL SERVICES LTD. as Principal, hereinafter called the Principal, and **Intact Insurance Company** a corporation created and existing under the laws of Canada and duly authorized to transact the business of Suretyship in Canada as Surety, hereinafter called the Surety, are held and firmly bound unto **RURAL MUNICIPALITY OF VICTORIA** as Obligee, hereinafter called the Obligee, in the amount of **10% OF TENDER AMOUNT** **00/100 Dollars (10% OF TENDER)** lawful money of Canada, for the payment of which sum the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, the Principal has submitted a written tender to the Obligee dated the **9TH** day of **NOVEMBER, 2023**, for **VICTORIA WHARF SEWAGE INFRASTRUCTURE: REPLACEMENT AND UPGRADES**

The condition of this obligation is such that if the Principal shall have the bid accepted within the time period prescribed in the Obligee's bid documents, or, if no time period is specified in the Obligee's bid documents, within **Sixty Days (60)** days from the closing date as specified in the Obligee's bid documents, and the Principal enters into a formal contract and gives the specified security, then this obligation shall be void; otherwise, provided the Obligee takes all reasonable steps to mitigate the amount of such excess costs, the Principal and the Surety will pay to the Obligee the difference in money between the amount of the bid of the Principal and the amount for which the Obligee legally contracts with another party to perform the work if the latter amount be in excess of the former.

The Principal and the Surety shall not be liable for a greater sum than the Bond Amount.

It is a condition of this bond that any suit or action must be commenced within seven (7) months of the date of this Bond.

No right of action shall accrue hereunder to or for the use of any person or corporation other than the Obligee named herein, or the heirs, executors, administrators or successors of the Obligee.


IN WITNESS WHEREOF, the Principal and the Surety have Signed and Sealed this Bond dated **6TH** day of **NOVEMBER**, in the year **2023**.

SIGNED and SEALED

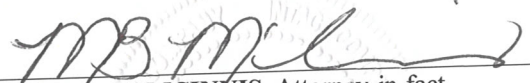
ISLAND COASTAL SERVICES LTD.

in the presence of


Witness as to Principal


Principal

INTACT INSURANCE COMPANY


MARY BETH MCINNIS, Attorney-in-fact

SURETY'S CONSENT

Date: 06 November 2023

No: 904000981-23-41

WHEREAS **ISLAND COASTAL SERVICES LTD.** (Principal) has submitted a written tender to **RURAL MUNICIPALITY OF VICTORIA** (Obligee) dated **9TH** day of **NOVEMBER 2023**.

concerning: **VICTORIA WHARF SEWAGE INFRASTRUCTURE: REPLACEMENT AND UPGRADES**

and the condition of this obligation being such that the Principal shall have the tender accepted within **SIXTY (60)** days from the closing date of tender,

we, **INTACT INSURANCE COMPANY**, a corporation created and existing under the laws of Canada and duly authorized to transact the business of Suretyship in the Province of **P.E.I.** as Surety, agree to issue for the Principal if the Principal shall enter into a written contract with the Obligee, the following bond(s):

1. - a contract performance bond (50%) of the contract price not exceeding the maximum sum of:

FIFTY PERCENT OF THE AMOUNT OF TENDER

2. - a labour and material payment bond for (50%) of the contract price not exceeding the maximum sum of:

FIFTY PERCENT OF THE AMOUNT OF TENDER

This consent shall be null and void unless an application for the said bond(s) is made within thirty (30) days following the award of the contract.

INTACT INSURANCE COMPANY



MARY BETH MCINNIS, ATTORNEY-IN-FACT

Island Coastal Services Ltd.

Victoria Wharf Sewage Infrastructure: Replacement and Upgrades
Preliminary Construction Schedule

	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024	June 2024
1	30 - 3 6 - 10 - 13 - 17 - 20 - 24 27 - 1	4 - 8 11 - 15 18 - 22 25 - 29 2 - 5	8 - 12 15 - 19 22 - 26 29 - 2	5 - 9 12 - 16 19 - 23 26 - 1	4 - 8 11 - 15 18 - 22 25 - 29 1 - 5	8 - 12 15 - 19 22 - 26	17 - 21
2	X						
3							
4							

Stantec Consulting Ltd.
Stantec Consulting Ltd.
1199 Main Street, Moncton NB E1C 1H9
Phone:(506) 383-8500

File: 133348673
Addendum No: 001
Date: November 2, 2023
Owner: Rural Municipality of Victoria
Contract No. RMV-2023-02

This addendum is to be read with and constitutes part of the tender document.

INSTRUCTIONS:

1. Amend your copy of the tender/quotation/proposal in accordance with the detail below
2. Retain one copy for your file; sign and return a second copy and attach to your submission as confirmation that the Addendum was taken into account in your bid submission.
3. Failure to sign and return this form may result in a non-compliant bid.
4. **Note:** This addendum expands the scope of work to include an option to rehabilitate the existing FRP structure. Bidders are to submit pricing for either full removal and replacement of the existing wet well, OR for structural rehabilitation by a specialized FRP contractor. In addition to other modifications, the specification and drawing changes included herein are intended to account for this additional option.

DETAILS OF THE ADDENDUM:

Specifications

1. **REPLACE** Section 00 21 13.1.2.1 with the following:

"1.2.1. Work under this contract will include decommissioning of the existing sanitary pumping station, along with associated infrastructure, and replacement of the wet well structure or rehabilitation of the existing fiberglass (FRP) wet well, including reinstatement of impacted areas, and provisional items including forcemain replacement and heat trace installation along the wooden timber curb of the wharf, for a Unit Price remuneration in accordance with the Contract Documents as prepared by Stantec Consulting Ltd.

1.2.1.1 The wet well replacement option includes a new packaged pumping station complete with control panels and alarms. Pumps, control, panels, and alarms are also to be provided with the FRP rehabilitation option. Details of each scope option are provided in Sections 32 32 13.13 and 32 32 13.23.

1.2.1.2 Submitted bids are to include either the replacement OR the rehabilitation option as per the specifications. Which option has been priced shall be clearly indicated on the submitted Bid Form (Section 00 21 20)."

2. **DELETE** Section 00 21 13.1.2.3 in its entirety.
3. **REPLACE** Section 00 21 20 with the attached revised version.
4. **ADD** Section 26 77 10 – Heat Tracing. Refer to attached section.
5. **REPLACE** Section 31 23 33.01 - 2.1.2.1 with the following:
"2.1.2.1. Compressive strength at 28 days to range from 0.4 MPa to less than 10 MPa."
6. **REPLACE** Section 32 32 13.13 - 2.2.8 with the following:
"2.2.8. Acceptable product: Sulzer Piranha PIR PE25/2, Barnes model SGVF2022L, or approved alternate."
7. **ADD** Section 32 32 13.23 – Sewage Lift Station – Rehabilitation

Drawings

1. Drawing C-101, **REPLACE** leader note on the existing wet well with the following:
"Remove and replace or rehabilitate existing ± 900 mm ID FRP pumping station. Refer to notes and specifications for equipment and procedure.
Ex. Overflow INV 0.81m (Approx.) – to be removed
Ex. Inlet INV 1.19m (Approx.)
Ex. Top: 2.05m
New Top: 1.95m
Ex. Surface: 2.16m"
2. Drawing C-502, **REPLACE** Note #1 with the following:
"1. Depth of ex. station is approximately 2.54m. Contractor to confirm overall depth, and pipe inverts and connections prior to the start of construction. Existing elevations are to be matched unless otherwise noted."

3. Drawing C-502, Detail 5, **MODIFY** as follows:
 - a. Basin depth 2.54m±. See Note #1
 - b. 100mm SCH 40 PVC sewer inlet at approx. 0.81m is to be removed entirely.
 - c. For the rehabilitation option: Top portion of the wet well is to be removed and replaced to provide a suitable mounting flange for the cover at the specified elevation.
 - d. Bedding and backfill surround for replacement wet well structure shall be unshrinkable concrete fill up to within at least 1.5m of surface. Granular 'A' compacted to 95% SPDD may be placed above this level where compaction may be safely performed.

4. Drawing C-502, Detail 6, **MODIFY** as follows:
 - a. Inlet sewer appears to be 150mm Schedule 40 PVC. Contractor to confirm pipe diameter and elevation prior to the start of work.
 - b. An existing capped, 100mm PVC overflow is located at the 6 o'clock position on the wet well as shown. This connection and pipe shall be removed entirely from the wet well to its outlet through the wharf sheet pile wall. Bidders shall assume up to 5m of pipe, less than 1m deep, is to be removed and the sheet piling outlet fitted with a welded patch.

5. Drawing C-501, **ADD** note as follows:
 - a. Heat trace supplier shall provide details on electrical loading required to support heat trace system. Provide required watts/VA and recommended breaker size at 120V or 208/240V. For purposes of baseline pricing, assume a 15A 2P feed from the existing electrical panel. Upon confirmation of required electrical loading, consultant will advise and confirm electrical connection details.

Clarifications

Question No. 1: Reference 32 32 13.13 – Item 2.1.7.1: Is the spec asking that the cover be drilled with bolt holes per ANSI B16.47 Series B? If so, this may not be possible. Drilling per ANSI would have 48 holes on bolt circle of 46.12". This will be custom, and we will check if it can be done. We typically drill only 6 holes as it is just a cover.

Response No. 1: Six (6) holes are acceptable provided that they match the standard ANSI flange bolt hole locations equally spaced around the cover. As per Paragraph 2.1.7.2 & 2.1.7.4, the checker plate cover will not be fastened with bolts. The bolt holes are currently only proposed to be used to secure the cover with locks.

Question No. 2: Reference 32 32 13.13 – Item 2.1.7.2: We are confirming with the factory to see if this is possible. We will confirm back.

Response No. 2: The specified solid cover and appurtenances are to be supplied as specified.

Question No. 3: Reference 32 32 13.13 – Item 2.1.7.3: Our standard cover has a hinged door, which is not gastight. Are you looking for a solid cover?

Response No. 3: Refer to Question No. 2 response.

Question No. 4: Reference 32 32 13.13 – Item 2.4.4: Bearing life of 50k is not available on the 2 pole PIR S10/2. It is available on Sulzer's heavier duty PIR PE25/2, however. Would you prefer the PIR PE25/2?

Response No. 4: Refer to *Specifications*, Item #5 above.

Question No. 5: Reference 32 32 13.13 – Item 2.4.6: The PIR S10/2 has only a single mechanical seal. Sulzers PIR PE25/2 has two mechanical seals, however. Would you prefer the PIR PE25/2?

Response No. 5: Refer to *Specifications*, Item #5 above.

Question No. 6: Reference 32 32 13.13 – Item 2.8.1 & 2.8.2: These are not the standard valves in a pre-packaged Sulzer basin and would be custom. Will the factories standard valves be acceptable?

Response No. 6: The specified valves are to be supplied.

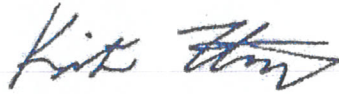
Question No. 7: Reference Drawing C-502, Sewer Inlet: We are confirming if a threaded plug in possible. We will confirm back.

Response No. 7: This connection is to be removed and not reinstated. Refer to *Drawings*, Items 1, 3 & 4 above.

Question No. 8: Proposed alternate pump model – Barnes Model SGVF2022L.

Response No. 8: Refer to *Specifications*, Item #5 above.

Stantec Consulting Ltd.



Krista Flanagan P.Eng
Civil Engineer, Water-CA Atlantic

Phone: 506 800 6979
krista.flanagan@stantec.com

Attachment: Specification Section 00 21 20
Specification Section 32 32 13.23
Specification Section 26 77 10

c. C.C.

Name of Firm

ISLAND COASTAL SERVICES LTD.

Authorized Signature

D. Blair MacLauchlan

Printed Name

D. BLAIR M^{AC}LAUCHLAN

Date

NOVEMBER 9, 2023

Stantec Consulting Ltd.
Stantec Consulting Ltd.
1199 Main Street, Moncton NB E1C 1H9
Phone:(506) 383-8500

File: 133348673
Addendum No: 002
Date: November 2, 2023
Owner: Rural Municipality of Victoria
Contract No. RMV-2023-02

This addendum is to be read with and constitutes part of the tender document.

INSTRUCTIONS:

1. Amend your copy of the tender/quotation/proposal in accordance with the detail below
 2. Retain one copy for your file; sign and return a second copy and attach to your submission as confirmation that the Addendum was taken into account in your bid submission.
 3. Failure to sign and return this form may result in a non-compliant bid.
 4. **Note:** This addendum provides existing site information only.
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DETAILS OF THE ADDENDUM:**Information**

1. Refer to attached Visual Inspection Report by Atlas conducted on October 26, 2023.

Stantec Consulting Ltd.

Krista Flanagan P.Eng
Civil Engineer, Water-CA Atlantic

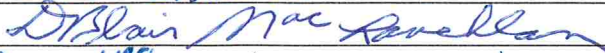
Phone: 506 800 6979
krista.flanagan@stantec.com

Attachment: Visual Inspection Report

Name of Firm

ISLAND COASTAL SERVICES LTD.

Authorized Signature



Printed Name

D. BLAIR MACLAUGHLIN

Date

NOVEMBER 9, 2023

Atlas
Testing
Labs
And
Services (NS) Ltd.

VISUAL INSPECTION REPORT

CLIENT	VICTORIA MUNICIPALITY OF PEI	DATE	OCTOBER 26, 2023
ATTENTION	ANNA KEENAN	JOB No.	NS-23-10-50-1
LOCATION	VICTORIA, PRINCE EDWARD ISLAND	PO/WO No.	Wo# ANNA KEENAN
PROJECT	WHARF LIFT STATION UPGRADE	ACCEPTANCE	QUALITY CONTROL
ITEMS EXAMINED	SEPTIC LIFT STATION	STANDARD	QUALITY CONTROL
		PROCEDURE No.	VIS-G-1 REVISION 0

RESULTS:

VISUAL INSPECTION WAS PERFORMED ON A 8' 4" HIGH, 36" ID FIBERGLASS STORAGE TANK.

MAJORITY OF THE EXTERNAL SURFACE OF THE TANK IS NOT ACCESSIBLE DUE TO THE CONFIGURATION OF THE STORAGE TANK.

THERE IS A EXPOSED PORTION OF THE STORAGE TANK THAT CAN BE SEEN NEAR THE TOP ENTRYWAY, FROM THE EXTERNAL SURFACE. UPON EXAMINATION OF THIS AREA VISIBLE LIGHT WAS ABLE TO BE SEEN THROUGH THE FIBERGLASS WALL OF THE STORAGE TANK.

UPON ENTRY OF THE STORAGE TANK, A CONTINUOUS SPLIT IN THE FIBERGLASS MATERIAL CAN BE SEEN TRAVELING CIRCUMFERENTIALLY WITH THE I.D. THE SPLIT IN MATERIAL IS LOCATED 43" FROM THE TOP OF THE TANK AND MEASURES APPROXIMATELY 75" IN TOTAL LENGTH.



EXTERNAL OF FIBERGLASS STORAGE SHOWING THROUGH WALL SUNLIGHT



INTERNAL WALLS OF FIBERGLASS HOLDING TANK

TECHNICIAN CWB LEVEL	NICHOLAS FRASER III	TECHNICIAN CWB LEVEL	
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REPORT SUBMITTED BY: **HAROLD FRASER**
CWB LEVEL III
SNT-TC-1A LEVEL III

Harold Fraser

THIS CERTIFICATE OR REPORT IS VALID ONLY FOR THAT WORK WHICH WAS SPECIALLY REQUESTED. THE COMPANY IS NOT RESPONSIBLE FOR ANY VIEWS OR OPINIONS EXPRESSED BY EMPLOYEES PERFORMING THIS WORK WHICH FALL OUTSIDE THE EXACT TERMS OF REFERENCE. ALL CERTIFICATES AND/OR REPORTS ARE THE RESULT OF WORK PERFORMED IN CONFORMANCE WITH APPLICABLE SPECIFICATIONS AND STANDARDS TO THE BEST OF OUR ABILITY AND INTENT. HOWEVER THE COMPANY WILL NOT BE RESPONSIBLE FOR DEVIATIONS WITHIN THE NORMAL LIMITS OF ACCURACY IN ACCORDANCE WITH STANDARD PRACTICES. IN NO EVENT SHALL ATLAS'S LIABILITY EXCEED THE AMOUNT PAID FOR SUCH SERVICES

3593-#4 HIGHWAY, SALT SPRINGS, PICTOU COUNTY, NS; B0K 1P0
(902) 925-2038/(902) 925-2724
(902) 925-2038 - FAX

Atlas
Testing
Labs
And
Services (NS) Ltd.

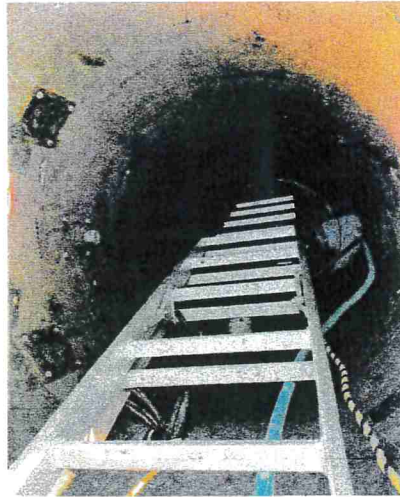
VISUAL INSPECTION REPORT

CLIENT	VICTORIA MUNICIPALITY OF PEI	DATE	OCTOBER 26, 2023
ATTENTION	ANNA KEENAN	JOB No.	NS-23-10-50-1
LOCATION	VICTORIA, PRINCE EDWARD ISLAND	PO/WO No.	Wo# ANNA KEENAN
PROJECT	WHARF LIFT STATION UPGRADE	ACCEPTANCE	QUALITY CONTROL
ITEMS EXAMINED	SEPTIC LIFT STATION	STANDARD	QUALITY CONTROL
		PROCEDURE No.	VIS-G-1 REVISION 0

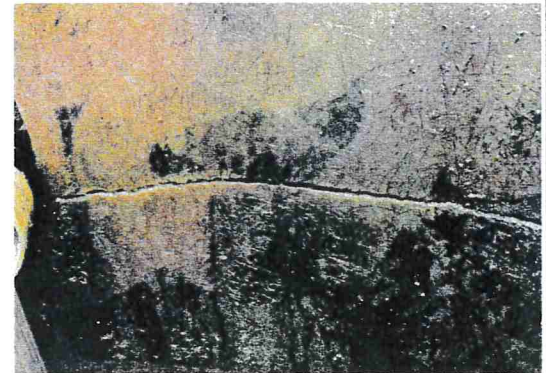
RESULTS:



STEEL CHECKER PLATE
COVER OF FIBERGLASS TANK



TOP OF FIBERGLASS TANK
LOOKING DOWN, TANK
HEIGHT 8'4", 36" I.D.



APPROXIMATELY 75" CONTINUOUS
SPLIT IN FIBERGLASS TANK, 43"
FROM TOP OF TANK.



CONTINUOUS SPLIT



CONTINUOUS SPLIT

TECHNICIAN **NICHOLAS FRASER**
CWB LEVEL **III**

TECHNICIAN
CWB LEVEL

REPORT SUBMITTED BY: **HAROLD FRASER**
CWB LEVEL III
SNT-TC-1A LEVEL III

Harold Fraser

THIS CERTIFICATE OR REPORT IS VALID ONLY FOR THAT WORK WHICH WAS SPECIALLY REQUESTED. THE COMPANY IS NOT RESPONSIBLE FOR ANY VIEWS OR OPINIONS EXPRESSED BY EMPLOYEES PERFORMING THIS WORK WHICH FALL OUTSIDE THE EXACT TERMS OF REFERENCE. ALL CERTIFICATES AND/OR REPORTS ARE THE RESULT OF WORK PERFORMED IN CONFORMANCE WITH APPLICABLE SPECIFICATIONS AND STANDARDS TO THE BEST OF OUR ABILITY AND INTENT. HOWEVER THE COMPANY WILL NOT BE RESPONSIBLE FOR DEVIATIONS WITHIN THE NORMAL LIMITS OF ACCURACY IN ACCORDANCE WITH STANDARD PRACTICES. IN NO EVENT SHALL ATLAS'S LIABILITY EXCEED THE AMOUNT PAID FOR SUCH SERVICES

3593-#4 HIGHWAY, SALT SPRINGS, PICTOU COUNTY, NS; B0K 1P0
(902) 925-2038/(902) 925-2724
(902) 925-2038 - FAX

**Victoria Wharf Sewage Infrastructure:
Replacement and Upgrades**

Bid Submitted to: *The Rural Municipality of Victoria*
c/o Stantec Consulting Ltd.
165 Maple Hills Avenue
Charlottetown, PE C1C 1N9

BY: *ISLAND CONSTAL SERVICES LTD*
(Company Name)
P.O. Box 151, CHARLOTTETOWN, P.E.I. C1A-7K4
(Business Address)

Having examined the Bid Documents as listed in Appendix "A" to this Bid and Addenda No. 1 to No. 2 inclusive, all issued by Stantec Consulting Ltd., hereinafter called the Consultant, and having visited the project site, the undersigned hereby offer to enter into a Contract to perform the Work required by the Bid Documents for the amounts shown in the schedule of Contract Unit Prices which is attached and forms part of this Bid.

The Contract Unit Prices in the Bid Form do **NOT INCLUDE** the Harmonized Services Tax (HST). HST is added at the end of the Schedule of Contract Unit Prices on the line provided for this purpose. The prices in Canadian funds must include all other taxes, Federal or Provincial, and Municipal levies for materials and labour, and all permits as required.

We hereby declare that:

- a) We agree to complete the Work as specified in the work schedule included in the Bid Documents;
- b) This Bid is open to acceptance and is irrevocable for the period of time from the date of Bid Closing as given in Section 00 21 13;
- c) Changes in the work will be valued as specified in Supplementary Conditions;
- d) The attached appendices "A" and "B" form an integral part of this Bid;
- e) Liquidated Damages of the amount stipulated in the Supplementary Conditions shall apply for each working day that the work is incomplete after the time so specified by the Contractor in this Bid Form;
- f) The substantial completion of all buried pipe work (sanitary sewer collection system, and commissioning of the pumping station) shall be attained within 25 construction days. Construction days include those days in which work is undertaken and does not include non-working days (i.e. weekend days, non-work days due to weather conditions). The substantial completion of the balance of the work (site restoration) shall be attained within 5 construction days for a total of 30 days.

Signed, sealed and submitted for and on behalf of:

Company: ISLAND CONSTAL SERVICES LTD
(Company Name)
P.O. Box 151, CHARLOTTETOWN, P.E.I. C1A 7K4
(Address)

Signature of Witness [Signature]
Name (Printed) W. KENNETH CLEVELAND

Signature of Representative [Signature]
Name (Printed) D. BLAIR MAE LAUCHLAN
Title (Printed) PRESIDENT

Signature of Witness _____
Name (Printed) _____

Signature of Representative _____
Name (Printed) _____
Title (Printed) _____

If Bidder is a corporation, the corporate seal shall be affixed. The Bid shall be signed, witnessed, and sealed in accordance with Section 00 21 14 INSTRUCTIONS TO BIDDERS.

PART 1: SCHEDULE OF CONTRACT UNIT PRICES

The quantities shown in this schedule are estimated. The Contract Price shall be the final sum of the products of the actual quantities that are incorporated in, or made necessary by the Work, as confirmed by count and measurement, and the appropriate Contract Unit Prices, together with any adjustments that are made in accordance with the provisions of the Contract Documents.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASUREMENT	UNIT PRICE	TOTALS
1	Packaged Sewage Lift Station - Replacement Spec Section: 32 32 13.13 ✓ OR Sewage Lift Station - Rehabilitation Spec Section: 32 32 13.23	1	Lump sum	231,721.08	231,721.08
2	Odour Control Unit and mounting Spec Section: 32 32 13.13	1	Lump sum	28,999.95	28,999.95
3	Connections to new pumping station Spec Section: 32 32 13.13 OR 32 32 13.23	3	Each	580.00	1,740.00
4	Full depth asphalt removal Spec Section: 31 23 33.01	10	Square meters	97.45	974.50
5	Asphalt restoration Spec Section 32 12 16.01	10	Square meters	170.17	1,701.70
6	Timber boardwalk reinstatement Spec Section 01 74 12	1	Lump sum	6,959.99	6,959.99
7	2" PVC conduit (3 runs @ 35m)	105	Lineal meters	30.16	3,166.80
8	30A, 2P Circuit breaker (240V panelboard)	1	Each	5,567.99	5,567.99
9	Explosion proof junction box (6" x 6" x 12")	1	Each	1,740.00	1,740.00
10	Explosion proof junction box (6" x 6" x 6")	1	Each	1,044.00	1,044.00
11	EYS fitting (for 2" RGS conduit)	3	Each	116.00	348.00
12	Conduit adaptor (2" RGS to 2" PVC)	3	Each	87.00	261.00
13	2" RGS conduit	3	Lineal meters	67.67	203.01
14	Misc. PVC/RGS conduit fittings (locknuts, bushings, expansion, etc.)	1	Lump sum	4,639.99	4,639.99
15	New trenching, asphalt grade (PVC conduits)	35	Lineal meters	87.52	3,063.20
16	Unistrut support brackets	1	Lump sum	348.00	348.00
17	Misc. electrical	1	Lump sum	15,079.98	15,079.08

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASUREMENT	UNIT PRICE	TOTALS
18	Mobilization/Demobilization	1	Lump sum	5,173.59	5,173.59
19	Commissioning, Testing & Startup	1	Lump sum	4,059.99	4,059.99
20	Restoration	1	Lump sum	2,077.56	2,077.56

SUBTOTAL (A) ITEMS 1 TO 20 318,870.³³
HST (B) 47,830.⁵⁵
TOTAL FOR CONTRACT (A+B) 366,700.⁸⁸

PROVISIONAL ITEMS

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASUREMENT	UNIT PRICE	TOTALS
21	Remove and Replace existing forcemains on wharf c/w pipe insulation Spec Section: 33 34 00	260	Lineal meters	404. ⁸²	105,253.20
22	Heat tracing for new forcemains	260	Lineal meters	22.31	5,800.60
23	Connections to existing forcemains	2	Each	923.94	1,847.88
24	Replace timber curb (allowance)	130	Lineal meters	149. ⁶⁰	19,448. ⁰⁰
25	Cast-in davit sleeve and Portable lifting davit	1	L.S.	4,167. ⁸⁷	4,167.87

SUBTOTAL (A) ITEMS 21 TO 25 136,517.⁵⁵
HST (B) 20,477.⁶³
TOTAL FOR CONTRACT (A+B) 156,995.¹⁸

END OF SECTION