



SUNSHINE COAST REGIONAL DISTRICT

AMENDMENT NO.#2

Request for Proposal No. 2435204

Contact Water Pond Relocation at the Sechelt Landfill

Date: October x, 2024

This addendum forms part of the contract documents and shall be read, interpreted, and coordinated with all other parts. The costs of all work contained herein shall be included in the tender submission. The following revisions, clarifications, changes, additions, or deletions supersede the information contained in the original documents to the extent referenced and shall become part thereof:

Number of pages including attachments: #9

Item No.1 Construction Drawings and Specifications Section 31 23 11 Fill Item2.6 & Section 31 23 11 Fill Item 4.6

Should the Contractor choose to provide an alternative retention pond liner the following changes would be required:

Remove:

"Section 31 23 11 Fill Item 2.6 Compacted Clay Liner" and "Section 31 23 11 Fill item 4.6 Compacted Clay Liner" in its entirety.

Add / Replace with:

"Section 31 32 19.01 Geotextiles

2.2 GEOSYNTHETIC CLAY LINER

- A. BENTOFIX Thermo Lock SRNWL-60, or approved equivalent.
- B. Prefabricate in a manufacturing facility using uniform layer of natural sodium bentonite containing 90 percent sodium montmorillonite. Neither the support materials nor the adhesives shall interfere with the swelling, self-healing, or low permeability characteristics of the bentonite.
- C. Upper Support Layer: Non-woven geotextile.
- D. Lower Support Layer: Scrim reinforced non-woven geotextile.
- E. Upper and lower geotextile needle punched together.
- F. GCL Properties:

| <i>Property</i> | <i>Unit</i> | <i>Test Method</i> | <i>Value</i> |
|-----------------------|----------------------------|--------------------|--------------------------|
| Bentonite | | | |
| Swell Index | mL/2g | ASTM D5890 | 24 (minimum) |
| Fluid Loss | mL | ASTM D5891 | 18 (maximum) |
| GCL | | | |
| Bentonite Mass/Area | Kilograms per square meter | ASTM D5993 | 3.6 (minimum) |
| Grab Tensile Strength | Kilonewtons per meter | ASTM D6768 | 8.8 (MARV) |
| Peel Strength | Newtons per meter | ASTM D6496 | 2100 (minimum) |
| Permeability | Centimeters per second | ASTM D5887 | 5x10 ⁻⁹ (max) |

2.3 Materials

A. Bentonite Sealing Compound and Granular Bentonite:

1. Bentonite sealing compound and granular bentonite shall be supplied by manufacturer and be comprised of the same bentonite used in manufacturing the GCL.
 - i. Bentonite Sealing Compound: A mixture of non-aqueous liquid suspension agents which create a past-like texture.
 - ii. Furnish granular bentonite in 50-pound bags.
2. The suspension agents used in the manufacture of bentonite sealing compound shall be non-toxic, water soluble and shall not restrict the bentonite's ability to swell and absorb water upon hydration."

Item No.2 "Form of Tender Schedule 2 - Schedule of Quantities and Prices" and "Construction Drawings and Specifications Table 1 - Schedule of Prices"

Delete existing schedules and tables.

Replace with updated Schedule of Quantities and Prices

Item No.3 Construction Drawings and Specifications Attachment 2 Drawing C-05

Should the Contractor choose to provide an alternative retention pond liner the following changes would be required:

Delete: Existing Proposed Contact Water Pond Profiles Drawing 05

Add: Proposed Contact Water Pond Profiles (Revised) dated October 4, 2024.

Amendment No.2 is issued prior to receipt of submission and shall form part of the contract documents. The revisions shall clarify the information contained in the original Proposal documents issued on August 26, 2024.

SCHEDULE 2 – SCHEDULE OF QUANTITIES AND PRICES

1. All prices unless expressly stated otherwise:
 - (a) will be deemed to be in Canadian dollars (and if any price is expressed in any other currency, then for the purposes of evaluation the Owner will convert such price to the Canadian dollar equivalent, calculated as of the Closing Time); and
 - (b) will be deemed to include all applicable duties and all costs of performing the work and all applicable taxes, except only GST.
2. The abbreviations in the Schedule of Quantities and Prices are defined as follows:

| | |
|----|-----------------|
| LS | lump sum |
| PS | provisional sum |
| m | linear metre |
3. The Owner reserves the right to delete the requirement for bonds under the Contract. In such case, the Proposal Price will be reduced by the price for such bonds as entered in the Schedule of Quantities and Prices. If no price is entered for such bonds, then, pursuant to Section 7.3(b) of the RFP, and notwithstanding paragraph 4 of this Schedule 2, the Owner may request the Proponent to clarify the price for such bonds that was included in the Proposal Price.
4. Where the Proponent does not enter a price for a payment item in the Schedule of Quantities and Prices, then that payment item shall be deemed to have been included in the other prices the Proponent entered in the Schedule of Quantities and Prices and no separate payment will be owing for that payment item.
5. If there are any discrepancies in the Schedule of Quantities and Prices between the unit prices (if any) and the extended totals, then the unit prices will be deemed to be correct, and corresponding corrections will be made to the extended totals and the Proposal Price as may be required. If an extended total is given but the unit price has been omitted, then the corresponding unit price will be calculated from the extended total and the estimated quantity, and inserted. If there is a discrepancy between the aggregate of prices in the Schedule of Quantities and Prices and the Proposal Price, then the aggregate of prices will be deemed to be correct and the Proposal Price adjusted accordingly.
6. Terms of Payment are provided in GC.5 of Appendix A – General Conditions (Construction) and Appendix E – Schedule of Quantities and Prices, to the Contract Documents.
7. Proponents should not submit unbalanced Proposal prices.

Please provide the following pricing information:

Original Clayliner

| Item | Specification | Description | Approx. Quantity (for Proposal Evaluation) | Unit | Unit Price | Amount |
|------|-----------------|--|--|------|------------|--------|
| 1 | 01 32 00 / 1 | Administrative – Admin Requirements and Submittal Procedures | 1 | LS | | |
| 2 | 01 32 00 / 1 | Administrative - Execution and Closeout Procedures | 1 | LS | | |
| 3 | 01 73 03 / 1 | Execution and Closeout Procedures – Demobilization and Closeout | 1 | LS | | |
| 4 | 02 42 00 / 1 | Removal and Salvage of Construction Materials – Salvaging of Concrete Blocks | 1 | LS | | |
| 5 | 02 42 00 / 3 | Removal and Salvage of Construction Materials – Transportation of Wheel Stops and Drainage Pipe Joints | 1 | LS | | |
| 6 | 02 42 00 / 3 | Removal and Salvage of Construction Materials – Transportation of Large Heavy Equipment Tires | 1 | LS | | |
| 7 | 02 42 00 / 4 | Removal and Salvage of Construction Materials – Removal and Salvage of Road Aggregate Material | 400 | m3 | | |
| 8 | 03 41 00 / 1 | Precast Structural Concrete - Triple 300mm Inlet Headwall | 1 | LS | | |
| 9 | 31 23 10 / 1 | Excavation and Trenching - Municipal Solid Waste Management and Disposal | 2500 | m3 | | |
| 10 | 31 23 10 / 2 | Excavation and Trenching - Potential Asbestos Containing Material Management and Disposal | 2500 | m3 | | |
| 11 | 31 23 10 / 3 | Excavation and Trenching - On-Site Structural Fill | 7500 | m3 | | |
| 12 | 31 23 11 / 1 | Fill - Well Graded Base | 75 | m3 | | |
| 13 | 31 23 11 / 2 | Fill - Rip Rap | 40 | m3 | | |
| 14 | 31 23 11 / 3 | Fill - On-Site Structural Fill | 2500 | m3 | | |
| 15 | 31 23 11 / 4 | Fill - Imported Structural Fill | 250 | m3 | | |
| 16 | 31 23 11 / 5 | Fill - Compacted Clay Liner | 1425 | m3 | | |
| 17 | 31 23 11 / 6 | Fill - Topsoil | 10 | m3 | | |
| 18 | 31 32 19.01 / 1 | Geotextiles - Non-Woven Geotextile | 850 | m2 | | |

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| | | | | | | |
|----|-----------------|---|------|------|---|----|
| 19 | 31 32 19.01 / 2 | Geotextiles - Anchor Trench | 120 | LM | | |
| 20 | 31 32 19.16 / 1 | Hydraulic Seeding - Hydraulic Seeding | 6000 | m2 | | |
| 21 | 32 35 44 / 1 | Erosion and Sediment Control - Temporary Soil Erosion and Sediment Control | 1 | LS | | |
| 22 | 33 41 00 / 1 | Storm Utility Drainage Piping - 300mm CSP Culvert | 10 | LM | | |
| 23 | 33 41 00 / 2 | Storm Utility Drainage Piping - Road Culvert | 95 | LM | | |
| 24 | 32 31 13 / 1 | Chain Link Fences and Gates - Installation of New Fencing | 120 | LM | | |
| 25 | 32 31 13 / 2 | Chain Link Fences and Gates - Installation of Fence Double Swing Gate | 1 | LS | | |
| 26 | 33 51 39 / 1 | General Utilities - Gas Probe Installation | 3 | each | | |
| 27 | 33 51 39 / 2 | General Utilities - Monitoring Well Installation | 4 | each | | |
| 28 | 33 51 39 / 3 | General Utilities - Monitoring Well MW-2A Repair | 1 | each | | |
| | | SUBTOTAL PAYMENT ITEMS 1 TO 27 | | | | \$ |
| | | BONDING (provide separate price for bonding (for reference, see GC.8.1 and paragraph 3 above)) | | | | |
| 28 | | Performance Bond | 1 | LS | - | \$ |
| 29 | | Labour and Materials Bond | 1 | LS | - | \$ |
| | | | | | | |
| | | PROPOSAL PRICE | | | | \$ |
| | | (aggregate of the above, including price of bonding) | | | | |
| | | GST (5 %) | | | | \$ |
| | | Aggregate Total | | | | \$ |

Alternative Geosynthetic Clay Liner

| Item | Specification | Description | Approx. Quantity (for Proposal Evaluation) | Unit | Unit Price | Amount |
|------|---------------|--|--|------|------------|--------|
| 1 | 01 32 00 / 1 | Administrative – Admin Requirements and Submittal Procedures | 1 | LS | | |

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| | | | | | | |
|----|-----------------|--|------|----|--|--|
| 2 | 01 32 00 / 1 | Administrative - Execution and Closeout Procedures | 1 | LS | | |
| 3 | 01 73 03 / 1 | Execution and Closeout Procedures – Demobilization and Closeout | 1 | LS | | |
| 4 | 02 42 00 / 1 | Removal and Salvage of Construction Materials – Salvaging of Concrete Blocks | 1 | LS | | |
| 5 | 02 42 00 / 3 | Removal and Salvage of Construction Materials – Transportation of Wheel Stops and Drainage Pipe Joints | 1 | LS | | |
| 6 | 02 42 00 / 3 | Removal and Salvage of Construction Materials – Transportation of Large Heavy Equipment Tires | 1 | LS | | |
| 7 | 02 42 00 / 4 | Removal and Salvage of Construction Materials – Removal and Salvage of Road Aggregate Material | 400 | m3 | | |
| 8 | 03 41 00 / 1 | Precast Structural Concrete - Triple 300mm Inlet Headwall | 1 | LS | | |
| 9 | 31 23 10 / 1 | Excavation and Trenching - Municipal Solid Waste Management and Disposal | 2500 | m3 | | |
| 10 | 31 23 10 / 2 | Excavation and Trenching - Potential Asbestos Containing Material Management and Disposal | 2500 | m3 | | |
| 11 | 31 23 10 / 3 | Excavation and Trenching - On-Site Structural Fill | 7500 | m3 | | |
| 12 | 31 23 11 / 1 | Fill - Well Graded Base | 75 | m3 | | |
| 13 | 31 23 11 / 2 | Fill - Rip Rap | 40 | m3 | | |
| 14 | 31 23 11 / 3 | Fill - On-Site Structural Fill | 2500 | m3 | | |
| 15 | 31 23 11 / 4 | Fill - Imported Structural Fill | 1750 | m3 | | |
| 16 | 31 32 19.01 / 3 | Geotextiles - Geosynthetic Clay Liner | 2500 | m3 | | |
| 17 | 31 23 11 / 6 | Fill - Topsoil | 10 | m3 | | |
| 18 | 31 32 19.01 / 1 | Geotextiles - Non-Woven Geotextile | 3350 | m2 | | |
| 19 | 31 32 19.01 / 2 | Geotextiles - Anchor Trench | 360 | LM | | |
| 20 | 31 32 19.16 / 1 | Hydraulic Seeding - Hydraulic Seeding | 6000 | m2 | | |
| 21 | 32 35 44 / 1 | Erosion and Sediment Control - Temporary Soil Erosion and Sediment Control | 1 | LS | | |
| 22 | 33 41 00 / 1 | Storm Utility Drainage Piping - 300mm CSP Culvert | 10 | LM | | |
| 23 | 33 41 00 / 2 | Storm Utility Drainage Piping - Road Culvert | 95 | LM | | |

| | | | | | | |
|----|--------------|---|-----|------|---|----|
| 24 | 32 31 13 / 1 | Chain Link Fences and Gates - Installation of New Fencing | 120 | LM | | |
| 25 | 32 31 13 / 2 | Chain Link Fences and Gates - Installation of Fence Double Swing Gate | 1 | LS | | |
| 26 | 33 51 39 / 1 | General Utilities - Gas Probe Installation | 3 | each | | |
| 27 | 33 51 39 / 2 | General Utilities - Monitoring Well Installation | 4 | each | | |
| 28 | 33 51 39 / 3 | General Utilities - Monitoring Well MW- 2A Repair | 1 | each | | |
| | | SUBTOTAL PAYMENT ITEMS 1 TO 27 | | | | \$ |
| | | BONDING (provide separate price for bonding (for reference, see GC.8.1 and paragraph 3 above)) | | | | |
| 28 | | Performance Bond | 1 | LS | - | \$ |
| 29 | | Labour and Materials Bond | 1 | LS | - | \$ |
| | | | | | | |
| | | PROPOSAL PRICE | | | | \$ |
| | | (aggregate of the above, including price of bonding) | | | | |
| | | GST (5 %) | | | | \$ |
| | | Aggregate Total | | | | \$ |