



REPORT

To: Chair and Directors

Report Number: ENV-BRD-185

From: Gerritt Lacey, Solid Waste Manager

Date: May 2, 2024

Subject: ITT Award 26-2024 - Bessborough Landfill Phase 4A Construction**RECOMMENDATION: [Corporate Weighted]**

That the Regional Board award Invitation to Tender 26-2024 "Bessborough Landfill Phase 4A Construction" to KBL Projects Limited at a cost of \$2,034,330.00 (excluding taxes); further, that the Chair and Chief Administration Officer be authorized to sign the contract on behalf of the Peace River Regional District.

BACKGROUND/RATIONALE:

The Design Operating and Closure Plan (DOCP) for the Bessborough Landfill outlines how the development of the landfill will proceed over the next ten years. In the current DOCP, filling of Phase 4A is scheduled to begin in 2025.

On December 1, 2022, staff brought forward a supplemental request and business case to the Solid Waste Committee Meeting which outlined the need to secure engineering services in 2023 and construction services in 2024. The supplemental request for the project was approved by the Regional Board on December 9, 2022, and engineering costs were included in the 2023 Solid Waste Capital Budget.

In 2023, the PRRD issued a Request for Proposal (RFP) for engineering services, which was awarded to Tetra Tech Canada Inc (Tetra Tech) during the May 4, 2023 Regional Board Meeting. Through 2023, Tetra Tech worked on a geotechnical investigation, design package, construction cost estimates, and tender documents in preparation for the construction of the Phase 4A cell to be tendered in 2024.

On March 4, 2024 staff issued an Invitation to Tender (ITT) to acquire the best pricing for construction services for the Phase 4A cell at the Bessborough Landfill. Eleven bids were received, each proponent was evaluated based on work schedule, general experience, project experience, references and project budget the results of the evaluation matrix are provided below:

	A.C.L. Construction	Brocor Construction Ltd	Duz Cho Construction Ltd	Infracon Construction Inc	KBL Projects Ltd.	PME Inc.	S Young Enterprises Ltd	STAT Solution Services Inc.	Swamp Donkey Oilfield Services	Tangle Ridge Custom Crushing Ltd	West Horizon Contracting Inc.
Scoring Matrix Results											
Mandatory	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
WORK SCHEDULE, GENERAL EXPERIENCE, PROJECT EXPERIENCE, REFERENCES (60%)	45.50	50.25	43.00	48.75	56.75	47.50	39.25	0.00	41.25	28.75	46.75
PROJECT BUDGET (40%)	35.40	40.00	37.70	31.50	38.70	29.40	20.30	0.00	27.60	23.70	37.60
Total Score	80.90	90.25	80.70	80.25	95.45	76.90	59.55	0.00	68.85	52.45	84.35

Ten submissions met the mandatory requirements of the ITT. Based on the scoring matrix above, KBL Projects Ltd. is the preferred proponent.

ALTERNATIVE OPTIONS:

1. That the Regional Board provide further direction.

STRATEGIC PLAN RELEVANCE:

- ☒ Asset and Infrastructure Management

FINANCIAL CONSIDERATION(S):

Through the 2024 budget process, \$2,356,604 was allocated to the Bessborough Landfill project. This includes \$106,604 for engineering services and \$2,250,000 for construction costs.

The bid received from KBL Projects Ltd. is \$2,034,330.00, which includes a 20% contingency. This puts the project \$215,670 under the budgeted amount. Table 1 below provides a summary of the budgeted versus awarded contract values for capital costs.

Table 1: 2024 Solid Waste Capital Program

		Budgeted	Awarded	Difference
2020 BBLF – Phase 3B & Leachate Construction, Phase 1B Closure	Carry Forward	\$44,000	\$44,000	-
2023 TS Land Purchases Hasler Flats, Beaton River	Carry Forward	\$200,000	TBD	TBD
2023 Compaction Trailers	Carry Forward	\$578,420	\$578,420	-
BBLF Phase 4A – Engineering	Ongoing	\$106,604	\$106,604	-
BBLF Phase 4A – Construction	Ongoing	\$2,250,000	\$2,034,330	\$215,670
HHTS Tier 1 Upgrades Engineering	Ongoing	\$74,731	\$74,731	-
HHTS Tier 1 Upgrades Construction	Ongoing	\$840,000	Presented to May 2 Board	TBD
New Chetwynd Landfill Siting	Ongoing	\$1,133,000	\$1,133,000	-
2024 Dawson Creek and Taylor Closed Landfill Water Monitoring Well Installations	New	\$80,000	\$80,000	-
2024 Mile 62.5 and Taylor Closed Landfill Remediation	New	\$235,000	May 30 th Board Award	TBD
Lebell Transfer Station Build Engineering / Construction	Project Moved to 2025			
		\$5,541,755	\$3,918,085	\$1,490,670

COMMUNICATIONS CONSIDERATION(S):

None at this time.

OTHER CONSIDERATION(S):

Phase 4B is anticipated to start filling in 2029, therefore engineering services will be required in 2027 with construction to occur in 2028.

External Links:

1. [December 1, 2022 Solid Waste Committee Meeting](#) – See Item 11.8 “2023 Supplemental Request – BBLF Phase 4A Engineering Services, ENV-SWC-120”
2. [December 9, 2022 Regional Board Meeting](#) – See Item 8.5 “December 1, 2022 Solid Waste Committee Meeting Recommendations, ENV-BRD-114”
3. [May 4, 2023 Regional Board Meeting](#) – See Item 8.12 “Awarding RFPs 25-2023, 26-2023, and 27-2023, ENV-BRD-140”