

**REPORT TO CAPITAL REGIONAL DISTRICT BOARD
MEETING OF WEDNESDAY, SEPTEMBER 11, 2024**

SUBJECT **Award of Contract: Construction Services for Hartland Landfill – Cell 5A Liner**

ISSUE SUMMARY

To seek Board approval to award Contract 30.22.06-04 for Construction Services for Hartland Landfill Cell 5A Liner.

BACKGROUND

The Hartland Landfill is currently filling Phase 2 Cell 3, which will reach capacity between October 2024 and January 2025. Airspace creation has been ongoing for the last three years to prepare the subgrade for Cells 4, 5 and 6 of the landfill, which are located at the north end of the site within the approved landfilling boundary. Cell 4 construction is underway and will be complete by October 2024, with landfilling in Cell 4 expected to begin in November 2024. Cell 4 has approximately 1.5 - 2 years of capacity before the next cell (Cell 5A) is required. Construction of the liner system for Cell 5A will take approximately one year and must begin in Q4 2024 to ensure continuous landfilling services are available to the region, once Cell 4 reaches capacity. Cell 5A provides 5-7 years of landfilling space to allow time to construct Cell 5B, Cell 6 and numerous other critical landfill infrastructure elements to achieve the maximum filling potential of Phase 2 through to 2050.

The cell and transition liner contract scope of work is made up of the following elements:

- liner system consisting of a groundwater pore pressure relief drainage layer, geosynthetic clay liner and a leachate collection layer
- provisional items:
 - supplying up to 3,000 m³ of clay for construction of the liner
 - production of 25,000m³ of aggregate for landfill operations
- a contingency of 20% to cover variable volume pay items in the contract and to perform other smaller civil upgrades required to start placing refuse into cell 5A
- all work under this contract must be completed by October 31, 2025

The CRD issued an Invitation to Tender on BC Bid on July 30, 2024 and the tender closed on August 26, 2024. Four bids were received and evaluated with the criteria and results as follows:

	Weight	Hall Constructors	Respondent B	Respondent C	Respondent D
Qualifications	10%	10%	0%	9%	6%
Past Performance	10%	10%	5%	4%	7%
Safety	10%	7%	5%	5%	7%
Lowest Price	60%	60%	50%	35%	20%
Potential Cost Increase to CRD	10%	8%	3%	3%	6%
Total Score		95%	63%	56%	46%

All bids were found to be complete and accurate. Based on the pre-established scoring criteria, the best scoring proponent is Hall Constructors, which is the bid with the lowest bid price and the best overall value. Detailed figures will be released on BC Bid no later than 72 days from contract award.

ALTERNATIVES

Alternative 1

That Contract 30.22.06-04, Construction Services for Hartland Landfill Cell 5A Liner, be awarded to Hall Constructors in the amount of \$6,435,118.62.

Alternative 2

That this report be referred back to staff for additional information.

IMPLICATIONS

Financial Implications

The cell and transition liner scope of work included in the Invitation to Tender is covered in two capital projects in the approved 2024-2028 Five-year Environmental Resource Management Capital Budget, as detailed in the table below.

Project Number	Description	2024 Available	2025	Total
24-05	Hartland Cell 5 Liner Construction	\$2,000,000	\$2,900,000	\$4,900,000
24-06	Cell 1, 2 & 3 Transition Liner		\$2,000,000	\$2,000,000
	Total	\$2,000,000	\$4,900,000	\$6,900,000

There are sufficient funds in the 2024 budget to cover Contractor work that will be completed after award and up to December 31, 2024. The 2025 capital budget (from the Board-approved 2024-2028 Five-year Capital Budget plan) has sufficient funds to cover the balance of the full Contract award value.

CONCLUSION

Landfilling at Hartland has been taking place in Phase 2 Cell 3 for many years and is expected to reach its maximum capacity between October 2024 and January 2025. Preparation of Phase 2 Cell 4 is nearing completion and will provide 1.5 - 2 years of capacity before transition into Cell 5A must occur, which requires construction to begin on the Cell 5A liner in 2024 to ensure continuous landfill service to the region. An invitation to tender was issued for construction of the Cell 5A liner system that resulted in four experienced companies providing compliant bids. Following an evaluation by staff, the low bidder has been identified as providing the best overall value to the CRD and staff recommend awarding the contract to the low bidder.

RECOMMENDATION

That Contract 30.22.06-04, Construction Services for Hartland Landfill Cell 5A Liner, be awarded to Hall Constructors in the amount of \$6,435,118.62.

Submitted by:	Stephen May, P.Eng., Senior Manager, Facilities Management & Engineering Services
Concurrence:	Russ Smith, Senior Manager, Environmental Resource Management
Concurrence:	Nelson Chan, MBA, FCPA, FCMA, Chief Financial Officer, GM Finance & IT
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