



REPORT

To: Chair and Directors

Report Number: ENV-BRD-182

From: Daris Gillis, Environmental Services Manager

Date: April 18, 2024

Subject: Contract Award – RFP 11-2024 Charlie Lake Sewer Trucked Waste Facility Back-up Power

RECOMMENDATION: [Corporate Weighted]

That the Regional Board award RFP 11-2024 “Charlie Lake Sewer Trucked Waste Facility Back-up Power Supply” to Total Power Ltd. for supply and delivery of a diesel stand-by generator with stairs and a platform at a cost of \$141,965 (excluding taxes); further, that the Chair and Chief Administrative Officer be authorized to sign the agreement on behalf of the PRRD.

BACKGROUND/RATIONALE:

On November 16, 2023, the Regional Board passed the following resolution:

MOVED, SECONDED, and CARRIED

That the Regional Board approve the ‘Charlie Lake Sewer - Capital Improvement Plan’ completed by McElhanney Ltd (October 10, 2023) for use in operational and capital 2024-2034 financial planning for Function 601 - Charlie Lake Sewer.

McElhanney Ltd. developed the Capital Infrastructure Plan (CIP) for the Sewer Collection System, Trucked Waste System, and Sewer Treatment Facility. The CIP identified the need for a back up power supply for both the trucked waste facility and the treatment system as the risk of long power outages will result in closing of the facility, and in cold winter months this could result in freezing of infrastructure. The trucked waste facility needs to have power to maintain heat in the building for water lines, and to allow effluent deposited in the receiving system to be transferred to the facultative cells for aeration. This aeration system ensures that the liquid waste can be separated effectively from the solids and transferred to the sewage treatment facility. The sewage treatment centre requires maintained power to ensure that aeration systems run to promote effective effluent breakdown as well as maintaining pump operations to prevent back-ups in the system.

On December 8, 2023, the Regional Board passed the following resolution:

MOVED, SECONDED, and CARRIED

That the Regional Board approve the ‘2024 Charlie Lake Sewer Capital Improvements’ works totalling \$2,718,900, including lagoon optimization, treatment cell optimization, rehabilitation plan for asset management, valve replacements, flow monitoring station improvements, pipe redundancy, Geotubes, Complete Mix Tank covers, addition of blower variable frequency drives, backup power, cell desludging, and lift station upgrades by utilizing previously committed Area C Peace River Agreement Funds and Area C Community Gas Works Funds for Function 601 Charlie Lake Sewer, in the 2024 Financial Plan.

Based on the recommendations from McElhanney it was determined that it would be more cost effective to purchase a single three phase diesel generator capable of supplying power needs to both the trucked waste facility as well as the treatment plant. A request for proposal was issued in February and closed March 27, 2024. This RFP was for the supply and delivery of the generator only. Four bids were received in response to the RFP. Based on the score in accordance with the criteria, staff are recommending the award of the contract to Total Power Ltd.

	Total	A - Submission Compliance	B - Rated Criteria	C - Pricing
Supplier	/ 100 pts	Pass/Fail	/ 60 pts	/ 40 pts
Total Power Limited	80	Pass	40.5	39.5
Cummins Canada ULC	71.85	Pass	42	29.85
T&T Power Group Inc	71.6	Pass	44.5	27.1
Simson Maxwell	69.58	Pass	37.33	32.25

ALTERNATIVE OPTIONS:

1. That the Regional Board provide further direction.

STRATEGIC PLAN RELEVANCE:

- Asset and Infrastructure Management

FINANCIAL CONSIDERATION(S):

This RFP was issued for supply and delivery only based on the one-to-two-year lead time for procurement of the generator. The installation of the generator, as recommended in the Capital Infrastructure Plan, will be brought forward to the Board as part of the 2025 Financial Plan and the Function 601 – Charlie Lake Sewer 2025 Draft Budget.

COMMUNICATIONS CONSIDERATION(S):

None at this time.

OTHER CONSIDERATION(S):

None at this time.

External Links:

1. [October 19, 2023, Electoral Area Directors Committee Recommendations, ADM-BRD-446 See Item 9.2](#)
2. [November 23, 2023 Rural Budgets Administrations Committee Recommendations, ADM-452 – See Item 8.2](#)