



TO: Solid Waste Management Select **MEETING:** October 4, 2018
Committee

FROM: Jane Hamilton **FILE:** 1240-20-SW
Superintendent, Disposal Operations

SUBJECT: Crawler Dozer Purchase

RECOMMENDATION

That the Board approve the purchase of a 2018 Case 2050M Crawler Dozer with a Waste Handling Package from The Inland Group for \$434,520 (exclusive of taxes).

SUMMARY

The 2018 Solid Waste Services approved budget contemplates the purchase of a new tracked machine for waste processing. A Request for Proposals (RFP) was issued on August 17, 2018 and was publicly advertised on the RDN and BC Bid websites. Six responses were received by the September 11, 2018 closing date.

The Inland Group's submission was the highest ranked proposal as well as the lowest cost proposal of the submissions that met the technical specifications within the published budget.

BACKGROUND

Tracked heavy-equipment is relied on heavily in a landfill environment due to their versatility to both provide strength in pushing power as well as ability to traverse land surfaces that cannot be maneuvered with rubber tires. The RDN Regional Landfill currently owns and operates a waste-handling track-loader with approximately 9600 hours of usage, which is scheduled and budgeted for replacement in 2018 in accordance with our asset management plan and 2018 capital budget. The tracked equipment works in tandem with the waste compactor to distribute and compact the waste. The tracked equipment is also used for other earthworks including road building and application of landfill cover material.

The RFP specified requirements including minimum operating weight, track-width and a guard system that allows efficient work in solid waste. The RFP also identified preferences for components such as a six-way blade, Tier 4 engine and HEPA cab-air filtrations system. These criteria set out a tracked machine that offers sufficient push power and wide enough tracks for machine flotation and ability to crawl on side-slopes in saturated conditions.

The RFP closed on September 11, 2018 and six submissions were received. Of the six submissions, two proposals met all of the technical specifications and were within the published budget:

- The Inland Group - \$434,520; and
- Finning - \$540,000.

Proposals were evaluated against the point-rated criteria provided in the RFP, and it was determined that the proposal with the highest ranking score was submitted by The Inland Group for a 2018 Case 2050M Crawler Dozer with a Waste Handling Package. Of the submissions that meet all of the technical specifications and were within the published budget, the Inland Group's proposal offers:

- the best warranty at 3 years/3000 hours full factory warranty;
- the first 3 years of the telematics subscription package at no cost;
- the lowest 6-year scheduled maintenance cost;
- the lowest field rate for a heavy-duty mechanic;
- no minimum charge or fees for calls to the RDN Landfill;
- the widest track width at 36";
- the lowest capital cost; and
- the shortest delivery lead time.

ALTERNATIVES


1. That the purchase of a 2018 Case 2050M Crawler Dozer with a Waste Handling Package from the Inland Group for an amount of \$434,520 (exclusive of taxes) be approved.
2. Provide alternate direction to staff.

FINANCIAL IMPLICATIONS

The current financial plan has scheduled replacement of the tracked loader in 2018. The cost of the proposed waste handling track-type tractor is \$143,780 less than the approved budget amount of \$578,300 (\$467,300 plus the trade-in value).

STRATEGIC PLAN IMPLICATIONS

The purchase of a 2018 Case 2050M Crawler Dozer from the Inland Group is consistent with the Strategic Plans focus on funding infrastructure in support of our core services employing an asset management focus.



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September 18, 2018

Reviewed by:

- L. Gardner, Manager, Solid Waste
- K. Felker, Purchasing Manager, Finance
- R. Alexander, General Manager, RCU

- J. Beauchamp, Director of Finance
- G. Garbutt, Acting Chief Administrative Officer