




Kenai Peninsula Borough
Solid Waste Department

MEMORANDUM

TO: Peter Micciche, Mayor 

THRU: Brandi Harbaugh, Finance Director 
John Hedges, Purchasing and Contracting Director 

FROM: Lee Frey, Solid Waste Director


DATE: March 20, 2023

RE: Authorizing the Purchase of a Carlson GPS System for Central Peninsula Landfill from RDO Integrated Controls through a State of Minnesota Cooperative Purchasing Venture

The Central Peninsula Landfill currently uses a compactor and dozers for spreading and compaction of waste in the cells. Adding GPS integration to this equipment will provide data on waste compaction and save airspace within the cells by verifying that waste is properly placed in each lift. The addition of GPS equipment at the site will also aid in placement of cover material, setting proper grades and slope, ditching and excavation work.

The Carlson GPS equipment and software system is provided through RDO Integrated Controls. They have developed landfill specific software to analyze compaction of waste on a real-time basis as it reacts differently compared to compaction of gravels for typical earthwork. The Anchorage Landfill has been using this same system for several years and is satisfied with their purchase.

The Solid Waste Department recommends a purchase of a Carlson GPS System for Central Peninsula Landfill from RDO Integrated Controls for a total cost of \$104,259. This system is available through State of Minnesota Cooperative Purchasing Venture. This purchase will result in savings in airspace, increase efficiency and is in the best interests of the Borough.

FINANCE DEPARTMENT FUNDS VERIFIED	
Acct. No.:	290.32122 . 48311
Amount:	\$ 104,259.00
By:	 Date: 3/24/23