

**Indian River County, Florida
Solid Waste Disposal District
Board Memorandum**

Date: December 30, 2021

To: Jason E. Brown, County Administrator

From: Matthew Jordan, Interim Director of Utility Services

Prepared By: Himanshu H. Mehta, PE, Managing Director, Solid Waste Disposal District

Subject: Purchase of Mettler Toledo Landfill Automated Scale System

Descriptions and Conditions:

The Indian River County (IRC) Solid Waste Disposal District (SWDD) utilizes an inbound and an outbound scale system to track all incoming and outgoing materials at the IRC landfill. Deliveries include a combination of private (residential) drop-offs, commercial haulers (ex. construction and demolition debris, and landscaping contractors), and municipal haulers that service the unincorporated County and municipalities. SWDD is proposing to add an automated, unmanned, inbound bypass scale that would allow the municipal haulers and certain commercial haulers that have accounts set up with SWDD to automatically weigh-in, drop off, and then exit, with the net weight delivered calculated based on pre-recorded tare weight for that particular truck. This will improve service efficiency for SWDD customers and reduce cue-time for these account holders.

On October 19, 2021, the SWDD Board approved Work Order No. 45 to Kimley-Horn and Associates, Inc., (KHA) to provide design, procurement, and construction services for the project. As part of this approval, the Board approved staff recommendation to continue to utilize Mettler Toledo (current scale vendor) as our sole source scale vendor for the new automated scale system to match the existing two (2) scale systems and controls on-site. As part of KHA's task, they coordinated with SWDD staff and Mettler Toledo to select the appropriate automated scale for the landfill application. Staff has received the attached proposal from Mettler Toledo to provide a new automated scale system as well as the installation, testing, and calibration.

Analysis:

Staff, along with KHA, has reviewed the attached proposal from Mettler Toledo to provide the Model VTC251 automated truck scale system and the corresponding unattended system with the software and training. The purchase of the system, along with installation, testing and calibration, has a total cost of \$134,703, and the unattended system, along with the software and training, has a total cost of \$47,167 for an overall total cost of \$181,870. Mettler Toledo has requested a 30% down payment of \$54,561 with the balance due 30 days from shipment and installation.

SWDD Item

The total for the engineering work to KHA for \$73,430 and the proposed cost of \$181,870 to Mettler Toledo is \$255,300, which leaves an additional \$344,700 for the associated paving and drainage improvements out of the total budgetary estimate of \$600,000. Therefore, staff recommends proceeding with the purchase of the automated scale system from Mettler Toledo.

Funding:

Funding for the SWDD Landfill Automated Scale System project is budgeted and available in the SWDD / Other Equipment account number 411-166002, for a total amount of \$600,000, which is funded from SWDD assessments and user fees. The amount of \$181,870 for Mettler Toledo will be drawn from this account.

Description	Account Number	Amount
SWDD / Other Equipment	411-166002	\$181,870

Recommendation:

Solid Waste Disposal District (SWDD) staff recommends that its Board approve the following:

- a) Approve the proposal from Mettler Toledo in the amount of \$181,870 for the purchase and installation of a new automated scale system and authorize the Purchasing Manager to issue a purchase order to Mettler Toledo after review and approval by the County Attorney's Office.
- b) Authorize the processing of a 30% down payment of \$54,561 upon receipt of an invoice from Mettler Toledo.

Attachment:

1. Proposal from Mettler Toledo