



Interoffice Memorandum

APPROVED BY ORANGE
COUNTY BOARD OF COUNTY
COMMISSIONERS

June 6, 2016

BCC Mtg. Date: Jun. 28, 2016

TO: Mayor Teresa Jacobs
and the Board of County Commissioners

FROM: *CW* Carrie Woodell, Manager, Procurement Division

CONTACT: James Becker, Manager, Solid Waste Division
407-254-9660

SUBJECT: Approval of Contract Y16-1028, Sitech Landfill GPS System

ACTION REQUESTED:

Approval of Contract Y16-1028, Sitech Landfill GPS System, with Sitech North and Central Florida, LLC, in the amount of \$201,582, for the period of July 1, 2016 through July 31, 2019. Further request authorization for the Procurement Division to renew the contract for two additional 1-year terms.

PROCUREMENT:

County landfill workers have to currently track the compaction and density of waste with aerial photography backed up by ground surveys. Sitech's landfill GPS system includes an integrated system of software, computer, GPS receivers, and communication equipment to allow Orange County to design lifts, slopes, interim surface levels and monitor compactor efforts without having to wait on aerial and/or land surveys. This landfill GPS system will decrease the overall cost and increase the efficiency of current landfill operations by reducing the number of labor hours required to complete the work and allow for the ability to generate reports faster. This procurement provides for the supply, installation, and maintenance of all required hardware and software for one D-5K2 dozer, one D-8k dozer, and two 836K compactors.

FUNDING:

Funding is available in the account number 4410 038 1036 6410.

APPROVALS:

The Solid Waste Division concurs with this recommendation.

REMARKS:

The Procurement Division approved standardization on Caterpillar compactor and dozers to be used at the County's landfill site in 2016 and 2015, respectively. Sitech is the sole authorized vendor approved by Caterpillar to install the Trimble GPS plug in play system into existing Caterpillar equipment. Sitech is the sole vendor who can provide this GPS system without having to remove the wiring harness of the existing equipment. If any other vendor removes the wiring harness to install any other third party software, the warranty on existing Caterpillar equipment will be void. Price reasonableness has been determined based on market research performed on other vendors who can provide similar services but could not meet the needs for the equipment warranty.