

SUBJECT: AUTHORIZATION TO NEGOTIATE A CONTRACT WITH CAROLLO ENGINEERS – DESIGN OF WASHER/GRINDER/COMPACTOR

SOURCE: Public Works Department - Engineering Division

COMMENT: In 2007, Carollo Engineers prepared plans and specifications to incorporate a washer/grinder/compactor (Muffin Monster) at the Wastewater Treatment Facility head-works.

Two separate bar screen conveyors remove rubbish, such as rags, towels, plastic bottles, dirt clods, wood, clothing, metal objects and other objectionable material from the waste stream. The bar screen conveyors dump the rubbish into two hoppers connected by a corkscrew that dumps the rubbish to the Muffin Monster. The corkscrew conveyor connecting the two bar screens to the single Muffin Monster has been repaired a couple of times and continues to be a problem. When the corkscrew conveyor fails, none of the rubbish reaches the Muffin Monster.

The solution is to dedicate a new Muffin Monster or similar piece of equipment to each of the bar screen conveyors. The design effort performed by Carollo Engineers in 2007 required a substantial amount of effort to field measure the different pieces of stationary equipment and determine how the new pieces of equipment would “marry” with existing equipment. Staff believes that Carollo Engineers are uniquely qualified to prepare plans and specifications due to their superior knowledge of the City’s physical plant, their previous work on the original washer/compactor, and their experience related to “next generation” washer/compactors.

Staff respectfully requests that Council authorize the Public Works Director to negotiate a “Not to Exceed” \$48,000 Consultant Service Agreement with Carollo Engineers to review and evaluate a minimum of five (5) different washer/compactors. Upon determining which piece of equipment best serves the needs of the City, Carollo Engineers will prepare construction plans, specifications and will assist staff during the bid and construction period. Funding for design services will come from the Wastewater Treatment Facility Reserve Fund approved in the 2013/2014 Annual Budget.

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Item No. 5

RECOMMENDATION: That the City Council:

1. Authorize the Public Works Director to negotiate a Consultant Service Agreement with Carollo Engineers to review and evaluate five or more washer/compactor assemblies and prepare plans & specifications;
2. Authorize a "Not to Exceed" amount of \$48,000;
3. Authorize 10% contingency to cover unforeseen design issues; and
4. Authorize the Mayor to execute the Service Agreement if all terms and conditions have been met.