



Handout

Consent 2G  
Staff/Consultant Reports \_\_\_\_\_

Agenda Item \_\_\_\_\_

Date September 8, 2016

# Agenda Summary Report

**To:** Mark R. Williams, General Manager *mw*  
**From:** Michael P. Cortez, PE, District Engineer *mpc*  
**Mtg. Date:** September 8, 2016  
**Re:** Award of Contract to Nute Engineering  
Primary Digester Miscellaneous Improvements

## BACKGROUND:

The cleaning of the primary digester has been completed by Wastewater Solids Management and a preliminary investigation by Nute Engineering and Axial Engineers revealed no significant concrete surface or structural cracking. The primary digester requires rehabilitation and will be upgraded to increase digester efficiency and gas production. The project was included in the 2015/2016 budget.

Staff requested a proposal for engineering services from Nute Engineering for the design of miscellaneous improvements for the primary digester. The project will be split into two phases: Phase 1 for sand blasting and painting and Phase 2 for other digester improvements.

The scope for design includes the following:

- Painting and sandblasting
- Post sand blasting inspection
- Replacement of gas dome
- Mixing pump system and piping installation
- H<sub>2</sub>S resistant coating for digester interior, including concrete surface treatment methods and concrete crack injection methods
- Removal and replacement of the existing digester roof top appurtenances

Staff evaluated the proposal and concluded that Nute Engineering's proposal in the amount of \$29,174 meets the minimum requirement of the project. Nute also proposed construction engineering services in the amount of \$27,001, which staff will consider and evaluate at a later time.

## STAFF RECOMMENDATION:

Board approve the Award of Contract to Nute Engineering for the design of Primary Digester Miscellaneous Improvements project in the amount of \$29,174.

## FISCAL IMPACT:

\$29,174

## PERSON TO BE NOTIFIED:

Mark Wilson, PE, Nute Engineering

