

COUNCIL ACTION FORM

**SUBJECT: WATER POLLUTION CONTROL FACILITY PRIMARY CLARIFIER
RE-COATING PROJECT**

BACKGROUND:

The City's Water Pollution Control Facility (WPCF) has eight clarifiers, four primary and four intermediate/final, that separate solids from the water in the wastewater treatment process. The paint systems on the metal equipment and concrete walls and floor of the primary clarifiers are failing, thus causing corrosion.

All eight clarifiers were originally coated in 1989 during construction of the WPCF. Two clarifiers, one primary and one intermediate/final, were repainted each year from 2007-2010.

The coatings associated with the primary clarifiers have been failing over the years due to poor adhesion. To protect the concrete and steel from further deterioration, the coatings must be removed and re-applied to the structure. Staff has worked with coating consultants to select a coating system that will provide the desired protection for years to come.

Based on the most recent construction estimate, the current CIP budget does not appear adequate to re-coat all four primary clarifiers. Therefore, this project will include a **base bid** of two primary clarifiers and an **alternate** of two additional primary clarifiers. The award will be based on the base bid, with the ability to include the add alternate based on bid competitiveness and the available budget. If the budget allows four clarifiers to be re-coated, the award will be based on the sum of the base bid and alternate.

The total estimated construction project cost is \$377,000, which includes the base bid of re-coating **two** primary clarifiers. The plans and specifications were developed internally, so there are no engineering fees. The FY 2016/17 budget includes \$534,000 for this clarifier repainting.

ALTERNATIVES:

1. Grant preliminary approval of the plans and specifications and issue a Notice to Bidders, setting May 10, 2017, as the bid due date and May 23, 2017, as the date of public hearing and award.
2. Do not move forward with this project at this time.

MANAGER'S RECOMMENDED ACTION:

The paint systems on these clarifiers are failing, and it is in the City's best interest to remove the existing paint systems and apply new paint to ensure the long-term integrity of the WPCF equipment. Bid specifications will allow the City to repaint two of the primary clarifiers, with the option of repainting all four clarifiers as a bid alternate.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.