STAFF REPORT

To: **Coastside County Water District Board of Directors**

From: **David Dickson, General Manager**

Agenda: **March 13, 2018**

Report Date: **March 7, 2018**

Subject: **Award of Contract with Pump Repair Service to procure and install new 350 HP and 500 HP motors at the Crystal Springs Pump Station**

Recommendation: Authorize the General Manager to execute a contract with Pump Repair Service (PRS) for the installation of new 350 HP and 500 HP motors at the Crystal Springs Pump Station (CSP) for a cost of $112,006.03.

Background: In 2016, the 350 HP motor on CSP Pump #2 started leaking oil significantly and was deemed unrepairable due to age and the number of times it has previously been rebuilt. The District's spare 350HP motor was installed at that time.

In 2017, the 500 HP motor on CSP Pump #3 failed and District's spare 500HP motor was installed at that time. The failed 500 HP motor has been rewound twice in the past and is estimated to be 20 years old. Typically, once motor has been rewound twice, it is deemed to be beyond the useful life and time for replacement.

Since the warranty period starts upon delivery, PRS will install these new motors and have the motors that are in service, stored as spares.

Currently the District does not have any spare motors for CSP. Due to long lead time for these motors, 12-16 weeks, staff recommends the District have spare motors at CSP. Without spares, if one of these motors fails in the summer months, the District may not be able to meet water demand.

Three bids were solicited for this work as listed below:

	350HP Motor	500HP Motor	Total
Pump Repair Service	**$63,786.09**	**$48,219.94**	**$112,006.03**
G3 Engineering Inc.	**$66,843.00**	**$51,786.00**	**$118,629.00**
E&M	**$69,929.65**	**$52,608.26**	**$122,537.91**

Fiscal Impact: Replacement of the 350HP motor was originally estimated in our CIP for $60,000. The 500HP motor was not budgeted for as it was an unexpected failure.