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Commissioner, District 5

**Katherine Miller**  
County Manager

## ***MEMORANDUM***

DATE: July 22, 2020

TO: File

FROM: Bill Taylor, Procurement Manager BT - 7/22/2020

Via: Gary L. J. Giron, Public Works Director  
LeRoy Alvarado, Infrastructure Manager

RE: **Declaration of Emergency to Procure Repair to the Submersible Pump Unit  
Located at the Abajo Lift Station, in Santa Fe New Mexico for and Amount of  
\$10,762.58, Inclusive of NM GRT**

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### **Background:**

On Friday, July 17, 2020, the wastewater operator of the day reported that No. 2 pump unit at the Abajo Lift Station failed, leaving only one pump in operation. The operator of the date contacted the James Cooke & Hobson (JCH), the manufacturers service representative to visit the site and perform an emergency troubleshoot of the problem. The results of the troubleshoot identified an internal cause for the pump failure. It was determined by staff to then disconnect and transport the pump motor to JCH to dismantle the unit for further diagnostic inspection to determine the extent of the repairs

### **Issue:**

There are only two pumping units that run 24/7 at the Abajo Lift Station to keep raw wastewater stream flowing to the City of Santa Fe's wastewater collection system. Having only one pumping unit operational at one time places County Utilities at risk of improper process and in violation of the requirements of the State of New Mexico Environmental Quality thresholds.

### **Determination:**

Due to the risk of exposure to the potential of environmental hazards being released and the threat to the health and safety of the public, it is the determination of the County Procurement Manager that the repairs to the failed No. 2 Pump Unit may be procured pursuant to a declaration of emergency pursuant to NMSA 1978, 13-1-127- Emergency Procurements.

All work and costs associated with this determination will be limited to the repairs of the No. 1 Pump Unit located at the Abajo Lift Station.

**Emergency Project Description:**

Contractor: James, Cooke & Hobson, Inc.  
3810 Academy Pkwy S. NE  
Albuquerque, New Mexico  
(505) 344-7100

Location: Abajo Lift Station, Santa Fe County, New Mexico

Scope of Work: Disassembly & Inspection of the pump motor  
Parts to rebuild the unit:  
423 Impeller  
Rotor/Shaft Unit  
S.S. & Rubber wear rings  
Upper/lower bearings and seals  
O-rings  
Oil/grease retainer  
Bearing spacers  
Retaining rings  
Springs & Barrel screws  
Spring Plate,  
Compression springs & barrel screws  
Imp. Bolt & key  
Bent pipe  
Cable grommets  
Balance rotor and impeller unit  
Wash and bake stator,  
Misc. supplies \$ 20,009.80

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18 shop hours @ 85.00 per hour \$ 1,530.00

Tax @ 7.875% \$ 120.48

**TOTAL: \$ 21,660.28**