

## EMERGENCY PURCHASE REPORT

Name of Requestor: David Laughlin

Date: 10/26/2021

1. Date Critical or Emergency situation first noted/occurred (time and date):

9/18/2021 at 6:35 AM

2. Describe the danger to health, safety, property, or of equipment failure or economic loss – be very specific (attach additional pages, if required):

### NEW JUSTIFICATION

On September 18, 2021, the 2 MW Cummins Standby Diesel Generator owned by the Water Authority experienced a control panel failure that rendered it unreliable for the process it was protecting (South Activated Pumping Station). A failure of this critical process will almost certainly result in an SSO and EPA violations/fines. To limit this exposure, the 2 MW Wagner Rental Generator previously approved under the Original Justification (see below) was quickly relocated from the South Blowers process to support the South activated Pumping Station. It must remain at this location until the control in the Cummins unit is repaired.

Shortly after the 2 MW rental unit was relocated, a new 3 MW Permanent Standby Diesel Generator was commissioned and placed in service for the South Blowers process. It continues to provide standby power for this important process.

Prior to its recent relocation, the 2 MW rental unit provided standby emergency power for the South Blowers from February 12, 2020 until its recent relocation to the South Activated Pumping Station on September 21, 2021.

### ORIGINAL JUSTIFICATION

The SWRP North Cogeneration Facility is presently NOT operational and is expected to remain off line for the next 60 to 90 days as repairs are completed. The main bearings in both Generators #1 and #2 have failed and must be replaced. While repairs are being performed, SWRP remains at greater risk of losing all electrical power – a total black out condition. During this time, SWRP is relying primarily on PNM utility power to ensure all plant processes are operational. If we lose PNM power for any reason, GOGEN Generators #3 and #4 will also trip off line (they are too small to carry the plant electrical load by themselves) and the plant will have no power until some emergency portable generators can be started. These will only help maintain sewage flow through the plant and hopefully avoid a Sanitary Sewer Overflow (a serious EPA violation).

Because we will not be able to power the large blowers used in our Nitrogen Reduction Facilities, the longer the outage persists, the greater the likelihood we will violate our permit for Ammonia removal in our effluent outflow to the river. While this violation is not as onerous as a spill, avoiding it remains very important. A rented emergency generator deployed at the SWRP South Blower Building will enable the plant to meet its Nitrogen Removal permit requirements throughout this period of vulnerability.

## EMERGENCY PURCHASING

3. Impact/consequences had purchase not been made immediately:

The longer the SWRP operates without North COGEN, the greater the risk of a violation.

4. Item(s) purchased:

Continued rental for a period of 60 days (through 12/31/2021) of a 2 MW Emergency Portable Generator (480V Output).

5. Price:

\$30,025.22 per month (to include all taxes and fees) for a total of two (2) months = \$60,050.44.

6. Vendors contacted to obtain best available price:

- Wagner Equipment Company; 4000 Osuna Rd NE Albuquerque, NM 87109 (505) 345-8411
- Aggreko; ~~5030 W Watkins St. Phoenix, AZ 85043 Main: (904) 253-0202, Tollfree: 1-800-Aggreko~~

7. Name and address of selected supplier:

Wagner Equipment Company; 4000 Osuna Rd NE Albuquerque, NM 87109 (505) 345-8411

Emergency purchases require review and acknowledgement from the Division Manager.

\_\_\_\_\_  
Division Manager

10/28/21 14:11 MDT

\_\_\_\_\_  
Date

Emergency Purchases greater than \$10,000 require review and acknowledgement from the Chief Operating Officer and Chief Financial Officer.

\_\_\_\_\_  
\_ Chief Planning Officer

10/28/21 14:16 MDT

\_\_\_\_\_  
Date

\_\_\_\_\_  
Chief Financial Officer

10/28/21 14:48 MDT

\_\_\_\_\_  
Date

Critical or Emergency Purchases greater than \$100,000 require review and acknowledgement from the Executive Director.

EMERGENCY PURCHASING

*Mark S. Sanchez*

\_\_\_\_\_  
Executive Director

11/1/21 09:56 MDT

\_\_\_\_\_  
Date

Review and Verification by Purchasing Officer:

*Janet Deas*

\_\_\_\_\_  
Purchasing Officer

11/1/21 10:49 MDT

\_\_\_\_\_  
Date