

**RESOLUTION NO. 1825**

**A RESOLUTION OF THE CITY OF NEVADA, MISSOURI, ACCEPTING THE BID AND AUTHORIZING PAYMENT TO FLYNN DRILLING COMPANY, ROLLA, MISSOURI, FOR THE REPLACEMENT OF HIGH SERVICE PUMP #2 MOTOR**

**WHEREAS**, the water distribution system operates on four (4) high service pumps; and

**WHEREAS**, high service pump #2 motor is over 20 years old and is at the end of its useful life; and

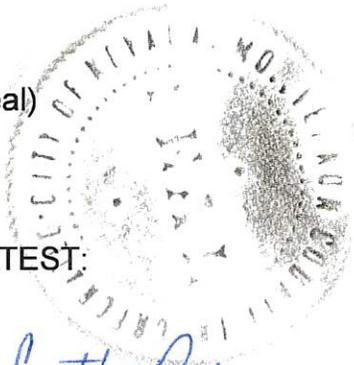
**WHEREAS**, the City of Nevada wishes to accept the lowest bid from Flynn Drilling Company in the amount of \$9,785.00; and

**WHEREAS**, the City Manager or his designee is hereby directed to execute any and all documents related to said bid.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Nevada, Missouri, accepts the bid and authorizes payment to Flynn Drilling Company, Rolla Missouri for the replacement of high service pump #2's motor in the amount of \$9,785.00.

**PASSED, APPROVED AND ADOPTED**, by the City Council of the City of Nevada, Missouri, this 5th day of November, 2024.

(seal)



ATTEST:

*Cynthia Dye*

CYNTHIA DYE, CITY CLERK

*George C. Knox*  
\_\_\_\_\_  
GEORGE C. KNOX, MAYOR

**AGENDA ITEM**  
**Nov. 5, 2024**

**Subject:** High Service Pump #2 Motor Replacement

**Department:** Water Treatment Plant

This Resolution will authorize payment for the replacement of the motor on high service pump #2 at the Water Treatment Plant.

**Department Head Notes:**

- The 60 hp motor on High Service Pump #2 is over 20 Years old and it is not an inverter duty motor.
- Inverter duty motors are necessary since we are using variable frequency drives on all of our high service pumps. Without an inverter duty motor the VFD will create voltage spikes and harmonic distortions in the power supply, which can damage a standard motor's insulation, especially at low speeds where overheating can occur with a standard motor.
- We received 3 bids listed below

<b>Flynn Drilling Company</b>	<b>\$9,785.00</b>
<b>Independent Electric</b>	<b>\$11,737.64</b>
<b>Layne Christensen Company</b>	<b>\$14,954.00</b>