



Layne Christensen Company
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June 22, 2021

Mr. Robert Leible
Assistant Superintendent of Water Production
City of Aurora
44 E. Downer Place
Aurora, IL 60507

Re: Spare Byron Jackson Submersible Motor

Mr. Leible:

Thank you for your request for quote for a submersible motor for the City to have on hand to serve as an immediate replacement for the majority of the City's well pump motors. According to Layne records, the City operates twenty-one wells. All twenty-one wells operate Byron Jackson submersible motors. Of these, thirteen are large capacity Galesville sandstone wells with 800' plus pump settings. Of these thirteen, nine employ a 350 HP submersible motor and four utilize a 400 HP submersible motor. Specific to the thirteen wells, the 350 HP and 400 HP motors are all Byron Jackson 2300V, four pole (1800 RPM) motors.

Should circumstances demand, a 400 HP motor can replace a 350 HP motor. As new Byron Jackson motors require up to twenty-eight weeks delivery. The purchase of a Byron Jackson 400 HP, 2300V, 17", Type M submersible motor, to be stored as a spare unit, will provide the City the flexibility to immediately replace a motor, should a motor fail, in any one of thirteen of the City's most critical ground water resources.

The normal warranty on a Byron Jackson motor is 18 months from delivery / 12 months from installation. Layne's Aurora, IL office maintains numerous Byron Jackson Type M submersible spare motors for clients. The motors are stored vertically in a sheltered building. Layne personnel rotate each motors' shaft every three months and meg their windings. The results are forwarded to the Byron Jackson manufacturer, Flowserve. Layne does not charge any fee for this service. Under these storage circumstances, Flowserve extends the motors' warranties to 3 years from delivery / 1 year from installation.

Quote for Spare Motor

Byron Jackson 400 HP, 2300V, 17", Type M Submersible Motor, FOB Aurora, IL \$159,600.00
28-week lead time

Per the attached Flowserve correspondence, Layne Christensen is the sole source representative for Byron Jackson well pump equipment in the state of Illinois.

Thank you for the opportunity to furnish this quote. If you have any questions, or if Layne may be of any service, please do not hesitate to contact me.

Layne Christensen Company
William Balluff, P.E.
Account Manager III