

Agenda Item: Consider approval of backhoe procurement

Objective: Provide Board background information for procurement of a new backhoe.

Background: The District’s backhoe is a 1997 Case model 580 SuperL. The backhoe is used to clear snow, clean drying beds, excavate, load, and other miscellaneous projects. The backhoe is nearing the end of its service life. Procurement of a new backhoe is timely for improved equipment reliability.

Three backhoe vendors are on State of Utah contract: Wheeler (Cat), Century (Case), and Honnen (John Deere). Each vendor provided state pricing to the District with the following additions: extend-a-hoe (adds approximately 4 feet to dig depth), hydraulic thumb (adds gripping capabilities), and front bucket clamshell (adds gripping and higher dumping level). In addition to pricing, staff considered ease of use, warranty, and lead time in its evaluation process.

Make	Ease of Use	Full Warranty	Power Train and Hydraulics Warranty	Engine, Emissions and Fuel Warranty	Lead Time
Cat	Excellent	12-mo, unlimited hours	3-yr, 3000 hours	3-year, 5,000 hours	1 week
Case	Good	12-mo, unlimited hours	2-yr, 2000 hours	None	10 days
John Deere	Good	12-mo, unlimited hours	3-yr, 3,000 hours	3-year, 3,000 hours	60 days

Replacement parts for each backhoe are available through the respective local vendor at a discount based on state contract pricing. Pricing is shown below. The project budget is \$100,000.

Vendor/Manufacturer	Price
Wheeler/Cat	\$96,275.00
Century/Case	\$99,616.00
Honnen/John Deere	\$113,156.17

Staff desires to continue to maintain the existing backhoe. The existing backhoe provides greater value for light duty and emergency response at Point of the Mountain Water Treatment Plant than it will generate in surplus.

Committee Activity: The Engineering Committee discussed this item on July 30, 2019.

Recommendation: The Engineering Committee recommends award of \$96,275.00 to Wheeler for procurement of a Cat backhoe.