COUNTY DEPARTMENT AGENDA REQUEST

Department:	Water System	Presenter(s):	Tony Parrott
Meeting Date:	March 10, 2011	Type of Request:	Consent

Wording for the Agenda:

Approval of staff's request for authorization to have a Water System 600 HP motor on Pump #2 at Lake Horton repaired at a total cost of $20,300.

Background/History/Details:

The Water System has two raw water pumps at Lake Horton that pump water to the Crosstown Water Treatment Plant. Staff had a vibration test done on Pump #2 at Lake Horton. It was determined that the bearings were in need of replacement. Upon further examination, it was discovered that an additional cause of the vibration was damage to the rotor. An electrical engineer has examined the motor and determined that the rotor can be rebuilt. To rebuild the rotor, the cost will be $15,320. To replace the rotor with a new one would cost $20,800. To purchase a new motor, the cost would be $34,907.

Staff recommends rebuilding the rotor.

There was a purchase ordered issued for the original repairs to the pump in the amount of $4,980. prior to knowing the full extent to which repairs were needed. The original amount of $4,980 added to the $15,320 cost to rebuild the rotor totals the cost at $20,300.

What action are you seeking from the Board of Commissioners?

Motion to authorize repairs to the 600 HP motor on Pump #2 at Lake Horton repaired at at total cost of $20,300.

If this item requires funding, please describe:

Funds reside in the South Fayette Water Plant Repair and Maintenance Account No. 50543040-522230.

Has this issue come before the Commissioners in the past?	No	If so, when?	
Do you need audio-visual for the presentation?	No	Back-up Material Submitted?	Yes

STAFF USE ONLY

Approved by Finance	Yes	Reviewed by Legal	Yes
Approved by Purchasing	Not Applicable	Approved by County Clerk	Yes
Administrator's Approval	Yes		

Staff Notes: