EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to authorize the General Manager to approve contract after completion of competitive process.

Board Meeting Date: <u>F</u>	August 1	, 2017	
Project Name/Contract#: (042-2017	7 Carmen Power Tunnel Repairs	
Primary Contact: <u>N</u>	Mike Mc0	<u>Ext.7379</u>	
Purchasing Contact:	Sandra F	Hahn Ext.7163	
Contract Amount: Original Contract Amount:		Not to exceed \$150,000	
Additional \$ Previously Approved:		\$	
Invoices over last approval:		\$	
Percentage over last approval:		<u></u>	
Amount this Request:		Not to exceed \$150,000	
Resulting Cumulative To	otal:	Not to exceed \$150,000	
Contracting Method: Method of Solicitation:		Formal Invitation to Bid	
If applicable, basis for exe	mption:	N/A	
Term of Agreement:		Duration through completion of project	
Option to Renew?		No	
Approval for purchases "as	s needed	d" for the life of the contract No	
Proposals/Bids Received (Range): <u>To be Determined</u>			
Selection Basis:		Lowest, Responsive and Responsible Bidder	

Narrative:

The Carmen Power Tunnel must be dewatered in the spring of 2018 for the replacement of turbine shutoff valves at the Carmen Plant. Dewatering the tunnel in the spring, when groundwater is likely to be at its highest elevation, will require that that the pressure relief valves within the tunnel liner are properly functioning. To ensure proper functioning of the valves, EWEB plans to inspect them this fall.

The Carmen Smith Power Tunnel was last inspected in 2003. While the tunnel and pressure relief valves were found to be in "good to excellent condition", there were a few minor observations of deterioration. Staff and consulting engineers will inspect the tunnel to clarify the details of any needed concrete repairs during a September 2017 outage. If concrete repairs are required they will be completed concurrently with the replacement of the turbine shutoff valves in the summer of 2018. At the same time as the structural inspection, this contract will allow a contractor to conduct inspections and replacements of pressure relief valves as needed. The contractor will also install two pressure transducers within the tunnel to allow staff to continuously monitor the groundwater pressures on the tunnel liner.

A contractor has not yet been selected. If the contract were not submitted to the Board until September, work could not begin until early October, which would result in an extended outage and/or lost generation during a higher power price period. Additionally, delay of the outage until October increases the chance that heavy rains set in, thus increasing the risk of high groundwater conditions during the work. This project is in the capital improvement plan for 2017.

ACTION REQUESTED:

Management requests that the Board authorize the General Manager to sign the resulting contract up to \$150,000 and report back to the Board with the actual contract value as necessary to permit timely performance of the work and minimize lost generation revenue. Funds for this work were budgeted for 2017 in the Capital Improvement Plan.

SIGNATURES:	
Project Coordinator:	
Manager:	
Purchasing Supervisor:	
Executive Officer:	
Board Approval Date:	