

AGENDA ITEM FORM

SUBJECT: 2015 Water Treatment Chemicals – Authorize Execution of Activated Carbon Contract

SUMMARY:

- There were nine bidders for powdered activated carbon at both the Fleur and McMullen Treatment Plants.
- Each bidder was required to submit a product sample with their respective bid.
- DMWW laboratory personnel conducted odor removal testing on all product samples.
- Summary of bids is given below for both treatment plants along with a summary of effective cost per million gallons for proper odor removal. The lowest priced product does not yield the lowest effective value for our operations.

Fleur Drive	Vendor/Carbon	Price (\$/lb)	Odor Dosage (mg/l)	Effective Cost (\$/million gallon)	Comments
	Cabot - Hydrocarb P	\$0.556	40	\$185.48	
	Cabot - EX	\$0.795	60	\$397.82	
	Calgon - WPC	\$0.710	30	\$177.64	
	F2 Ind - Cal Pac	\$0.495	60	\$247.70	Not qualified; product issues
	Liberty	\$0.740	30	\$185.15	
	Std Pure	\$0.819	20	\$136.61	
	Thatcher - H2OW	\$0.510	40	\$170.14	Lowest qualified price/lb.
	Thatcher - H2OM	\$0.750	20	\$125.10	Lowest Effective Price

McMullen	Vendor/Carbon	Price (\$/lb)	Odor Dosage (mg/l)	Effective Cost (\$/million gallon)	Comments
	Cabot - Hydrocarb P	\$0.590	40	\$196.82	
	Cabot - EX	\$0.830	60	\$415.33	
	Calgon - WPC	\$0.790	30	\$197.66	
	F2 Ind - Cal Pac	\$0.630	60	\$315.25	Not qualified; product issues
	Liberty	\$0.760	30	\$190.15	
	Std Pure	\$0.937	20	\$156.29	
	Thatcher - H2OW	\$0.560	40	\$186.82	Lowest Price/lb.
	Thatcher - H2OM	\$0.800	20	\$133.44	Lowest Effective Price

- Additionally, TOC (total organic carbon) removal testing was also conducted. The H2OM product performed best in these evaluations as well. Staff recommends use of the H2OM product at both Fleur and McMullen Treatment Plants.

FISCAL IMPACT:

The 2015 budget for Water Treatment Chemicals project will provide the funds for the estimated annual cost of \$763,822.85.

RECOMMENDED ACTION:

Approve Thatcher Chemical (H2OM product) as the 2015 activated carbon supplier in the amount of \$763,822.85.

BOARD REQUIRED ACTION:

Motion to approve Thatcher Chemical (H2OM product) as the 2015 activated carbon supplier.

<p>_____/_____ Julia Johnston (date) Purchasing/Central Stores Supervisor</p>	<p>_____/_____ Michael J. McCurnin, P.E. (date) Director of Water Production</p>	<p>_____/_____ William G. Stowe (date) CEO and General Manager</p>
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