

HEBER PUBLIC UTILITY DISTRICT
REPORT TO BOARD OF DIRECTORS

MEETING DATE: September 17, 2015

FROM: Laura Fischer, General Manager

SUBJECT: Information Only Water Treatment Plant

INFORMATION ONLY:

The bids for the Water Treatment Plant Improvement Project were opened on Friday, September 10th. They came in at almost \$8MM. This is \$2,826,266 over the Engineer's Probable Cost Estimate of \$5,171,234.00. Staff is working with the Engineers to determine what components can be eliminated from the project scope, and we are in contact with the State Water Board to determine if there are additional grant fund and or loans available.

We will give you an updated report on the project at the meeting on Thursday as we will have had an opportunity to review the bids.

Respectfully Submitted,

Laura Fischer,
General Manager

Attachment No. 1

DETAILED COST BREAKDOWN OF THE SELECTED CONSTRUCTION PROJECT

Heber Public Utility District Project No. 1310007-002C

Description	Cost
Site Work	
Grading (includes storm water drainage)	\$304,550
Fencing	\$45,250
Treatment: Coagulation/Rapid mixing	
Tanks: Vault and Slab	\$149,445
Pumps (to include coagulant)	\$20,500
Static mixers	\$40,000
Treatment: Sedimentation	
Basin: Size (raw water wet well)	\$95,210
Pumps (raw water pumps)	\$54,000
Filtration	
Clarifier/Filter treatment unit	\$729,770
Backwash Pump Station	\$37,997
Backwash Decant Water Pump Station	\$93,035
Finish Water Pump Station	\$95,500
Other Treatment	
Baffle in 0.75MG Reservoir	\$150,000
TTHM Removal System for 3 MG Reservoir	\$250,080
Disinfection	
Disinfectant	\$246,328
Chemical feed system	\$47,082
Safety equipment	\$8,000
Retrofit and Seal of Existing Building	\$38,000
Controls	
Controls	\$515,000
Backup generator set	\$220,000
Water Storage	
Tanks: Size (rehad) to prepare for baffle & inlet	\$98,950
Booster pumps	\$392,075

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Detailed Cost Breakdown

Distribution System

Pipes (water treatment plant piping)	\$1,273,514
water service connections	\$16,948

Miscellaneous

Engineering Design	\$242,850
Administration & Legal	\$15,000
Bidding	\$38,784
Construction Management	\$361,986
Construction Staking	\$30,000
Geotechnical Testing & Observation	\$51,712
Electrical Inspection	\$25,856
Mobilization	\$200,000
Stormwater Pollution Prevention Plans (SWPPP)	\$50,000
Labor Compliance	\$20,000
Construction Contingency	\$258,562

TOTAL \$6,215,984