

AGENDA ITEM FORM

SUBJECT: Request Authorization for CEO and General Manager to Execute Change Order No. 1 for 2014 Well Rehabilitation – Maffitt Reservoir

SUMMARY:

- At the May 2014 Board meeting, the Board awarded a contract to Brechtel Radial Collector Wells, LLC (Brechtel), for the 2014 Well Rehabilitation – Maffitt Reservoir project. The contract amount was \$222,148.
- The original scope of work for this contract consisted of performing maintenance on radial collector Well 5 to remove encrustations and precipitates that plug the well screens and the aquifer surrounding the well screens and reduce the volume of raw water produced by the well.
- Prior to beginning the rehabilitation work on radial collector Well 5, the Engineering Department staff and Brechtel worked together to revise the rehabilitation procedures that were originally specified in the contract. Using the revised procedures will result in a cost savings of over \$40,000 to the contract.
- The maintenance work on radial collector Well 5 using the revised rehabilitation procedures has been completed. Calculations to determine the improvement in the volume of raw water produced by radial collector Well 5 are not anticipated to be completed until just prior to the September Board meeting. Based on visual observations, however, the maintenance work performed on radial collector Well 5 under this contract has resulted in a significant increase in yield.
- During the solicitation of bids for this contract, an alternate bid was provided for cleaning the well screen in an additional radial collector well, Well 6. The alternate bid submitted by Brechtel for rehabilitation of Well 6 was \$182,688. While staff believed this was a good price, the recommendation made to the Board did not include this alternate.
- Brechtel has agreed to use the same revised rehabilitation procedures on radial collector Well 6 and apply the same \$40,000-plus costs savings to the alternate bid for rehabilitation of Well 6. This results in a total cost of \$141,083 to rehabilitate radial collector Well 6.
- Staff recommends the Board authorize the CEO and General Manager to execute Change Order No. 1, in the amount of \$141,083, to add rehabilitation of radial collector Well 6 to the 2014 Well Rehabilitation – Maffitt Reservoir contract.
- The costs savings of \$40,000-plus realized by the revisions to the rehabilitation process for radial collector Well 5 will be formally applied to the contract by way of subsequent change orders resulting in a revised contract amount of \$321,626.

FISCAL IMPACT:

Funds for this project will come from the Maffitt Reservoir Well Rehabilitation Work Plan, which has a budget of \$263,574, along with approximately \$58,000 drawn from unspent monies earmarked for distribution system improvements in 2014.

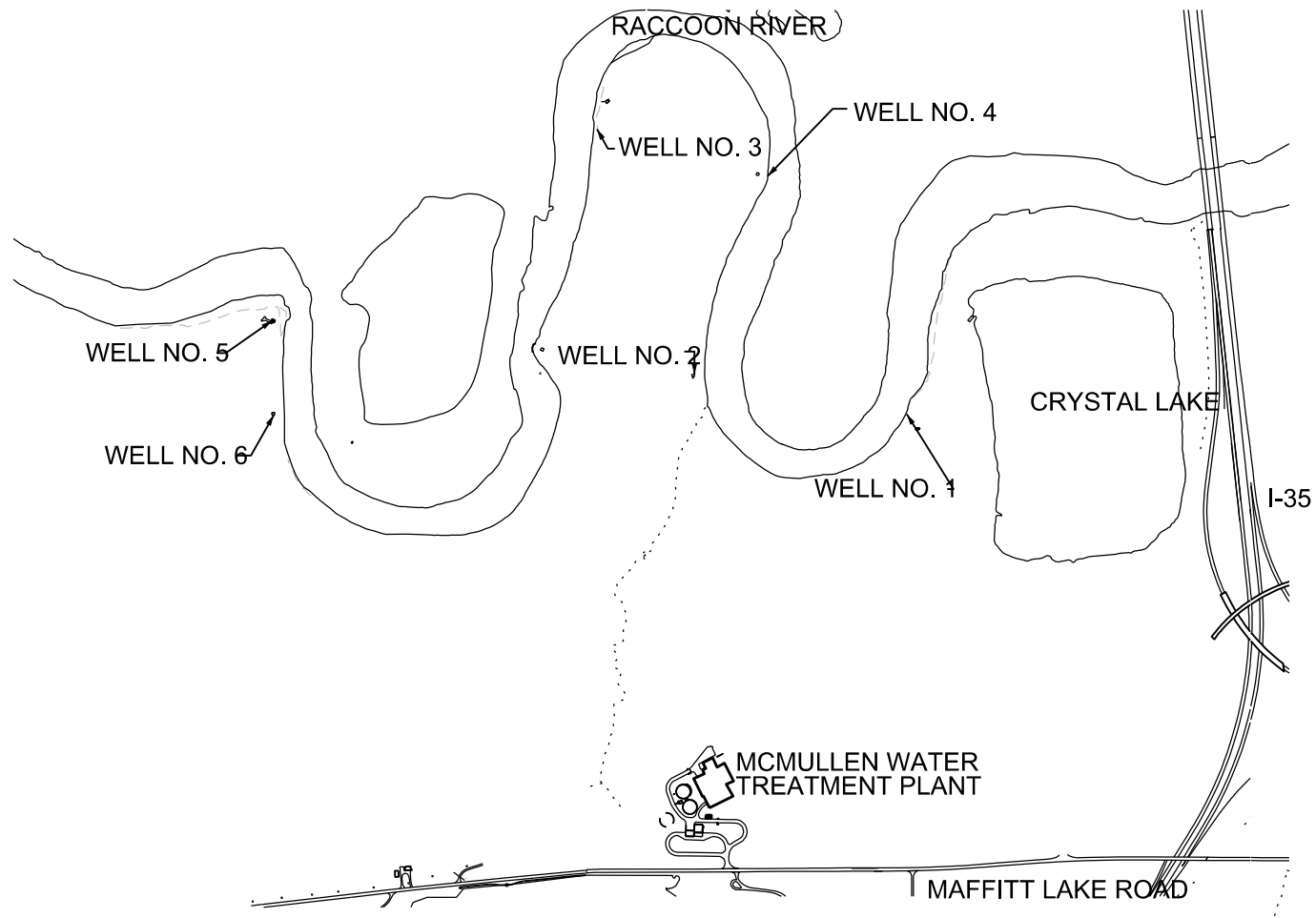
RECOMMENDED ACTION:

Authorize the CEO and General Manager to execute Change Order No. 1 for the 2014 Well Rehabilitation – Maffitt Reservoir in the amount of \$141,083.

BOARD REQUIRED ACTION:

Motion to authorize the CEO and General Manager to execute Change Order No. 1 for the 2014 Well Rehabilitation – Maffitt Reservoir in the amount of \$141,083.

_____/_____ Vern Rash, P.E., L.S. (date) Project Manager	_____/_____ Danny J. Klopfer, P.E. (date) Engineering Services Manager	_____/_____ William G. Stowe (date) CEO and General Manager
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NOT TO SCALE

ENGINEERING DEPARTMENT
DES MOINES WATER WORKS

CONTRACT CHANGE ORDER AGREEMENT

PROJECT:
2014 Well Rehabilitation - Maffitt Reservoir

CONTRACT NO.: 546-280

CONTRACTOR:
Brechtel Radial Collector Wells, LLC
P.O. Box 40
Sparta, Ohio 43350-0040

CHANGE ORDER NO.: 1

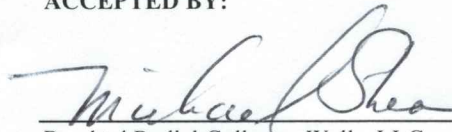
Summary: Add Well 6 Rehabilitation

Provide all labor, equipment, and materials necessary for completing rehabilitation of radial collector Well 6 located at Maffitt Reservoir in Dallas County, Iowa. All work shall be in accordance with the project Plans and Specifications except for revisions to Paragraph 3.6, Lateral Development, in Section 02522 of the Detailed Specifications that were mutually agreed to by the Engineer and the Contractor by way of email correspondence dated June 26, 2014.

Total Cost for Change Order No. 1: \$141,083.00

Original Contract Completion Date	1/3/2015	Original Contract Sum	\$222,148.00
Previous Adjustments	0 days	Net Change by Previous Change Orders	\$0.00
Current Completion Date	1/3/2015	as a % of Original Contract Sum	0.00%
Adjustment in Calendar Days	0 days	Current Contract Sum	\$222,148.00
Revised Contract Completion Date	1/3/2015	Net Change by this Change Order	\$141,083.00
		as a % of the Original Contract Sum	63.51%
		Total Change Orders	\$141,083.00
		as a % of Original Contract	63.51%
		Revised Contract Sum	\$363,231.00

ACCEPTED BY:


Brechtel Radial Collector Wells, LLC
Date 9/16/14

APPROVED BY:

CEO and General Manager Date

Engineering Services Manager Date