

DRAFT

April XX, 2017

Dr. Fred Abadi, Ph.D, P.E.  
Director of Public Works  
City of Waukesha  
130 Delafield Street  
Waukesha, WI 53188-3616

Re: Change Order No. 1  
Wastewater Treatment Plant Improvements - Phase II  
City of Waukesha, Wisconsin

Dear Dr. Abadi:

Enclosed are three copies of Change Order No. 1 and documentation for the change order items for your review and approval. If these are acceptable, please sign and return all copies to Strand Associates, Inc.<sup>®</sup> This letter also summarizes the items included in Change Order No. 1.

**Item 1a–Valve and slide gate changes**

This cost is for providing isolation valves on the discharge piping of the post-aeration blowers and for modifications to the slide gates during the submittal review process. Add \$1,683.00.

There is no increase beyond what would have been included in the bid had the valves and gate changes been shown on the bidding documents.

**Item 1b–W1 piping material change**

This is a credit for changing the material of the W1 piping serving Structure 320 from copper to HDPE. Deduct \$1,270.00.

**Item 1c–Diversion channel wall**

This cost is for providing a full height wall along the west side of the diversion channel. A concrete cap on the existing wall was shown on the bidding documents. Add \$5,075.00.

There is no increase beyond what would have been included in the bid had the full height wall been shown on the bidding documents.

DRAFT

**Item 1d–Weir trough beam material change**

This cost is for changing the material of the steel beam supporting the weir troughs from 304 stainless steel to 316 stainless steel. It is likely that 316 stainless steel will provide greater longevity as compared to 304 stainless steel. Add \$674.00.

There is no increase beyond what would have been included in the bid had the 316 stainless steel material been specified in the bidding documents.

**Item 1e–Delete portion of hand rail**

This is a credit for not replacing a portion of the handrail along the west side of Structure 320. The existing handrail was in good condition and did not require replacement. Deduct \$6,178.00.

**Item 1f–Adjustment to project contingency allowance adjustment**

This item deletes the project contingency allowance. Deduct \$40,000.00.

**Item 1g–Unsuitable material for structures allowance adjustment**

This item deletes the unsuitable materials for structures. There was no unsuitable material found during excavation for new structures, and all excavation work has been completed. Deduct \$10,000.00.

**Item 1h–Unsuitable material for trenches allowance adjustment**

This item deletes the utility trench unsuitable materials. There was no unsuitable material found during utility trench excavation, and all excavation work has been completed. Deduct \$2,500.00.

**Item 1i–Top of wall repair allowance adjustment**

This item deletes the top of wall concrete repair. There were no top of wall concrete repairs performed. Deduct \$17,500.00.

**Item 1j–Vertical surface/underside repair allowance adjustment**

This item deletes the vertical surface and underside of slab concrete repair. There were no concrete repairs performed. Deduct \$25,000.00.

**Item 1k–Concrete special crack repair allowance adjustment**

This item deletes the concrete special crack repair. There were no concrete crack repairs performed. Deduct \$18,000.00.

The sum of the above items in Change Order No. 1 results in a net deduct of \$113,016.00.

Please call me with any questions.

Sincerely,

Dr. Fred Abadi, Ph.D, P.E.  
City of Waukesha  
Page 3  
April XX, 2017

DRAFT

STRAND ASSOCIATES, INC.®

Vernon C. Witthuhn, Jr., P.E.

Enclosure