

March 11, 2022

Jacobs Project No: D3165200

Mr. Jeff Harenda
City of Waukesha
Department of Public Works
130 Delafield Street
Waukesha, WI 53188

Subject: Return Flow Pump Station, Advanced Phosphorus Treatment and Facilities
Enhancement – Amendment No. 2

Dear Mr. Harenda:

Jacobs was authorized by the City of Waukesha by Contract executed by Jacobs and Purchase Order No. 190015-00 (Jacobs Project No: D3165200) to provide engineering services including preliminary and final design and services during construction for the Return Flow Pump Station (RFPS), enhanced phosphorus treatment and facilities enhancements at the Clean Water Plant (CWP) project. Original Contract value was \$1,526,954. Authorization for additional \$10,000 by letter dated 5/28/19 and Change Order 1 authorized on 6/6/19 for \$122,971. Total current contract value is \$1,659,925.00.

CWP and Jacobs agreed to allow the contractor (CD Smith) to extend the contractor's substantial and final completion dates for additional work and allow for alternate start up and testing procedures that coordinate with the pipeline and maximize permit compliance.

This letter summarizes the additional tasks and associated fees for the added out of scope work. These additional services are summarized below.

- Additional construction meetings
 - 12 additional weekly meetings
 - 3 additional monthly meetings
- Additional field inspection time
 - 11 weeks of additional construction inspection
- Preparation of a request for quotation (RFQ) for the emergency replacement of leaking underground aeration air piping. This task included a site visit by our structural engineer, preparation of design sketches, negotiation with the contractor and preparation of change order documentation.
 - ALP RFQ design assistance – 80 hours
 - ALP site visit – 6 hours
 - ALP Negotiations and change order preparation – 16 hours
- Additional RFI/submittal reviews, performance testing, record drawings for ALP pipe replacement.
 - ALP shop drawings – 18 hours
 - ALP RFIs – 44 hours
 - ALP change orders – 8 hours
 - ALP record drawings – 6 hours

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- Additional time spent for alternate start-up/routine exercising scenarios for return flow pump testing with temporary piping to maximize permit compliance.
 - Alternate start-up/exercising and design of temporary piping additional effort – 120 hours

The total fees for Amendment No. 2 are \$152,634. The breakdown of the level of effort and associated fees are shown in the attachment. The attachment has three tables. One is the total fee breakdown. The second table is the level of effort and fee associated with the phosphorus and enhancement work and the final table includes the level of effort and fee associated with the return flow pump station.

If you have any questions regarding the information presented above, please call Andrew Schrank at 920-912-7530

Sincerely,

Jacobs



Bill Desing, P.E.
Project Manager



Rajeev Srivastava, PhD, Manager of Projects

cc. Andrew Schrank, P.E.