



March 23, 2023

Bruce Westby
City Engineer/Public Works Director
7550 Sunwood Drive NW
Ramsey, MN 55303

Re: Water Treatment Plant – Request for Engineering Amendment

Dear Mr. Westby:

AE2S is currently under contract to provide construction phase services for the construction of a 10 MGD Water Treatment Plant (WTP) for the City of Ramsey. Our design team began design efforts with Ramsey staff in September 2021. To date AE2S has completed design phase services through bidding and is currently working with the City to complete construction contracts. It is anticipated that construction will start on May 1, 2023, once contracts have been finalized. As we move into the start-up of construction, we would like to request consideration for additional compensation related to the extended construction timeline. The details in this letter are intended to outline this request and provide additional information.

Basis for Request:

AE2S has been working with the City over the last year and a half to design the City's new 10 MGD WTP. Over this period, it was established that the original 18-month construction period proposed was going to be difficult to accomplish with anticipated supply chain issues, so an extension to a 24-month construction timeline was expected to be needed. After discussions at the pre-bidding meeting with contractors, it was determined that a 28-month construction timeline would be more ideal for a project of this size to allow the contractor sufficient time to install the equipment and complete the project components. To accommodate this request, the bidders were offered a base bid construction timeline of 24 months and a bid alternate for 28 months. AE2S has recommended that the City should accept the base bid for a 24-month construction timeline with the low bidder, Magney Construction. With this extended timeline, AE2S has reviewed the project schedule and is requesting additional compensation for the following scope changes.

1. **Additional Project Time:** AE2S originally estimated the project RPR would last approximately 18 months. With a new substantial completion date of May 1, 2025, AE2S believes that 24 months of RPR services should be provided. The extended project timeline was not anticipated, and an additional 6 months of engineering support will be needed. We believe that full-time construction support should be provided through Substantial Completion (May 1, 2025) with part-time support through Final Completion (August 1, 2025). In addition to the on-site support, engineering administrative support will be required by our team to provide technical support, project management, and guidance to the contractor and owner. To maintain the same level oversight into the extended timeline, the following tasks from the original scope will require additional efforts.
 - Progress meetings (frequent in beginning then moving to monthly during construction)
 - Contractor and PM Coordination
 - Pay requests
 - Construction observation

Based on our understanding of the additional efforts to the scope items list above, we feel that **\$225,100** in additional engineering fees would be appropriate to provide the highest quality engineering services through the entire construction timeline.

Advanced Engineering and Environmental Services, Inc.

6901 East Fish Lake Road, Suite 184 • Water Tower Place Business Center • Maple Grove, MN 55369 • 763-463-5036



Tasks laid out in the original scope that will not change include the following:

- Preconstruction conference
- Subconsultant's services
- Testing services
- Shop Drawing review (Approximately 100 submittals total)
- Change orders & RFIs
- Construction schedule review
- Construction staking (AE2S to provide initial control points)
- Special Inspection meetings (pre-concrete, pre-precast setting, & 2 additional)
- Substantial Completion punchlist
- Start-up of systems
- Final completion review
- Project close-out
- Record drawings
- O&M manuals

Requested Engineering Fee:

In summary, AE2S is requesting a \$225,100 amendment to our original construction phase services contract. We have attached the Amendment to Owner-Engineer Agreement for approval. Should you have any questions or concerns we would be happy to talk through these items with you and provide more explanation.

Submitted in Service,
AE2S

A handwritten signature in blue ink that reads "Aaron Vollmer".

Aaron Vollmer, PE
Project Manager

**AMENDMENT TO OWNER-ENGINEER AGREEMENT
Amendment No. 1**

The Effective Date of this Amendment is: March 28, 2023.

Background Data

Effective Date of Owner-Engineer Agreement: March 28, 2023

Owner: City of Ramsey, Minnesota

Engineer: Advanced Engineering and Environmental Services, Inc.

Project: City of Ramsey Water Treatment Plant

Nature of Amendment:

- Additional Services to be performed by Engineer
- Modifications to services of Engineer
- Modifications to responsibilities of Owner
- Modifications of payment to Engineer
- Modifications to time(s) for rendering services
- Modifications to other terms and conditions of the Agreement

Description of Modifications:

Additional engineering services will be required for the Construction Phase due to the extended construction timeline from 18 months to 24 months for a Substantial Completion date of May 1, 2025.

Agreement Summary:

Original agreement amount:	\$ 1,198,600
Net change for prior amendments:	\$ 0
This amendment amount:	\$ 225,100
Adjusted Agreement amount:	\$ 1,423,700

Change in time for services: 6 months

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect.

OWNER:

ENGINEER:

By: _____

Print
name: _____

Title: _____

Date Signed: _____

By: _____

Print
name: _____

Title: _____

Date Signed: _____