

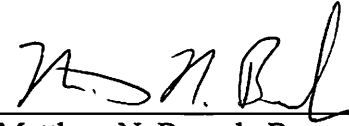
**RESOLUTION 2022 - 80**

**A RESOLUTION OF THE MAYOR AND COUNCIL OF THE BOROUGH OF  
MOUNT ARLINGTON, COUNTY OF MORRIS, STATE OF NEW JERSEY,  
AUTHORIZING EXECUTION OF A PROPOSAL FOR CONSTRUCTION  
MANAGEMENT SERVICES WITH CP ENGINEERS, LLC FOR I-BANK  
DRINKING WATER PROJECT 1426005-001, CP PROPOSAL NO. 22-044,  
SCHMITZ TERRACE WATER TANK**

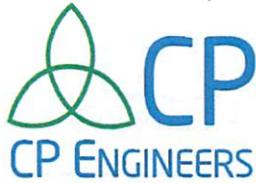
**NOW, THEREFORE, BE IT RESOLVED**, by the Mayor and Council of the Borough of Mount Arlington, County of Morris, State of New Jersey, that the Mayor is authorized to execute and submit a Proposal for Construction Management Services with CP Engineers, LLC for I-Bank Drinking Water Project 1426005-001, CP Proposal No. 22-044, for the construction management services for the rehabilitation of the Schmitz Terrace Water Tank, a copy of which is attached hereto as **Exhibit A.**

This Resolution shall take effect immediately.

**I HEREBY CERTIFY** this to be a true and correct Resolution of the Mayor and Borough Council of the Borough of Mount Arlington and adopted on May 17, 2022.

  
\_\_\_\_\_  
Matthew N. Bansch, Borough Clerk

## **Exhibit A**



11 Park Lake Road  
Sparta, New Jersey 07871  
Phone (973) 300-9003  
Fax (973) 300-4003  
[www.cpendngineers.com](http://www.cpendngineers.com)

May 06, 2022

Carolyn Rinaldi  
Municipal Administrator  
Borough of Mt. Arlington  
419 Howard Boulevard  
Mt. Arlington, New Jersey 07856

Re: Proposal for Professional Engineering Services  
I-Bank Drinking Water Project 1426005-001  
Construction Management Services  
Mt. Arlington Borough, Morris County, New Jersey

CP Proposal No. 22-044

Dear Ms. Rinaldi:

CP Engineers, LLC (CP) is pleased to provide this Proposal for professional engineering services to the Borough of Mount Arlington (Borough) for the construction management services for the rehabilitation of the Schmitz Terrance Water Tank. We thank you for this opportunity to submit this proposal and for allowing CP to provide our services to you.

### **Background**

Mount Arlington Borough entered into a short-term loan agreement with the I-Bank as part of the Drinking Water Asset Management Planning Loan Program. As part of the loan terms, the Borough was to identify and have certified by the NJDEP an eligible clean water capital project by June 30, 2022.

The Borough has identified the rehabilitation of the Schmitz Terrace Water Tank as such an eligible capital project.

### **Scope of Services**

The rehabilitation of the Schmitz Terrace Water Tank will consist of coating, safety and water quality improvements. A more detailed breakdown of the improvements is listed below.

#### **Coating**

- Abrasive blast clean all interior and exterior surfaces followed by zinc/epoxy coating system as per NSF 600 and AWWA standards
- Perform metal spot repair and replacement as necessary
- Abrasive blast all piping in valve vault and apply a new epoxy coating per standards

#### Safety

- Remove existing handrailing and install new handrailing system in compliance with AWWA D100-05.
- Remove existing exterior ladder and replace with a new 16-inch wide access ladder. The new ladder shall have a personal fall arrest system. There will also be a safety gate at the top of the ladder and a vandal guard at the bottom of the ladder.

#### Water Quality

- Install vent repairs including installation of a mesh insect screen and new bolts or install a new frost-proof vent of similar size.
- Install a lock on the roof hatch.
- Remove and dispose of the existing cathodic protection wiring located within the water tank.
- Replace the screen on the exterior overflow piping
- Install a new active tank mixing system. Mixing system is to be solar powered as there is no electric at the top of the water tank.
- Install a splash guard at the outfall of the overflow.

CP will provide the following construction management services:

#### 1. Construction Administration Phase Services

- 1.1. General contract administration services to coordinate and communicate with the client and contractor on daily tasks and scheduling.
- 1.2. Preparation for, attendance at and preparation and distribution of meeting minutes for the Pre-Construction Meeting.
- 1.3. Receive, log, review and respond to contractor shop drawing submittals.
- 1.4. Contract closeout services, punch list preparation, review of contract closeout documents and final inspection (final walkthrough).
- 1.5. Record Drawing preparation.
- 1.6. Payment Application review and preparation of recommendation letter.

#### 2. Construction Observation

- 2.1. General Inspection, Attendance at On-site Meetings, Field Coordination.
- 2.2. Part time inspection for contractor set-up and break down of rehabilitation equipment.
- 2.3. Full time Level 2 NACE Certified Inspector for the Schmitz Terrace Stand Pipe Coating and Upgrade Modification Inspections.

#### Clarifications

Inspection time is based on the above work items. Any structural or material repair of the tank beyond spot repairs is not included in the cost for inspection and would be a change order.

## Cost

It is proposed to conduct the work as a time and expense (T&E) project with a not to exceed amount of \$62,500. CP will bill the Borough once the basis of actual time expended and expenses incurred.

## Schedule

Work will begin once the authorization from the Borough is granted with the understanding that the project is to be awarded and certified by the NJDEP by June 30, 2022.

## Authorization

CP proposes to perform these services under the terms and conditions of our current agreement. If this proposal meets with your approval, kindly indicate your acceptance by providing a resolution incorporating this proposal as reference or by signing and returning a copy of this document to our office.

Please feel free to call me with any questions or comments.

Very truly yours,

CP ENGINEERS, LLC



Matthew T. Peles, P.E.  
Project Manager



Amy Breitwieser, P.E.  
Vice President

Accepted this 17<sup>th</sup> day of May, 2022

By (Signature): 

By (Printed): Michael Stanzilis

Title: Mayor

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