


RESOLUTION 2022 - 79

**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 ENGINEERING
AND PROCUREMENT SERVICES WITH CP ENGINEERS, LLC
FOR I-BANK DRINKING WATER PROJECT 1426005-001,
CP PROPOSAL NO. 22-031, 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 Engineering and Procurement Services with CP Engineers, LLC for I-Bank Drinking Water Project 1426005-001, CP Proposal No. 22-031, 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.

A handwritten signature in black ink, appearing to read 'M. N. Bansch', written over a horizontal line.

Matthew N. Bansch, Borough Clerk

Exhibit A



11 Park Lake Road
Sparta, New Jersey 07871
Phone (973) 300-9003
Fax (973) 300-4003
www.cpengineers.com

April 04, 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
Engineering and Procurement Services
Mt. Arlington Borough, Morris County, New Jersey

CP Proposal No. 22-031

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 engineering design and procurement services for the rehabilitation of the Schmitz Terrace 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

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 gate at the top of the ladder and a vandal guard.
- Installation of rigging couplers on the interior roof of the tank

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.

CP will provide the following services:

1. CP will conduct an on-site visual inspection of the Schmitz Terrace Water Tank.
2. Prepare an engineering bid package for the Schmitz Terrace Water Tank which includes the following:
 - a. Installation Details for the tank improvements.
 - b. Technical Specifications for the tank improvements.
3. Provide Bid Phase Services consisting of the following for each of the contracts:
 - a. Provide Advertisement to Bidders and coordinate advertisement with the Borough.
 - b. Respond to Bidder questions during the bidding period.
 - c. Prepare for, conduct, and document a Pre-Bid Meeting.
 - d. Prepare and issue addenda, as appropriate.
 - e. Analyze and tabulate the bid results.
 - f. Prepare a Summary of Bids Received and Bid Review Report and furnish a written Recommendation of Award.
4. Coordinate with the NJDEP on the environmental, cultural, engineering and social and economically disadvantaged aspects of the I-Bank submittals and prepare any documentation as required to satisfy the above aspects.
5. Development of estimated capital and soft costs for the design, procurement and execution of the Schmitz Terrace Water Tank.



Clarifications

CP is not preparing the loan documentation as that is to be prepared by the Bond Council.

This proposal does not include construction administration and inspection activities. CP will provide a separate proposal for the construction administration and inspection. CP estimates that the rehabilitation activities will be approximately two months in duration and that the construction administration and inspection activities will cost approximately \$65,000. This proposal will be submitted after the project is award to a contractor and closer to the construction activities

Cost

It is proposed to conduct the work as a time and expense (T&E) project with a not to exceed amount of \$24,500. 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

A handwritten signature in blue ink that reads "Matthew T. Peles".

Matthew T. Peles, P.E.
Project Manager

A handwritten signature in blue ink that reads "Amy Breitwieser".

Amy Breitwieser, P.E.
Vice President

Accepted this 17th day of May, 2022

By (Signature): _____

Carolyn Rinaldi, Administrator, Mount Arlington Borough
Drinking Water Project Engineering and Procurement Services
April 04, 2022
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By (Printed): Michael Stanzilis

Title: Mayor

M:\Business Development\1) PROPOSALS & QUALS STATEMENTS\Mount Arlington Borough\2022\22-031 - Schmitz Tank Rehab\Proposal 22-031.docx

A handwritten signature in dark ink, appearing to be "MS", is located at the bottom center of the page.