

RESOLUTION #2021-25

RESOLUTION OF THE MANTUA TOWNSHIP MUNICIPAL UTILITIES AUTHORITY AUTHORIZING A CONTRACT WITH SICKELS & ASSOCIATES FOR PHASE 1 BARNSBORO TANK EVALUATION FOR 1 MILLION GALLON BARNSBORO MAIN STREET ELEVATED WATER TANK

WHEREAS, the Mantua Township Municipal Utilities Authority (MTMUA), with its principal place of business at 397 Main Street, Mantua, New Jersey 08051 ("MUA") received a 2011 Inspection Report indicating the interior and exterior of the Main Street Barnsboro Water Tank is in need of repairs as well as resurfacing; and

WHEREAS, while a comprehensive evaluation of this Barnsboro Main Street water tank has not been performed since 2011; the MTMUA has been monitoring the condition of the water tower and specific areas of the tank have been the subject of video inspections during concomitant changes in telecommunications equipment; and

WHEREAS, the MTMUA is now desirous of the restoration and repainting of the 1 Million Gallon Water Tank as part of their capital plan especially in light of the existing paint and coatings are reaching the end of their expected useful life; and

WHEREAS, the NJDEP requires/recommends a five (5) year inspection cycle for Municipalities to evaluate the condition of their tanks; and

WHEREAS, the MTMUA, in preparation for the planning of this capital improvement, is looking to complete a comprehensive evaluation to identify and document necessary repairs to be included within this project as well as estimate associated costs to minimize any unforeseen items and allow the MTMUA to obtain the funding to support this infrastructure improvement; and

WHEREAS, the MTMUA engineer, Sickels & Associates, submitted an acceptable proposal for the Services in the amount of \$7,540.00, which proposal is attached hereto and incorporated herein at length; and

WHEREAS, the MTMUA has reviewed and evaluated the proposal and has decided to authorize a comprehensive evaluation of required/recommended work needed to be performed on the 1 million gallon Barnsboro Main Street Water Tank, the MTMUA has decided to award this contract to Sickels and Associates.

WHEREAS, as stated, the MTMUA has decided to move forward with the aforementioned Proposal as refined by the Commission at the meeting of March 15, 2021.

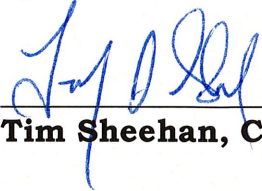
NOW, THEREFORE, BE IT RESOLVED by the Mantua Township Municipal Utilities Authority as follows:

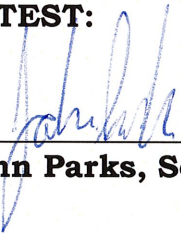
1. That Sickels & Associates in conjunction with their subconsultant, Mumford-Bjorkman & Associates, will evaluate the interior and exterior of the 1 million gallon elevated tank located on Main Street in Barnsboro. For the evaluation, the exterior coating, foundations and appurtenances will be inspected by direct visual observation and digital photographs. The interior of the tank will be inspected utilizing a Remote Operated Vehicle (ROV) equipped with a camera. The interior inspection will be observed in real-time on a video monitor and recorded digitally, or some variation thereof.
2. While the tank inspectors are onsite evaluating the interior and exterior coatings, they will also conduct an independent assessment of the tank structures and any repairs or upgrades that are required based on current industry and NJDEP standards.
3. Recommendations will then be provided in a written report with recommendations for repair and recoating. A letter report will be prepared summarizing the key findings of the inspection conducted by Mumford-Bjorkman & Associates. Recommendations for upgrades, repair and recoating will be included along with a budget analysis and estimates of probable costs.
4. After submission of the letter report, the Authority will meet with S&A and MBA to discuss the findings, phasing and future direction of the project.
5. The cost of the total consulting fee to complete the various activities described herein is estimated at \$7,540.00 plus the cost of applicable reimbursable expenses to be invoiced separately.
6. The Executive Director of the Mantua Township Municipal Utilities Authority is hereby authorized and directed to execute and any all contracts and related documents with Sickels & Associates that may be necessary to retain S&A for this evaluation. Any and all contracts and related documents necessary to award and complete the contract should be in the form acceptable to the Mantua Township Municipal Utilities Authority's counsel.

THIS RESOLUTION shall take effect immediately.

DULY ADOPTED at the Meeting of the Mantua Township Municipal Utilities Authority held on March 15, 2021.

**Mantua Township
Municipal Utilities Authority**

By: 
_____ **Tim Sheehan, Chairman**

ATTEST:

_____ **John Parks, Secretary**

<u>Governing Body</u>	<u>Recorded Vote</u>				<u>Resolution 2021-25</u>
	Aye	Nay	Abstain	Absent	
Tim Sheehan, Chairman	✓				
Mario Dilisciandro, Vice Chairman	✓				
Daniel Hauss, Treasurer	✓				
John Parks, Secretary	✓				
Victor Torino	✓				
Howard Bruner, Alternate No. 1					

March 10, 2021

Mr. William Krebs, Executive Director
Mantua Township Municipal Utilities Authority
397 Main Street
Mantua, NJ 08051

**RE: PROPOSAL FOR PROFESSIONAL SERVICES
1 MG ELEVATED WATER TANK EVALUATION
MANTUA TOWNSHIP, NEW JERSEY
S&A PROPOSAL NO. 2021-30**

Dear Mr. Krebs:

In response to your request, Sickels & Associates, Inc. is pleased to submit this proposal for the necessary engineering services on the above referenced project.

For ease of review, the proposal is organized in the following manner: Our Understanding of the Project, Description of Services, Fee Structure, Annual Fee Schedule and Terms and Conditions.

OUR UNDERSTANDING OF THE PROJECT

The Mantua MUA had an inspection report completed in 2011 for the above referenced tank. The report included an evaluation of the interior and exterior of the tank, identifying various repairs, in addition to the resurfacing of the interior and exterior of the water tower. The 1,000,000 gallon tank located on Main Street. A comprehensive evaluation of this water tower has not been performed since 2011, however, the Authority has been monitoring the condition of the water tower and location specific areas on the tank have been videoed on a few occasions during the pre and post installation of telecommunications equipment by various carriers.

The Mantua Township MUA (MTMUA) has identified the restoration and repainting of the 1 MG water tower as part of the Authority's capital plan. Based on the time since the tank was painted last, the existing coating (paint) systems are now reaching the end of their expected useful life. The NJDEP requires / recommends a five (5) year inspection cycle for Municipalities to evaluate the condition of their tanks. In preparation for the planning of this capital improvement, the Authority is looking to complete a comprehensive evaluation in an effort to identify and document necessary repairs to be included within this project as well as estimate associate costs to minimize any unforeseen items and allow the Authority to obtain the funding to support their infrastructure improvements.

RE: PROPOSAL FOR PROFESSIONAL SERVICES
1 MG Elevated Water Tank Evaluation
MANTUA TOWNSHIP, NEW JERSEY
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DESCRIPTION OF SERVICES

Based on the above project description, the scope of our services will be limited to the following activities:

PHASE 1 BARNSBORO TANK EVALUATION

The scope of this Phase includes the following:

- 1.1 Sickels and Associates, Inc., in conjunction with our subconsultant Mumford-Bjorkman & Associates, will evaluate the interior and exterior of the 1 million gallon elevated tank located on Main Street in Barnsboro. For the evaluation, the exterior coating, foundations and appurtenances will be inspected by direct visual observation and digital photographs. The interior of the tank will be inspected utilizing a Remote Operated Vehicle (ROV) equipped with a camera. This type of interior evaluation can be performed while the tank is full and in service. The tank should be as full as possible at the time of the evaluation to allow the rover to access most of the tank. In addition if the riser does not have a grate, the riser can be inspected if the tank discharge valve is closed. The interior inspection will be observed in real-time on a video monitor and recorded digitally.
- 1.2 While the tank inspectors are onsite evaluating the interior and exterior coatings they will also conduct an independent assessment of the tank structures and any repairs or upgrades that are required based on current NJDEP standards.
- 1.3 Recommendations will then be provided in a written report with recommendations for repair and recoating. We will prepare a letter report summarizing the key findings of the inspection conducted with MBA. Recommendations for upgrades, repair and recoating will be included along with a budget analysis and estimates of probable costs.
- 1.4 After submission of the letter report, we can meet with the Authority to discuss the findings, phasing and future direction for the project.

CONSULTING FEE FOR SERVICES RENDERED

Based on the understanding of the project and description of service, our total consulting fee to complete the various activities described herein is estimated at **\$7,540.00** plus the cost of applicable reimbursable expenses, which will be invoiced separately.

**RE: PROPOSAL FOR PROFESSIONAL SERVICES
1 MG Elevated Water Tank Evaluation
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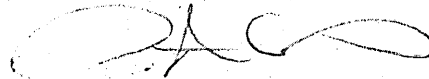
Sickels & Associates is prepared to commence work immediately upon receipt of authorization to proceed. This proposal assumes that said authorization will be issued within sixty (60) days from the date of this proposal. The terms and conditions of this proposal shall remain in effect for sixty (60) days. If you concur with our Description of Services and Consulting Fee, please execute one copy as our formal authorization to proceed and return same to our office.

Once again, we would like to thank you for the opportunity to offer the services of our firm and we look forward to continuing our work with you on this project.

If you have any questions regarding this matter, please contact our office at (856) 848-6800.

Very truly yours,

SICKELS & ASSOCIATES, INC.



Patricia A. Owens
Secretary & Treasurer

cc: Chairman and Members of the Board
John Alice, Esq., MTMUA Solicitor (via email only)
Mark R. Brunermer, P.E., C.M.E., S&A, Inc. (via email only)
David S. Palgutta, P.E., C.M.E., S&A, Inc. (via email only)

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