

RESOLUTION NO. 2022-115

RESOLUTION OF THE TOWNSHIP OF LITTLE EGG HARBOR, COUNTY OF OCEAN, STATE OF NEW JERSEY, AUTHORIZING SPECIAL PROJECTS ENGINEER, T&M ASSOCIATES, TO PERFORM 2022 BULKHEAD IMPROVEMENT PROJECT

WHEREAS, T&M Associates was previously appointed as a Special Project Engineer for the Township by Resolution 2022-004; and

WHEREAS, the Township is in need of Special Project Engineering services to perform survey, design, permitting and construction services for reconstruction of existing bulkheads at street ends or lagoon ends at Flax Isle Drive (between Great Bay Boulevard and Flax Court), the end of Flax Court and at Daddy Tucker Drive (near Great Bay Boulevard) and to install bulkheads at eroded lagoon ends at:

- Street End of Daddy Tucker (with storm drainage improvements)
- 767 East Playhouse Drive (between N. Burgee and N. Spinnaker)
- 517 West Calabreeze Way (S. Miami and Dayton)
- 18 Mirror Lake Road (between Silver Lake and Mirror Lake)
- 517 Twin Lakes Boulevard (between E. Mohawk and E. Potomac)
- 518 Twin Lakes Boulevard (between W. Mohawk and W. Potomac)
- 606 Twin Lakes Boulevard (between W. Raritan and W. Shrewsbury)
- 994 Twin Lakes Boulevard (between E. Mullica and E. Delaware),

collectively known as the 2022 Bulkhead Improvement Project; and

WHEREAS, the Township has determined that T&M Associates have the ability and expertise to perform the engineering services required by the Township for 2022 Bulkhead Improvement Project; and

WHEREAS, the Chief Financial Officer has certified that there are funds available for this contract, which certification is annexed hereto; and

WHEREAS, that Township desires to award Special Project Engineering Services to Special Township Engineer, T&M Associates, to perform survey, design, permitting and construction services for the 2022 Bulkhead Improvement Project.

NOW, THEREFORE, BE IT RESOLVED by Township Committee of the Township of Little Egg Harbor, County of Ocean, State of New Jersey, as follows:

1. That Township Committee does hereby authorize Special Project Engineering Services to Special Township Engineer, T&M Associates, to perform survey, design, permitting and construction services for the 2022 Bulkhead Improvement Project, in accordance with the proposal submitted by T&M Associates, in an amount not to exceed \$119,700.00.

2. That the Mayor is authorized to execute and the Township Clerk to attest to an Agreement with T&M Associates for the 2022 Bulkhead Improvement Project as authorized by this Resolution and by Resolution 2022-004, and shall be an open-ended contract with funds being encumbered contingent upon the availability of funds in the budget year. No services shall be rendered under the contract until the Chief Financial Officer has certified the availability of funds for such services.

3. That this resolution shall take effect immediately.

4. That a certified copy of this resolution shall be provided by the Township Clerk to the Chief Financial Officer and T&M Associates.

CERTIFICATION

I, **KELLY LETTERA**, do hereby certify that the foregoing is a true copy of a resolution adopted by the Governing Body of the Township of Little Egg Harbor at a meeting held on the 14th day of April, 2022.



KELLY LETTERA, RMC
Township Clerk,
Township of Little Egg Harbor

CERTIFICATE OF AVAILABILITY OF FUNDS

I, **RODNEY HAINES**, Chief Financial Officer for the Township of Little Egg Harbor, do hereby certify that adequate funds are available for an open-ended contract with T&M Associates as Special Project Engineers to perform survey, design, permitting and construction services for the 2022 Bulkhead Improvement Project, in accordance with the proposal submitted by T&M Associates, in an amount not to exceed \$119,700.00.

The funds which are available for this open-ended contract are found in the following line item appropriation(s): GRANT - AMERICAN RESCUE FUNDS



RODNEY HAINES, Chief Financial Officer
Township of Little Egg Harbor

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT dated the 14th day of April , 2022,

BETWEEN: TOWNSHIP OF LITTLE EGG HARBOR, a municipal corporation of the State of New Jersey, having its principal offices located at 665 Radio Road, Little Egg Harbor, New Jersey 08087 (hereinafter referred to as "Township");

AND: JASON WORTH, PE, PP, CME, OF T&M ASSOCIATES having its principal offices located at 1144 Hooper Avenue, Suite 202, Toms River, NJ 08753 (hereinafter referred to as "Special Projects Engineer").

WITNESSETH:

WHEREAS, pursuant to law, the parties hereto wish to enter into an agreement for Professional Engineering Services.

NOW, THEREFORE, the parties hereunder do agree as follows:

1. Jason Worth, PE, PP, CME of T&M Associates was duly appointed and designated by the Township Committee of the Township of Little Egg Harbor as a Special Projects Engineer for a term of one (1) year, commencing January 1, 2022 and ending December 31, 2022.

2. That pursuant to that appointment and in accordance with the terms of the Special Project Professional Engineering Services Agreement, Jason Worth of T&M Associates is awarded a Special Engineering Project for 2022 Bulkhead Improvements Project in accordance with the proposal submitted by T&M Associates dated March 30, 2022, incorporated into this Agreement as "Schedule A" attached hereto for an amount not to exceed \$119,700.00.

3. The Township of Little Egg Harbor and the Engineer for themselves, their heirs, executors, administrators, successors or assigns, hereby agree to the full performance of the covenants herein contained.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

WITNESS & ATTEST:



KELLY LETTERA, RMC
Township Clerk
(Seal)

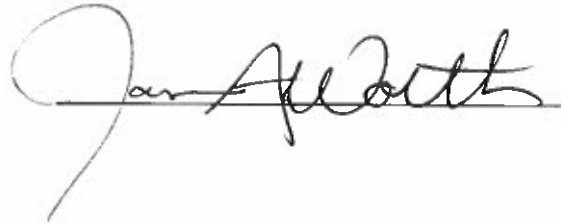
TOWNSHIP OF LITTLE EGG HARBOR

By



, Mayor

**JASON WORTH, PE, PP, CME OF
T&M ASSOCIATES**



As to



YOUR GOALS. OUR MISSION.

March 30, 2022

VIA EMAIL ONLY

Rodney Haines, Township Administrator/CFO
Township of Little Egg Harbor
665 Radio Road
Little Egg Harbor, NJ 08087

Re: T&M File No. LEHTOH-16002
2022 Bulkhead Improvement Project
Township of Little Egg Harbor, Ocean County, NJ

Dear Mr. Haines:

T&M Associates is pleased to provide the following scope and budget for survey, design, permitting and construction services for the reconstruction of existing bulkheads at street ends or lagoon ends as follows:

- Flax Isle Drive (between Great Bay Blvd and Flax Ct)
- End of Flax Ct
- Daddy Tucker Drive (near Great Bay Blvd)

The project would also include the installation of bulkheads at currently eroded lagoons ends as follows:

- Street End of Daddy Tucker (this would coincide with some storm drainage improvements also)
- 767 East Playhouse Drive (between N. Burgee and N. Spinnaker)
- 517 West Calabreeze Way (S. Miami and S. Dayton)
- 18 Mirror Lake Road (between Silver Lake and Mirror Lake)
- 517 Twin Lakes Blvd (between E. Mohawk and E. Potomac)
- 518 Twin Lakes Blvd (between W. Mohawk and W. Potomac)
- 606 Twin Lakes Blvd (between W. Raritan and W. Shrewsbury)
- 994 Twin Lakes Blvd (between E. Mullica and E. Delaware)

All design considerations and improvements will be coordinated with the Township staff to develop a final design and include adjoining improvements as desired.

1. Survey and Base Map

A topographic survey of the area of the bulkheads and lagoon ends will be undertaken and will include the bulkhead/shoreline, adjacent improvements, storm drainage and sewer utilities, adjoining private properties, fences, and roadway ends. The water surface elevation shall be measured and the mean high water and mean higher high water will be calculated from available data. A base map will be prepared to scale to depict the existing data as surveyed and for use as a base map for proposed improvements.



Le: Rodney Haines, Township Administrator/CFO
Township of Little Egg Harbor
Re: T&M File No. LEHTOH-16002
2022 Bulkhead Improvement Project
Township of Little Egg Harbor, Ocean County, NJ

2. Geotechnical Investigation

Unless data is available, we propose to advance one boring in three locations of the bulkhead installation/reconstruction to locate any limiting soils, determine soil capacity. The hollow stem auger drilling method will be utilized, and split spoon samples collected at 2-foot intervals from 0 to 10 feet then at 5-foot intervals to 30 feet total depth. Bore holes will be backfilled with drill cuttings.

3. NJDEP Permitting

Regulatory review is under the jurisdiction of the NJDEP's Land Use Regulation Program. We will evaluate whether the replacement bulkhead will have to be placed in the same location or out-shore of existing and consider constructing of nonpolluting materials, generally vinyl and wrapped treated lumber.

T&M will submit applications for the following permits:

NJDEP Coastal General Permit #14/Individual Permit

We will prepare and submit the required NJDEP Coastal General Permit No. 14 Permit Application for the 3 bulkhead replacements located off of Great Bay Boulevard and an Individual Permit for the 8 new bulkheads needed at eroded shorelines. This task assumes that the bulkhead will be replaced within 24" of the existing bulkhead or along the MHWL. This task is inclusive of the preparation of the required administrative application paperwork, notification to all property owners within 200 feet of the project site, comprehensive compliance narrative, color photographs, soil borings and NJDEP Permitting Plan depicting the regulatory impacts. We proposed to submit one application for all four locations.

Deliverables: Two copies of the complete Permit Application.

Exceptions:

- The applicant will provide the required application fees.
- This task assumes that the Township has obtained the required Tidelands Interim Licenses / Grants for these bulkheads and as such is not included.



Le: Rodney Haines, Township Administrator/CFO
Township of Little Egg Harbor
Re: T&M File No. LEHTOH-16002
2022 Bulkhead Improvement Project
Township of Little Egg Harbor, Ocean County, NJ

Army Corps of Engineers Nationwide Permit No. 3

We will prepare and submit the required Army Corps of Engineers Nationwide Permit No.3 Application for the proposed bulkhead replacements. This task is inclusive of the preparation of the required administrative application paperwork, notification to all property owners within 200 feet of the project site, Federal Compliance Narrative, color photographs and Permitting Plan depicting the regulatory impacts. We proposed to submit one application for all four locations.

Deliverables: Two copies of the complete Permit Application.

4. Design Plans

T&M will design a bulkhead system to replace the existing wooden bulkheads near Great Bay Boulevard and for new bulkheads in Mystic Islands at lagoon ends. T&M will design the new bulkhead utilizing vinyl sheeting, and align the bulkhead with the adjacent residential bulkheads, subject to regulatory approval. As noted above, we shall verify with the regulatory agencies the need for “non-polluting” materials which would typically include vinyl wrapped piles and walers. At the same time, we will review the existing stormwater drainage system that terminates at the bulkheads and suggest potential stormwater upgrades that could be incorporated in the project. Any roadway disturbance would be re-paved as part of the project, but we will attempt to keep this to a minimum.

5. Bidding Services and Contract Administration

Subsequent to finalizing the design plans, T&M Associates will publicly bid the project and recommend award to the Township Committee. We will hold a preconstruction conference, review shop drawings, and provide part-time inspection (20 hours per week) of the work proposed. After completion of the project, we will perform a final walk-through inspection and prepared a punch list, if necessary, prior to final closeout of the project.

Summary of Costs

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|--|--------------------|
| Surveying and Base Mapping | \$11,200.00 |
| Geotechnical Investigation | \$ 4,500.00 |
| Permitting | \$20,000.00 |
| Design Plans | \$24,000.00 |
| Bidding Services | \$ 3,500.00 |
| Contract Administration and Construction Inspection | <u>\$56,500.00</u> |
| Total | \$119,700.00 |

If approved, T&M Associates is prepared to begin with the project immediately, and we would anticipate permit submission within 75 days. We would anticipate construction to commence in late fall, or early winter, and be complete by spring 2023. As previously indicated, the preliminary estimated construction cost is \$1,200,000.00; however, we will review cost saving measures during the design phase of the project.



March 30, 2022
Page 4

Le: Rodney Haines, Township Administrator/CFO
Township of Little Egg Harbor
Re: T&M File No. LEHTOH-16002
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Township of Little Egg Harbor, Ocean County, NJ

I trust the above schedule is consistent with the Township's needs. Please advise the undersigned if you would like this office to proceed with the above scope, schedule, and budget. If you have any further questions or would like to review this scope and budget further, please feel free to contact me.

Very truly yours,

JASON A. WORTH, P.E., P.P., C.M.E.
TOWNSHIP ENGINEER

JAW:jet