

22.1783.002
February 14, 2022

Scott Corcoran, Town Supervisor
Town of Marlborough
21 Milton Turnpike
Milton, NY 12547

Re: Milton Landing Pier Restoration – Amendment to Engineering Design Services

Dear Supervisor Corcoran:

With the recent interest by passenger cruise companies to land at the Milton Landing Pier, the fender system, which was previously removed from the construction scope for the pier reconstruction project, becomes an essential component to accommodate large vessels. As part of our ongoing discussions with the cruise companies, the cost for construction has been identified as a critical path item. It has been several years since an opinion of construction cost for the pier fender system has been prepared and, given the dynamic nature of construction materials costs and supply chain issues, it would be appropriate to prepare an updated engineers opinion of probable construction cost. In addition, the cruise companies have requested a variation in the configuration of the fender pile system at the north end of the pier which may necessitate a permit modification. We recommend we be authorized to make an inquiry to the New York State Department of Environmental Conservation and US Army Corps of Engineers to determine the feasibility of this request. Tighe & Bond, whose services are provided in New York by T&B Engineering & Landscape Architecture, PC, (Tighe & Bond) has enjoyed working with the Town on the Milton Landing Pier Restoration South project and is pleased to be able to continue to assist the Town. This amendment to services describes the additional scope and fee for work that will be completed to accommodate the construction change.

Scope of Services

We will complete the following tasks necessary to evaluate a reconfiguration of the northern fender piles, evaluate permit modification feasibility, and prepare an updated opinion of probable construction cost. Our services are described in more detail below and we will:

- Prepare schematic level drawings showing the modified configuration of the fender pile system for review by the permitting agencies, the Town and the cruise companies.
- Review the permitting modifications necessary to replace the currently permitted six (6) north timber piles with three (3) new steel piles and contact the permitting agencies with a request for modification based on the field condition. We assume re-permitting the pier will not be required and permit modifications can be obtained via written notice to the agencies and two follow up conference calls.
- Prepare a revised opinion of probable construction cost based current pricing for fender system components and identify the anticipated delivery schedule.
- Prepare a summary memorandum and have one meeting with the Town Board to review the updated fender system layout, anticipated costs, schedule and next steps.



Exclusions

Our scope of services does not currently include the following tasks which may become necessary based on the findings of the above scope of services. We can certainly provide these services as an amendment to this agreement:

- Marine geotechnical borings
- Design of new north fender piles
- Construction drawings and bidding documents
- New regulatory permits
- Bidding
- Construction Phase Services

Fee

Tighe & Bond will perform the scope of services noted above for a not to exceed fee of \$4,950. We will undertake this work on an hourly plus expense basis and you will be billed in accordance with the Company's standard billing rates. This work would be completed as an amendment to our current contract agreement dated August 2016.

If this amendment is acceptable, please sign below and return a copy to us. Should you have any questions, please contact Brandee Nelson at (845) 516-5803. We look forward to continuing to work with the Town to see this project through to completion.

Very truly yours,

T&B Engineering & Landscape Architecture, P.C.



Brandee K. Nelson, PE, LEED AP
Vice President
bnelson@tighebond.com

ACCEPTANCE:

On behalf of the **Town of Marlborough**, the scope, fee, and terms of this task are hereby accepted.

Authorized Representative

Date