

Service Order
Effective Date: November 25, 2024
Project No. AT18-3309

This Service Order is issued pursuant to and subject to the terms and conditions of the Professional Services Agreement (“Agreement”) between Town of North Topsail Beach, NC (“Client”) and Geosyntec Consultants of N.C., PC, dba ATM of NC (ATM) and its subsidiaries and affiliates (collectively “Geosyntec”) dated July 1, 2022, which is hereby incorporated herein by reference. Capitalized terms used in this Service Order are defined in the Agreement.

Project Name, Description and Location of Project Site: Town of North Topsail Beach, Potential Tropical Cyclone 8 (PTC-8) dune nourishment coordination.

Service Order Authorized Representatives:

For: Town of North Topsail Beach
Name: Alice Derian
Address: 2008 Loggerhead Court
North Topsail Beach, NC 28460
Telephone #: 910-328-1349
Email Address: sftisn#northtopsailbeachnc.gov

For Geosyntec:
Name: Eric Nesbit
Address: 941 Houston Northcutt Blvd., Suite 201
Mt. Pleasant, SC 29464
Telephone #: 843-414-1040
Email Address: enesbit@geosyntec.com

Scope of Services, Schedule and Compensation:

Geosyntec will perform the services (“Services”) at Client’s site located at North Topsail Beach, NC (“Project Site”), in accordance with the Scope, Schedule and Compensation set forth in Geosyntec’s offer to render services dated November 25, 2024 (“Offer”) and/or as described on separate pages attached to this Service Order as Exhibit A, and incorporated herein. For time and materials compensation, if a rate schedule is not included in the Offer or attached hereto, Geosyntec’s standard rates in effect as of the Effective Date above shall apply.

Basis of Compensation:

- on a time and materials basis subject to a budget of \$80,000 (for ATM tasks only) which will not be exceeded without Client’s advance written consent.
- on a lump sum basis in the amount of _____, subject to mutually acceptable equitable adjustments as the Services are amended.
- on a lump sum basis in the amount of _____ for Tasks ___ to _____ plus reimbursable expenses as set forth in the Offer or in Exhibit A.
- on a lump sum basis in the amount of _____ for Tasks ___ to _____ plus reimbursable expenses, and on a time and materials basis subject to an initial budget of _____ for Task _____, as set forth in the Offer or in Exhibit A.

Additional Terms and Conditions: None.

IN WITNESS WHEREOF, the Parties hereby accept the terms of this Service Order as executed by their duly authorized representatives, as follows:

Town of North Topsail Beach

Geosyntec Consultants of N.C., PC, dba ATM of NC

By: _____
Name: Alice Derian
Title: Town Manager
Date of Signature:

By: _____
Name: Eric Nesbit
Title: Vice President
Date of Signature:

List of Attachments: Exhibit A – Scope of Services and Rate Schedule



A Geosyntec Company

POST OFFICE BOX 20336
CHARLESTON, SC 29413-0336
(843) 884-8750 FAX (843) 884-8935
www.appliedtm.com

November 25, 2024

Ms. Alice Derian
Town Manager
2008 Loggerhead Court
North Topsail Beach, NC 28460

RE: Proposal for Coastal Engineering Services – Potential Tropical Cyclone 8 (PTC-8) dune nourishment coordination

Dear Ms. Derian:

ATM has developed the following scope of services for the Town of North Topsail Beach to work on FEMA mitigation for Potential Tropical Cyclone 8 (PTC-8). The ATM and TI Coastal team will build upon previous efforts for this project.

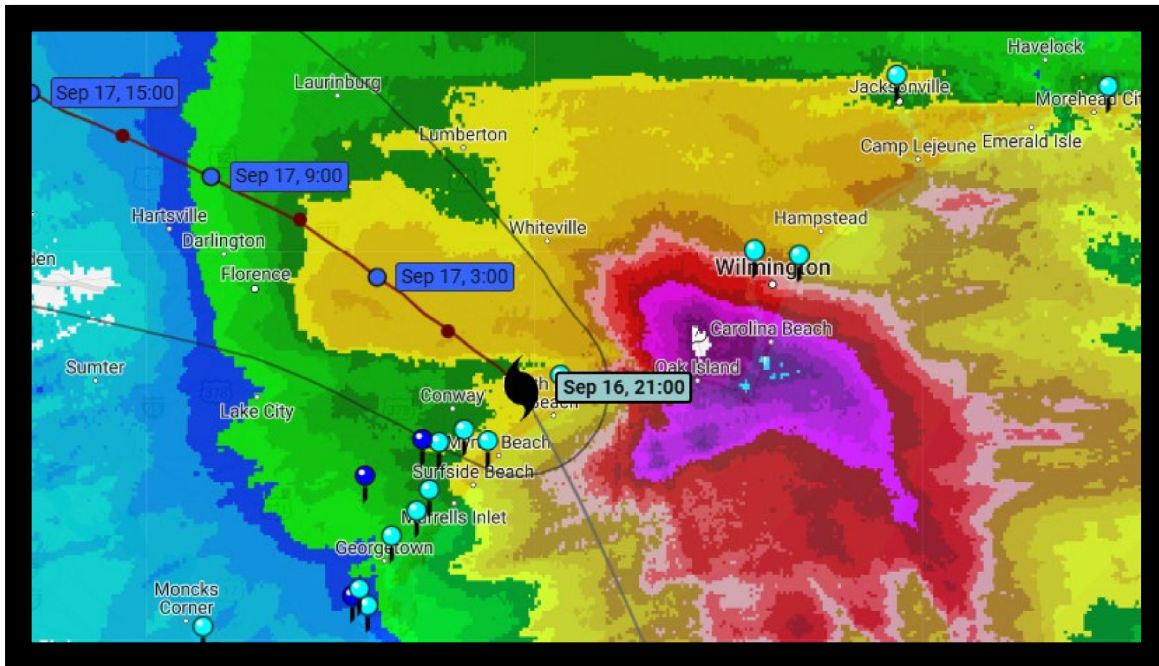


Figure 1: PTC-8 cumulative rainfall total.

Approximately 61,000 cy of FEMA mitigation has been calculated as a result of PTC-8. A truck haul is recommended as this amount of material is too small for a dredge project. Additionally, two upland sand mines are already permitted (eliminating any additional regulatory review and investigation costs for additional borrow areas).

Provided herein is a scope of services and cost estimate for the following tasks:

1. CAMA Permit Modification for PTC-8 Mitigation. While 61,000 cy has been estimated for FEMA mitigation, some additional volume will likely be included in the permitting for added flexibility. No USACE permit will be needed as mitigation will be upper beach and dune (USACE jurisdiction is waterward of spring mean high water).
2. Dune and Upper Beach Project Design (for permitting and construction purposes).
3. Bid Package Development and Bidding Support.
4. Post-Storm Survey Analysis. A memo summarizing the losses will be developed and coordination with FEMA and NCEM will also occur in this task.
5. Construction Administration.

NOTE – TI Coastal will also require daily construction surveying during the project and that effort is not included herein and will be contracted separately prior to project construction. TI Coastal will invoice separately from ATM invoices.

SUMMARY ESTIMATE OF PROFESSIONAL LABOR FEES

Table 1 presents the fee estimates for the described scope of services. All billing will be time and materials based on expended work effort.

Table 1: ATM Professional Fee Estimate

Task	Description	ATM Professional Fee Estimate ¹
1	Permit Modification	\$10,000
2	Dune and Upper Beach Mitigation Design	\$15,000
3	Bid Package Development	\$15,000
4	Post-Storm Survey Analysis	\$25,000
5	Construction Administration	\$15,000

1. Fee estimate includes labor and field equipment charges only, at ATM's 2024 Standard Rates.