



COASTAL PROTECTION ENGINEERING OF NORTH CAROLINA, INC

4038 MASONBORO LOOP ROAD

WILMINGTON, NC 28409

910-399-1905

July 22, 2020

Cliff Ogburn
Town Manager
Town of Southern Shores
5375 N. Virginia Dare Trail
Southern Shores, NC 27949

Re: Invoice for June 2020 and Project Update

Dear Mr. Ogburn:

This letter serves as an update to you and your staff on our progress with regards to task orders on which Coastal Protection Engineering of North Carolina, Inc. (CPE) is currently providing services to the Town of Southern Shores. Along with this update letter, please find attached the following Invoice:

Southern Shores 2020 Annual Monitoring and Initial Permitting Coordination

- **Invoice 358 – July 20, 2020**

Southern Shores 2020 Annual Monitoring and Initial Permitting Coordination:

This work is associated with the agreement executed on May 7, 2020 between CPE and the Town of Southern Shores. Invoice 358 reflects services completed through June 30, 2020. Task 1 services are associated with data acquisition for the 2020 annual monitoring surveys. On June 8, CPE and APTIM field crews mobilized to Dare County and began data acquisition. By June 15, all the beach profile data had been collected. By early July, data had been processed and data analysis had begun. At present, staff are working on the draft data acquisition report.

Task 2, which includes data analysis and the annual monitoring report, has not been authorized by the Town at this time.

Task 3 services include inter-agency coordination with regulatory agencies regarding the proposed 2022 project, as well as coordination with the Bureau of Ocean Energy Management (BOEM) to secure G&G permits for offshore sand resource investigation. As previously reported, CPE coordinated and lead a meeting of regulatory and resource agencies in late April and provided meeting minutes for that meeting on May 14.

With regards to the second part of Task 3, CPE worked with our sub-contractor APTIM, to conduct a desktop study of the offshore area to determine potential investigation areas for future sand resources. The report, which details the desktop study, was completed on May 29, 2020. BOEM Geophysical and Geotechnical (G&G) permit applications were developed and submitted to BOEM on June 5, 2020. After coordinating with



BOEM and making some updates to the application, a final package was submitted on June 17. At this point, we anticipate beginning the sand source investigations in August under the agreement between CPE and the Town executed July 13, 2020 for permitting and design.

Design and Environmental Permitting Services, 2022 Beach Nourishment Project:

This work is associated with the agreement executed on July 13, 2020 between CPE and the Town of Southern Shores and therefore, no invoice for this work is included with this letter. However, I do want to provide you an update on our progress. At present, we have begun developing environmental documentation associated with Task 1 and data collection associated with the modeling component of Task 2. During the beach monitoring data acquisition operations, CPE staff conducted the native beach sampling described in Task 4 and the rock clast surveys described in Task 5, of the scope of services.

At present, staff continues to work on the development of environmental documents for the project. Data gathering and formatting is currently taking place in preparation for the setup of the regional flow and wave numerical model. As far as Task 3, we have begun planning operations and expect mobilization of field crews in late August. We are still waiting on BOEM permits for the Geophysical and Geotechnical (G&G) investigations to be issued.

Please let me know if you have questions or comments on the invoice or project status.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ken Willson', written over a light blue horizontal line.

Ken Willson
Senior Program Manager
Coastal Protection Engineering of North Carolina, Inc.

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