



Agenda Item Summary Sheet

Item No: **G-2**
Meeting Date: **June 3, 2020**

Item Title: From May 6th Board meeting – Discussion of scope of work from Moffat & Nichol – Beach Nourishment Project Coastal Engineering and Design

Item Summary:

Attached please see professional service proposals from Moffat & Nichol related to the Beach Nourishment Coastal Engineering and Design Services and McKim & Creed for Beach Surveying Services. The fee proposals are being provided in response to the Request for Qualifications the Town had recently advertised. The Beach Monitoring Surveys, Summer 2020 submitted by McKim & Creed encompasses services necessary to complete the annual beach condition survey in accordance with the Town's Beach Monitoring and Maintenance Plan. The scope of work includes the base project data acquisition of 126 profiles in conjunction with additional transect information data acquisition north of the project area, south of the project area and within reaches 3 and 4. Acquisition of the additional survey information will provide a more comprehensive data set for modelling and planning of future nourishment projects.

The Year 1 (2020) Coastal Engineering and Consulting Proposal submitted by Moffat & Nichol divides the proposal into four main tasks: Task 1- Annual Beach Monitoring and Analysis (Year 1), Task 2-Beach Nourishment Master Plan (Year 1), Task 3-Coastal Storm Damage Mitigation Grant Application support and Task 4-Post-Dorian Beach Restoration Engineering Services.

Available funding can support the 2020 Beach Monitoring Survey and Tasks 1-3 of the Coastal Engineering Proposal. Task 4 will be considered at a later date, once the new Beach Nourishment Capital Budget Ordinance has been established.

Number of Attachments: 2

Specific Action Requested: Authorize the Town Manager to execute professional service contracts with McKim & Creed totaling \$63,100 and with Moffat & Nichol totaling \$279,499, (Tasks 1,2 and 3), upon review from the Town Attorney.

Submitted By: David Ryan, Town Engineer

Date: May 27, 2020

Finance Officer Comment: Budgeted funds from the current open beach nourishment capital project ordinance will be used to fund tasks 1-3. Capital monitoring, mitigation, and a beach study were all planned for and budgeted items under this current ordinance. No amendment is necessary; however, contract approval is requested for these items.

A new capital project ordinance for Hurricane Dorian beach nourishment restoration will be brought for Board consideration and approval along with task 4 contract approval tentatively set for July 1, 2020.

Signature: Amy Miller

Date: May 27, 2020

Town Attorney Comment:

Signature: John Leidy

Date: May 27, 2020

Town Manager Comment and/or Recommendation:

Signature: Cliff Ogburn

Date: May 27, 2020