

Exhibit 1 - Scope of Work
Sector 4 Dune Restoration Project
Late Season Sea Turtle Monitoring and Relocation Services

Introduction: Indian River County (COUNTY) has designed and obtained permits to restore dunes within Sector 4 (Project) - consistent with the “*Indian River County Beach Preservation Plan Update*”, adopted by the COUNTY in June 2020. The Project limits extend from Florida Department of Environmental Protection (FDEP) Reference Monuments R-55 (about $\frac{3}{4}$ mile south of the northern limit of John’s Island) to just south of R-70 (near Mariner Beach Lane - north of the County’s Tracking Station Beachfront Park). The COUNTY is expected to receive bids for Project construction in September 2024 – with construction to begin as soon as November 1, 2024. This Work Order is:

- for sea turtle monitoring and relocation of new turtle nests - to avoid construction impacts;
- required by the FDEP permit - to allow construction to start as soon as November 1, 2024;
- subject to Florida Fish and Wildlife Conservation Commission (FWC) acceptance.

The FDEP and U.S. Army Corps of Engineers (USACE) permits include conditions specifically allow construction to commence during the late portion of the sea turtle nesting season contingent upon the COUNTY performing sea turtle monitoring and relocation services – including as identified in the U.S. Fish and Wildlife Service (USFWS) “Revised Statewide Programmatic Biological Opinion” (SPBO) dated March 13, 2015. As identified in the Project Specifications in the Bid Package, the COUNTY is to provide for monitoring and relocation of Marine Turtles.

Construction is expected to occur between November 1, 2024 and April 30, 2025; Construction phase services by COASTAL TECH will be addressed in a separate Scope of Work and Work Order – expected to be considered by the COUNTY in concert with consideration of the construction contract award. The work is proposed to be performed by Coastal Technology Corporation (COASTAL TECH) with environmental support by Ecological Associates, Inc. (EAI).

Part 1 – Pre-Construction Phase Services

Task 1a - Marine Turtle Monitoring: Per FDEP Specific Condition 11 and SPBO “Measure” A9 and A10, COASTAL TECH will subcontract with EAI to:

- perform daily “early morning marine turtle nest surveys...65 days prior to beach placement” August 28, 2024 through November 30, 2024; and
- relocate up to 50 nests from the Project Fill Area “to a nearby self-release beach”, and barricade up to 20 nests.