

## EXECUTIVE SUMMARY

**Recommendation to approve a proposal from Humiston & Moore Engineers to provide professional engineering services for State required Annual Monitoring of Collier County Beaches and Inlets for 2023 under Contract No. 18-7432-CZ for time and material not to exceed \$52,004.00 and make a finding that this item promotes tourism (Fund 195, Project No. 90536).**

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**OBJECTIVE:** To move forward with the annual required beach and inlet monitoring surveys and reports for Collier County Beaches and Inlets for 2023.

**CONSIDERATIONS:** The Coastal Zone Management (CZM) Section is tasked with the maintenance and monitoring of over thirty (30) miles of coastline, beaches, estuaries, channels, and bays. CZM has specific goals, objectives, and criteria to meet as identified within the Collier County Growth Management Plan Land Development Code, and the Codes of Laws and Ordinances regarding the county's coastal aquatic resources. In order to meet these goals and objectives, CZM has been charged with a variety of programs including the implementation of beach re-nourishment and dredging projects, the artificial reef program, derelict vessel program, waterways marker program, as well as any related operations that are required to maintain the health, aesthetics, and safety of the county's coastal waterways and communities.

Yearly physical monitoring of the beaches and inlets is required by FDEP permit. Results of this report are used to evaluate, recommend, and prioritize annual beach segment renourishment.

The 2023 Annual Monitoring proposal is \$118,508.00 less than last year due to the majority of surveying having been completed by Aptim Environmental & Infrastructure, LLC as part of their Hurricane Ian Post-Storm Survey (PO 4500221699). Humiston & Moore Engineers will obtain the survey information from Aptim Environmental & Infrastructure, LLC and create their reports utilizing the finalized surveys.

**FISCAL IMPACT:** Funding in the amount of \$52,004.00 is available within Tourist Development Tax Beach Renourishment Fund (195), Project 90536 (County/Naples Beach Monitoring).

FDEP cost-share funding will be requested if eligible at a future date to reimburse Collier County for a portion of the completed work.

**GROWTH MANAGEMENT IMPACT:** There is no impact to the Growth Management Plan related to this action.

**ADVISORY COMMITTEE RECOMMENDATIONS:** This item will be presented to the Coastal Advisory Committee (CAC) on April 13, 2023, and the Tourist Development Council (TDC) on April 17, 2023.

**LEGAL CONSIDERATIONS:** This item is approved as to form and legality and requires majority vote for approval. – CMG

**RECOMMENDATION:** To approve a proposal from Humiston & Moore Engineers to provide professional engineering services for State required Annual Monitoring of Collier County Beaches and Inlets for 2023 under Contract No. 18-7432-CZ for time and material not to exceed \$52,004.00 and make a finding that this item promotes tourism (Fund 195, Project No. 90536).

Prepared By: Andrew Miller, P.E., Coastal Zone Management, Capital Project Planning, Impact Fees and Program Management Division