

EXECUTIVE SUMMARY

Recommendation to approve a professional services Work Order with APTIM Environmental and Infrastructure, Inc. for a not to exceed cost of \$44,202.60 under Contract 15-6382 to support Phase II of the Collier County Hurricane and Storm Damage Reduction (HSDR) Feasibility Study performed by the United States Army Corps of Engineers, approve all Budget Amendments and make a finding that this item promotes tourism (Project 80301).

OBJECTIVE: To provide technical support and program review during Phase II of the U.S. Army Corps of Engineers (USACE) Collier County Hurricane and Storm Damage Reduction (HSDR) Feasibility Study.

CONSIDERATION: An April 30, 1992, resolution adopted by the Committee on Public Works and Transportation, United States House of Representatives, in accordance with Section 110 of the River and Harbor Act of 1962, Public Law 87-874, authorized a survey of the shores of Collier County, Florida and adjacent shorelines, in the interest of hurricane protection, storm damage reduction, beach erosion control, and other related purposes. The Bipartisan Budget Act of 2018 (BBA), Public Law 115-123, enacted February 9, 2018, authorized the Federal Government to conduct the study at full Federal expense to the extent that appropriations provided under the Investigations heading of the BBA 2018 are available and use for such purpose.

On September 11, 2018, the Board approved (Item 16A26) the submittal of an agreement between the Department of the Army, US Army Corps of Engineers and Collier County for the Feasibility Shoreline Protection Study. On October 9, 2018, an agreement was executed between the County and the USACE to execute this study. This agreement will target the completion of the feasibility study within three years at a total cost of no more than \$3 million. After execution of the agreement, a Project Management Plan will be developed and agreed upon by Collier County, FL, and USACE.

On January 8, 2019, the Board approved (Item 16A20) for APTIM Environmental and Infrastructure, Inc. to provide the professional services for technical support, conceptual plan development and agency coordination to assure that Collier County's resiliency program, shoreline protection, and storm surge reduction goals are incorporated throughout this study and incorporated into the USACE preferred plan for agency approval. This activity was to continue through the submittal of the USACE preferred plan (Tentative Selected Plan) which is anticipated to occur in January/March 2020.

Phase II of this activity will allow continued analysis and development of the Tentative Selected Plan (TSP) through review and authorization.

FISCAL IMPACT: Funding is available in the TDC Fund (195), Project No 80366. Grant Funding for this activity may be solicited through the Florida Department of Environmental Protection.

ADVISORY COMMITTEE RECOMMENDATIONS: This item will be reviewed by the CAC and TDC at their January 2020 meetings.

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

RECOMMENDATION: To approve a professional services Work Order with APTIM Environmental and Infrastructure, Inc. for a not to exceed cost of \$44,202.60 under Contract 15-6382 to support Phase II of the Collier County Hurricane and Storm Damage Reduction (HSDR) Feasibility Study performed by the United States Army Corps of Engineers, approve all Budget Amendments and make a finding that this item

promotes tourism (Project 80301).

Prepared by: J. Gary McAlpin, P.E., Coastal Zone Management, Capital Project Planning, Impact Fees and Program Management Division