

WORKAUTHORIZATION No. 5

This Work Authorization is issued in accordance with the Engineering Services Contract, dated July 1, 2020, between Nueces County, Texas and Lockwood, Andrews & Newnam, Inc.

Work Task:

Included in this Work Authorization are the Work Tasks identified below per Attachment B, SERVICES TO BE PROVIDED BY ENGINEER of the Agreement, and the December 16, 2020 Supplement Agreement thereto,

Program Management of Bob Hall Pier demolition and reconstruction.

Clarifications and Assumptions:

- 1. None

Estimated Cost: \$705,424.00 as per Estimated Hours and Fee for Program Management Services herein attached and incorporated in its entirety.

Deliverables:

Program Management Services.

Completion Date: September 2023 as per latest Estimated Completion herein attached and incorporated in its entirety.

NUECES COUNTY

LOCKWOOD, ANDREWS & NEWNAM, INC.

Signed: [Signature]

Signed: [Signature]

By: Barbara Canales

By: John P. Grom

Title: County Judge

Title: Vice President

Date: May 19, 2021

Date: JUNE 10, 2021



Attest:

[Signature]
Nueces County Clerk

Engineer's Basic Assumptions

Project Scope, Project Cost, Project Work Schedule:

- 1) Provide Program Management services, as described by Attachment B to the Engineering Services Contract dated July 1, 2020, for the Project; described in the Jacobs Engineering report to Commissioners Court on December 2, 2020 (Item 1.F.1, and 3.A.4), and subsequent discussion. As approved by the Court on December 2, 2020, the Project option chosen among those presented, will Demolish the existing Pier and construct a new Pier.
- 2) The estimated cost of the Project follows:
 - a. Demolition of the existing pier: \$2,500,000.00
 - b. Construction of a new pier: \$10,500,000.00
 - c. Construction of concession facilities: \$1,500,000.00
 - d. Soft costs: \$3,500,000.00
- 3) The Project scope may include:
 - a. Demolition of the existing pier
 - b. Elevated structural pier to withstand a 100 year design storm
 - c. Provide batter piles to absorb storm wave loads
 - d. Concession and restroom facilities
 - e. Structural elements that resist the harsh marine environment with minimal maintenance
 - f. Improvements based on a robust public involvement process
 - g. Enhancements to the shape at the end of the Pier and intermittently along the Pier to improve the experience for fishing and visitors
 - h. The enhancements could include shade structures, benches and seating and expanded deck areas
 - i. Plaza area/public use area (open or covered gathering and event space) on the Pier adjacent to the restaurant and concession stand
 - j. An arrival/entry plaza connecting the Pier and the Padre Balli Park
 - k. New restaurant and concession facilities and operations
 - l. Fishing amenities
 - m. ADA accessibility improvements for parking and beach access
 - n. Parking Lot - Expanded erosion resistant parking areas for fishing and visitors*
*The design and construction of the Parking Lot Project scope is not funded by this Project and is shown here as presented to Commissioners Court. A separate funding source and separate Project has been authorized by the Court for the Parking Lot Project design and construction scope. The Parking Lot Project scope is designed under separate Agreement by Lockwood, Andrews & Newnam, Inc. and is therefore excluded from Program Management services.
- 4) The estimated schedule for the Project follows:
 - a. March 2021 – May 2021 – Public Participation Process
 - b. June 2021 – Commence design services
 - c. July 2022 – Commence Construction
 - d. September 2023 – Complete Construction
 - e. Note: Project permitting may affect the schedule assumptions above

Estimated Hours and Fee for Program Management Services:

Role	Estimated Hours per Year				Total Estimated Hours	Total Estimated Fee
	2021	2022	2023	2024		
Project Principal	72	60	60	50	242	\$ 66,550.00
QA/QC					-	\$ -
Senior Program Manager					-	\$ -
Senior Project Manager					-	\$ -
Program Manager	400	480	480	40	1,400	\$ 313,600.00
Project Manager					-	\$ -
Architect	160				160	\$ 31,040.00
Project Architect					-	\$ -
Engineer VII					-	\$ -
Engineer VI	320				320	\$ 84,480.00
Engineer V					-	\$ -
Engineer IV					-	\$ -
Engineer III					-	\$ -
Engineer II					-	\$ -
Engineer I					-	\$ -
GIS Analyst					-	\$ -
Senior Right of Way Agent					-	\$ -
Right-of-Way Agent					-	\$ -
Government Relations/Development					-	\$ -
Senior Program Coordinator					-	\$ -
Senior Inspector					-	\$ -
Inspector		360	320		680	\$ 88,400.00
Construction Manager		90	80		170	\$ 35,870.00
Technical Expert					-	\$ -
Project Administrator					-	\$ -
Project Coordinator	77	180	180	60	497	\$ 85,484.00
Senior Project Coordinator					-	\$ -
Administrative Assistant					-	\$ -
Total	1,029	1,170	1,120	150	3,469	\$ 705,424