



**Lockwood, Andrews
& Newnam, Inc.**

A LEO A DALY COMPANY

February 3, 2020

Scott Cross
Director
Nueces County Coastal Parks

Corpus Christi, Texas

Re: Proposal for Professional Services – IB Magee Retention Pond Restoration and Improvements

Dear Mr. Cross,

The purpose of this proposal is to provide you a scope of services and fee estimate for professional engineering services related to improvements to the retention pond restoration and other improvements at the IB Magee Beach Park in Port Aransas, Texas. The scope of the proposed professional services will consist of planning and design of the proposed improvements, bid phase and construction phase services.

Attachment A and B detail the scope of services required for this proposal. We propose to complete these services on a lump sum basis for total contract amount not-to-exceed \$62,312.00 and be substantially complete with design within 74 calendar days or 11 weeks as summarized in Attachment C and D.

Please feel free to contact me at 361-792-7225 or by email at smharris@lan-inc.com if you have any additional questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'S. Harris', with a long horizontal flourish extending to the right.

Scott Harris, PE
Regional Manager

Attachments:

- Attachment A – Services to be Provided by the County
- Attachment B – Services to be Provided by the Engineer
- Attachment C – Work Schedule
- Attachment D – Fee Schedule
- Exhibit 1 – Current and Future Restoration & Improvement Boundaries
- Exhibit 2 – Coastal Environments Inc.'s proposal dated 1/30/2020

ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY

County will provide access to County park and facilities for surveys and site inspections as needed.

County will provide all known reports, surveys, plans, specifications and other documents related to the proposed modifications and improvements.

County will assist with coordination with other engineering consultants and contractors working on other adjacent County projects.

County will assist with and pay for any Federal, State, County, and City permits and approvals that may be required.

County's natural resources specialist will assist during the planning, design and construction phase with determining the locations, requirements and inspections of existing and proposed wetlands, vegetation, habitats, boardwalks, trails, kiosks, bird blinds, signage and other proposed modifications and improvements.

County's survey consultant will perform a current topographic survey of the project limits including identification of existing utilities and structures, and will perform an updated survey of the retention pond to determine the volume of silt and debris that will have to be removed to restore the retention pond to its original condition.

County's ADA consultant will be responsible for the following.

- Will assist during the design phase to ensure proposed modifications and improvements comply with applicable ADA and TAS accessibility requirements.
- Perform required ADA and TDLR accessibility reviews and inspections during the design and construction phases of the project.
- Will register and submit all required paperwork to TDLR.

ATTACHMENT B

SERVICES TO BE PROVIDED BY THE ENGINEER

I.B. Magee Beach Park Retention Pond Restoration and Improvements

A. BACKGROUND:

Nueces County Coastal Parks sustained significant damage to the I.B. Magee Beach Park in Port Aransas, Texas during Hurricane Harvey on Friday, August 25th, 2017. The retention pond, adjacent wetlands, drainage ditch, boardwalk and surrounding area sustained significant damage and siltation due to the storm surge, heavy wind and rain during the hurricane event. The retention pond and boardwalk have been closed to the public due to this damage. The County proposes to restore the existing retention pond and drainage ditch to their original condition and has proposed various other improvements, specifically new trails (ex., wooden boardwalk), new vegetative plantings, kiosks and bird blinds. See Exhibit 1 for the boundary of the current proposed restoration and improvement limits.

B. BASIC SERVICES:

1. Lockwood, Andrews & Newnam, Inc.'s (LAN) basic services will be limited to the boundaries indicated in Exhibit 1. Coastal Environments Incorporated (CEI) will provide environmental design services as a subconsultant to LAN.
2. LAN proposes the Basic Service tasks listed below and further detailed in Exhibit 2 – CEI's basic services proposal. These tasks will be performed in sequential order.

- Task 1 – Planning & Site Investigation Services.
- Task 2 – Detailed Design Services
- Task 3 – Bid Phase Services
- Task 4 – Construction Phase Services
- Task 5 – Long-Term Monitoring

3. Task 1 - Planning & Site Investigation Services

a. Exhibit 1 indicates the limits for the current proposed restoration and improvements in Area C and the limits for future improvements in Area A and Area B. LAN will work with CEI and the Nueces County's natural resource specialist to develop a plan for current and future proposed improvements. The plans will identify the approximate locations of existing

and proposed wetlands, habitats, trails, bird blinds, kiosks and other proposed future improvements.

- b. LAN will perform one site visit to investigate the existing conditions.
- c. LAN will work with CEI to prepare exhibits for Area A, B and C showing the types and locations of the existing and proposed improvements.

4. Task 2 – Detailed Design Services

- a. The detailed design services will be limited to the Area A boundaries indicated in Exhibit 1.
- b. The design team will work with Nueces County’s natural resource specialist to determine the types, limits and locations of the following proposed restorations and improvements.
 - i. Restoration of existing retention pond
 - ii. Restoration of existing drainage ditch and outfall
 - iii. Wetlands (existing and proposed)
 - iv. Riparian habitats, vegetative plantings and necessary alterations to land features (existing and proposed)
 - v. Trails (ex., wooden boardwalks, decomposed granite, concrete, etc.)
 - vi. Wooden kiosks, bird blinds and benches
 - vii. Informational signage for installation at kiosks, bird blinds and trails (ex., information, graphics and images concerning types of habitats, plants, bird species, etc.)
- c. CEI will be responsible for identifying, preparing, submitting and obtaining required environmental permits, if any.
- d. CEI will be responsible for identifying and ensuring the design team’s services comply with applicable environmental regulatory requirements.
- e. The design team will design and prepare technical specifications, drawings and details for the restoration of the pond and proposed improvements, including: wetlands, habitats, vegetative plantings, kiosks, bird blinds, trails (ex., wooden boardwalks, decomposed granite, concrete sidewalks, etc.), benches, signage, site grading and temporary protective measures during construction. The following is the preliminary list of anticipated drawings.
 - i. Title Sheet
 - ii. List of Drawings, General Notes, Legend, Abbreviations
 - iii. Existing Utilities, Structures, Survey Control, and Topographic Survey (provided by County’s surveyor)
 - iv. Proposed Construction Limits, SWPPP, Temporary Protective Measures, and separate sheet(s) for associated details.
 - v. Proposed Demolition Plan.

- vi. Proposed Topographic and Drainage Modifications, Retention Pond Restoration and Layout of Trails, Kiosk, Bird Blind, Benches and Signage Improvements.
 - vii. Proposed plans and details for Vegetative Plantings.
 - viii. Proposed plans and details for Drainage, Retention Pond, Trails, Kiosk, Bird Blind, Benches and Signage.
- f. CEI will review the technical specifications, drawings and details prepared by LAN to ensure compliance with applicable environmental regulatory requirements and Nueces County’s natural resource specialist’s requirements.
 - g. The design team will prepare the drawings and specifications for temporary requirements during construction necessary to protect existing wetlands, habitats, etc. (ex., SWPPP, protective measures such as mats, etc.).
 - h. Attend one interim project review meeting at planning, 50% and 100% submittal stage with County to review plans, technical specifications, and OPCC, receive comments, identify and discuss any proposed County scope changes, and assimilate comments into final design phase.
 - i. The design team will prepare and update the Opinion of Probable Construction Costs (OPCC) at each design submittal stage. The design team will develop the proposed pay items and quantities for the County’s bid form.
 - j. The design team will coordinate with County’s ADA consultant to ensure proposed improvements are compliant with applicable ADA standards.
 - k. The design team will deliver the following design phase documents. See deliverables below.
 - i. Design Phase 50% Submittal: Table of contents with preliminary list of technical specifications, preliminary OPCC, and the following preliminary drawings with minimum information sufficient for County to review, comment and confirm locations, types, and sizes of proposed modifications and improvements, and sufficient for the County’s ADA consultant to review and comment on compliance with applicable State and Federal accessibility requirements.
 - List of Drawings
 - Existing topographic survey
 - Proposed Construction Limits, SWPPP, and Temporary Protective Measures
 - Proposed Demolition Plan
 - Proposed Topographic and Drainage Improvements, Retention Pond Restoration and Layout of Trails, Kiosk, Bird Blind and Signage Improvements

- Proposed Vegetative Planting Plan and details
 - Preliminary details for Trails, Kiosk, Bird Blind, Benches and Signage
- ii. Design Phase 100% Submittal: All technical specifications, drawings and details, and OPCC. Submitted for County’s review and comment, and for the County’s ADA consultant to review and comment on compliance with applicable State and Federal accessibility requirements.
- iii. Final/Issued for Bid Submittal: Provide final plans, specifications, bid form, and OPCC for bidding purposes.
1. Opinion of Probable Construction Cost (OPCC) – The design team will perform quantity take-offs and budgetary cost estimating to determine the OPCC for the proposed Phase 1 modifications and improvements. The OPCC will be made on the basis of the design team’s experience and qualifications and represent our best judgment as an experienced and qualified professional generally familiar with the industry.
- m. Project Management and Controls – The design team will provide internal project management and controls such as periodic progress and coordination meetings, status reporting, design services and manpower scheduling, project deliverables, and quality control based on the design team’s pre-established QC programs.
- n. Basic Services Deliverables – The following table summarizes the deliverables required during the course of the project. All submittals include PDF and black and white hard copies of the deliverable documents in the size and quantity indicated in the table below, unless noted otherwise. PDFs will be emailed or uploaded to DropBox or similar website. The County’s ADA consultant will be provided a PDF copy of the drawings only for each of the design phase submittals.

Submittal Item:	Submittal Description:
Planning Phase	Deliverable documents: Exhibits. 1. PDF copy of Exhibits 2. One (1) 11”x17” hard copy each Exhibit (in color).
Design Phase: 50% Submittal	Deliverable documents: Plans, TOC & OPCC 1. Drawings: One (1) set of 11”x17” 2. Specifications: One (1) set of 8.5”x11” 3. OPCC: One (1) 8.5”x11”
Design Phase:	Deliverable documents: Plans, Specifications, Bid Form & OPCC

100% Submittal	<ol style="list-style-type: none"> 1. Drawings: One (1) 11"x17" 2. Specifications: One (1) 8.5"x11" 3. Bid Form: One (1) 8.5"x11" 4. OPCC: One (1) 8.5"x11"
Final/Issued for Bid	<p>Deliverable documents: Plans, Specifications, Bid Form & OPCC</p> <ol style="list-style-type: none"> 1. Drawings: Two (2) 22"x34" 2. Specifications: One (1) 8.5"x11" 3. Bid Form: One (1) 8.5"x11" 4. OPCC: One (1) 8.5"x11"

5. Task 3 – Bid Phase Services

- a. Pre-bid Meeting – The design team will attend the pre-bid meeting to answer bidder questions.
- b. Bidder Question and Answers – The design team will review and provide recommended responses to bidder questions.
- c. Addendums – The design team will revise the drawings and/or specifications for up to two (2) addendums.
- d. Bid Tab – Prepare and review bid tab and provide recommendation letter.

6. Task 4 – Construction Phase Services

- a. Pre-construction Meeting – The design team will attend the pre-construction meeting.
- b. Progress Meetings – The design team will attend up to three (3) project-site periodic progress meetings and perform a project site visit before or after the meeting to observe and comment on the work progress. This is not to be confused with a full-time Resident Project Representative (RPR). LAN can perform this type of work if requested by the County, through a separate contract, if desired.
- c. Submittals – The design team will review and respond to submittals for conformance with the drawings and technical specifications including up to four (4) resubmittals.
- d. Requests for Information (RFI) – The design team will review and respond to up to four (4) RFIs.
- e. Change Orders – LAN will assist with the preparation of up to two (2) change orders authorized by the County.
- f. Substantial Completion Inspection – The design team will participate in the substantial completion inspection and will provide a list of punch list items requiring correction or completion by the contractor.
- g. Record Drawings – LAN will update the CAD files with the contractor's asbuilt drawings.

7. Task 5 – Long-Term Monitoring

- a. The design team will perform one (1) site investigation after substantial completion to determine if the contractor has been properly maintaining the new vegetative plants until the plants establish themselves.

C. ADDITIONAL SERVICES:

None.

D. EXCLUSIONS:

The following services are excluded from LAN's scope of work.

- Topographical, utility, and structure surveys, and survey control
- Utility investigation and utility permits
- City of Port Aransas and Water District permits.
- Texas windstorm certification
- USACE and TCEQ permits and approvals
- Floodplain development permits
- Dune protection permits
- Access driveway permits
- Protected species surveys
- Major invader species surveys
- Wildlife species surveys
- Cultural species surveys
- Essential fish habitat assessments
- Multi-year wetland mitigation monitoring plan and services
- Asbestos and hazardous material survey, abatement, permits and inspections
- County's ADA consultant is responsible for Americans with disabilities submissions and approvals, and for design phase reviews to assist with compliance with ADA standards.
- Geotechnical investigation and testing
- Material testing and inspection
- Modifications to existing utilities and new utilities
- Proposed ground water well.

E. SUMMARY OF FEES:

The following table summarizes the fees associated with each Basic Services Task:

Task	Proposed Fee
Task 1 – Planning & Site Investigation Services	\$6,839.00
Task 2– Detailed Design Services	\$27,562.00
Task 3 – Bid Phase Services	\$4,769.00
Task 4 –Construction Phase Services	\$19,943.00
Task 5 – Long Term Monitoring	\$3,199.00
Total Basic Services -	\$62,312.00

The following table summarizes the fees associated with each Additional Services Task:

Task	Proposed Fee
None	
Total Additional Services -	N/A

F. EXHIBITS:

Exhibit 1 – Current and Future Restoration & Improvement Boundaries

Exhibit 2 – Coastal Environments Inc.’s proposal dated 1/30/2020.

ATTACHMENT C

WORK SCHEDULE

The following table summarizes the anticipated work schedule and associated fees.

ITEM	PHASE	TASK	DESCRIPTION	RESP	ANTICIPATED				MAX. AMT. PAYABLE
					DURATION (CALENDAR DAYS)		SCHEDULE		
					ALL	LAN	START	END	
1	DESIGN	1	County authorizes LAN to proceed	NC			02/28/20		\$ 6,839
2			Planning & Site Investigation Phase	LAN	7 Days	7 Days	02/28/20	03/06/20	
3			County review & comment period	NC	7 Days		03/06/20	03/13/20	
4		2	50% design submittal	LAN	30 Days	30 Days	03/13/20	04/12/20	\$ 27,562
5			County review & comment period	NC	7 Days		04/12/20	04/19/20	
6			100% design submittal	LAN	30 Days	30 Days	04/19/20	05/19/20	
7			County review & comment period	NC	7 Days		05/19/20	05/26/20	
8			Final/Issued for Bid submittal	LAN	7 Days	7 Days	05/26/20	06/02/20	
SUBTOTAL - TASKS 1 & 2					74 Days				\$ 34,401
9	BID	3	County prepares bid package	NC	14 Days		06/16/20	06/30/20	\$ 4,769
10			County advertises project	NC	21 Days		07/21/20	08/11/20	
11			Bid due date	NC			08/11/20		
12			County awards project to Contractor	NC	21 Days		09/01/20		
13	CONSTRUCTION	4	Notice to proceed	GC	14 Days		09/15/20		\$ 19,943
14			Construction	GC	120 Days		09/15/20	01/13/21	
15			Substantial completion	GC			01/13/21		
16	LONG-TERM MONITORING	5	Long-term monitoring of plants	LAN	365 Days		01/13/21	01/13/22	\$ 3,199
SUBTOTAL - TASKS 3, 4 & 5									\$ 27,911
TOTAL - TASKS 1, 2, 3, 4 & 5									\$ 62,312

ATTACHMENT D

FEE SCHEDULE

The following table summarizes the design team's fees by Task for interim progress payments.

ITEM	DESCRIPTION	CONSULTANT	QUANTITY	RATE	AMOUNT	
TASK 1 - PLANNING & SITE INVESTIGATION SERVICES						
1	Planning and Site Investigation	LAN	1 LS	\$ 1,340	\$ 1,340	\$ 6,839
		CEI	1 LS	\$ 5,499	\$ 5,499	
SUBTOTAL - TASK 1					\$ 6,839	
TASK 2 - DETAILED DESIGN SERVICES						
1	50% Design Submittal	LAN	1 LS	\$ 8,255	\$ 8,255	\$ 9,665
		CEI	1 LS	\$ 1,410	\$ 1,410	
2	100% Design Submittal	LAN	1 LS	\$ 12,986	\$ 12,986	\$ 14,396
		CEI	1 LS	\$ 1,410	\$ 1,410	
3	Final/Issued for Bid Submittal	LAN	1 LS	\$ 2,091	\$ 2,091	\$ 3,501
		CEI	1 LS	\$ 1,410	\$ 1,410	
SUBTOTAL - TASK 2					\$ 27,562	
TASK 3 - BID PHASE SERVICES						
1	Attend pre-bid meeting	LAN	1 LS	\$ 753	\$ 753	\$ 1,599
		CEI	1 LS	\$ 846	\$ 846	
2	Review and respond to bidder Q&A	LAN	1 LS	\$ 473	\$ 473	\$ 896
		CEI	1 LS	\$ 423	\$ 423	
3	Prepare addendums	LAN	1 LS	\$ 673	\$ 673	\$ 1,801
		CEI	1 LS	\$ 1,128	\$ 1,128	
4	Prepare bid tabs & recommendation	LAN	1 LS	\$ 473	\$ 473	\$ 473
SUBTOTAL - TASK 3					\$ 4,769	
TASK 4 - CONSTRUCTION PHASE SERVICES						
1	Attend pre-construction meeting	LAN	1 LS	\$ 753	\$ 753	\$ 1,881
		CEI	1 LS	\$ 1,128	\$ 1,128	
2	Periodic on-site progress meetings and site observations	LAN	1 LS	\$ 2,828	\$ 2,828	\$ 9,596
		CEI	1 LS	\$ 6,768	\$ 6,768	
3	Review and respond to technical submittals	LAN	1 LS	\$ 1,140	\$ 1,140	\$ 1,563
		CEI	1 LS	\$ 423	\$ 423	
4	Review and respond to RFIs	LAN	1 LS	\$ 1,130	\$ 1,130	\$ 2,822
		CEI	1 LS	\$ 1,692	\$ 1,692	
5	Prepare change orders	LAN	1 LS	\$ 1,525	\$ 1,525	\$ 1,525
6	Perform substantial inspection	LAN	1 LS	\$ 1,133	\$ 1,133	\$ 2,261
		CEI	1 LS	\$ 1,128	\$ 1,128	
7	Record Drawings - Update CAD files with contractor's asbuilt drawings.	LAN	1 LS	\$ 295	\$ 295	\$ 295
SUBTOTAL - TASK 4					\$ 19,943	
TASK 5 - LONG-TERM MAINTENANCE INSPECTION						
1	Perform long-term maintenance inspection	LAN	1 LS	\$ 943	\$ 943	\$ 3,199
		CEI	1 LS	\$ 2,256	\$ 2,256	
SUBTOTAL - TASK 5					\$ 3,199	
TOTAL BASIC SERVICES - TASK 1, 2, 3, 4 & 5 (LUMP SUM)					\$ 62,312	

The following table summarizes LAN's fees by job title for all Tasks.

NO.	JOB TITLE	HOURLY RATE	TOTAL HOURS	TOTAL AMOUNT
1	PM / PE	\$ 185.00	18	\$ 3,331
2	Structural Engineer	\$ 185.00	4	\$ 740
3	Civil Engineer II	\$ 98.00		
4	Civil Eng./CM	\$ 190.00	132	\$ 25,080
5	GIS/CAD	\$ 100.00	63	\$ 6,300
6	Admin Asst.	\$ 50.00		
SUBTOTAL - LAN LABOR				\$ 35,451
SUBTOTAL - LAN EXPENSES				\$ 1,340
SUBTOTAL - LAN LABOR & EXPENSES				\$ 36,791
SUBTOTAL - SUBCONSULTANT				\$ 25,521
TOTAL LAN & SUBCONSULTANT				\$ 62,312

EXHIBIT 1

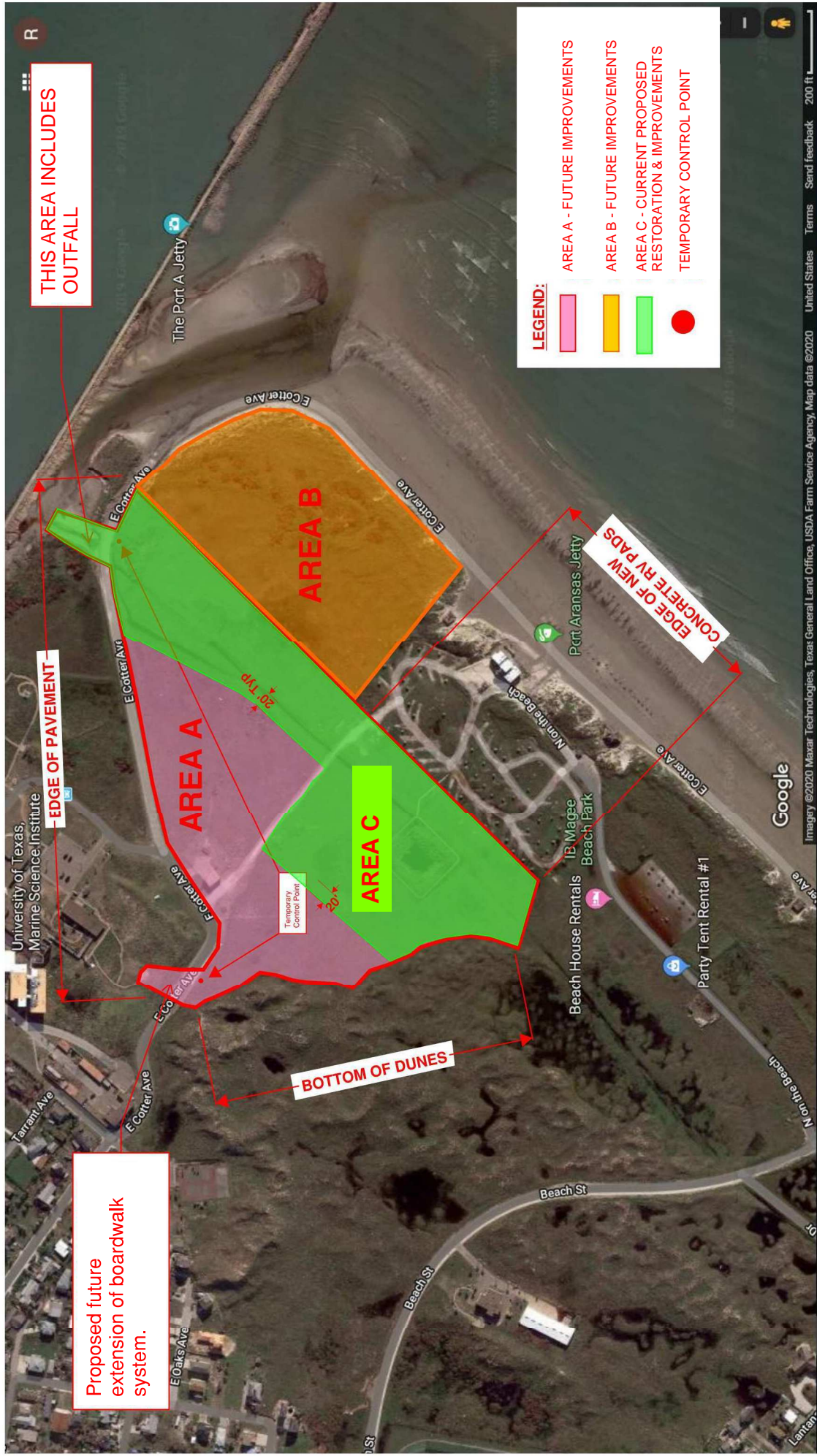
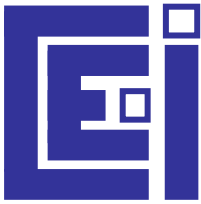


EXHIBIT 1 - LIMITS OF CURRENT RESTORATION & IMPROVEMENTS AND FUTURE IMPROVEMENTS (2/3/2020)

EXHIBIT 2



Coastal Environments, Incorporated

January 30, 2020

John Montalvo
Assoc. Senior Construction Manager
Lockwood, Andrews & Newman, Inc.
500 N. Shoreline Blvd., Suite 905
Corpus Christi, TX 78401

RE: Subconsultant Services Provided; I.B. Magee Beach Park Phase 1 Retention Pond Restoration & Other Improvements

Dear Mr. Montalvo,

Coastal Environments, Inc. (CEI) is pleased to submit this letter proposal for subconsultant professional services provided to Lockwood, Andrews & Newman, Inc. (LAN) related to the above referenced project. CEI's proposed services are detailed in Attachment A.

Key CEI personnel working on this project include Mark Dumesnil, M.S., Director of Restoration and Monitoring Division, and Cassandra (Sandi) Hart, Sr. Environmental Project Manager. Both key personnel cited above are officed in Corpus Christi, TX providing for ease of coordination and implementation of professional services.

Our current understanding is that LAN wishes to enter into a contractual agreement with Nueces County for the restoration and improved functioning of a stormwater retention pond located at the I.B Magee County Park on Mustang Island, as well as designing certain infrastructure improvements in order to facilitate park visitor usage and enjoyment.

We estimate our professional services fees not to exceed Twenty-three Thousand, Two Hundred and Ninety-eight Dollars (\$23,298.00) as detailed in the Attachment B fee schedule.

A more detailed proposal describing tasks and services follows.

Best regards,

Mark Dumesnil
Director of Restoration and Monitoring
Coastal Environments, Inc.

Services:

Applied Science
& Planning

Environmental
Restoration &
Monitoring

Cultural Resources
Management

Geographic
Information
Services (GIS)

Litigation Support

Website:

www.coastalenv.com

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ATTACHMENT A

Coastal Environments Incorporated Scope of Services

The following are CEI's proposed services which will be performed in phases in the sequential task order.

TASK 1 – Conceptual Planning & Site Investigation Phase

1. CEI will work with Nueces County's natural resource specialist and LAN to develop a conceptual plan for the future Area A and Area B and a detailed plan for the current Phase 1 area as indicated in Exhibit 1. The conceptual and detailed plans will identify the approximate locations of existing and proposed wetlands, habitats, trails, bird blinds, kiosks and other proposed future improvements.
2. CEI will perform one site visit to investigate the existing conditions.
3. CEI will prepare conceptual drawing exhibits for Area A, Area B and Phase 1 showing the types and locations of the existing and proposed improvements.

Task 2 – Design Phase Services

1. CEI's services will be limited to the Phase 1 boundaries indicated in Exhibit 1.
2. CEI will work with Nueces County's natural resource specialist to determine the types, limits and locations of the following proposed restorations, modifications and improvements.
 - a. Restoration of existing retention pond
 - b. Wetlands (existing and proposed)
 - c. Riparian habitats, vegetative plantings and necessary alterations to land features (existing and proposed)
 - d. Trails (ex., wooden boardwalks, decomposed granite, concrete, etc.)
 - e. Kiosks and bird blinds
3. CEI will be responsible for identifying, preparing, submitting and obtaining required environmental permits, if any.
4. CEI will be responsible for identifying and ensuring CEI's and LAN's design and services comply with applicable environmental regulatory requirements.
5. CEI will design and prepare technical specifications, drawings and details for wetlands, habitats and vegetative plantings.
6. CEI will work with Nueces County's natural resource specialist and LAN to develop the types and locations of signs, and the information, graphics and images necessary for the signage that will be located on the trails, kiosks and bird blinds.
7. CEI will review the technical specifications, drawings and details prepared by LAN to ensure compliance with applicable environmental regulatory requirements and Nueces County's natural resource specialist's requirements.
8. At each of the 50% submittal, 100% submittal and Final/Issued for Bid submittal design phase stages CEI will deliver PDF and electronic files (i.e., Microsoft Word and CAD) of CEI's technical specifications and drawings. LAN will furnish CEI with the CAD standards and drawing sheet border template.
9. CEI will assist LAN in identifying and preparing the drawings and specifications for temporary requirements during construction (ex., SWPPP, protective measures such as matts, etc.).
10. CEI will coordinate with LAN and attend occasional progress meetings during the design phase.
11. CEI will assist LAN with preparing and updating the Opinion of Probable Construction Costs (OPCC) at each design submittal stage. CEI will work with LAN to develop the proposed schedule of value pay items that will be incorporated into Nueces County's bid form. CEI will be responsible for performing quantity take-offs for each of pay items in CEI's scope (ex., each type of vegetative plants) and determining the probable construction cost for each pay item.

Task 3 – Bid Phase Services

1. CEI will attend pre-bid meeting if requested by the County.
2. CEI will assist with reviewing and responding to bidder questions, if any.
3. CEI will assist with preparing addendum changes to drawing and/or technical specifications, if any.

Task 4 – Construction Phase Services

1. CEI will attend pre-construction meeting if requested by the County.
2. CEI to attend period on-site progress meetings and perform site observations, if requested by the County, to determine if the contractor's work is in compliance with the contract requirements indicated in the technical specifications and drawings prepared by CEI.
3. CEI will review and respond to contractor submittals required per the technical specifications and drawings prepared by CEI.
4. CEI will review and respond to contractor requests for information (RFI), if any, related to the technical specifications and drawings prepared by CEI.
5. CEI to attend substantial inspection and prepare punch list if requested by County.

Task 5 – Warranty Phase Services

1. CEI to perform site visit(s) during the one-year warranty period, if requested by the County, to inspect the vegetative plantings to determine if the plants are being properly maintained and if the plants have established themselves.

ATTACHMENT B

Coastal Environments Incorporated Fee Schedule

ITEM	DESCRIPTION	QUANTITY	RATE	AMOUNT
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TASK 1 - CONCEPTUAL PLANNING & SITE INVESTIGATION PHASE SERVICES				
1	Conceptual Plan and Site Investigation	1 LS	\$ 8,547.00	\$ 8,547.00
TOTAL TASK 1 (LUMP SUM)				\$ 8,547.00

TASK 2 - DESIGN PHASE SERVICES				
1	50% Design Submittal	1 LS	\$ 2,088.00	\$ 2,088.00
2	100% Design Submittal	1 LS	\$ 2,088.00	\$ 2,088.00
3	Final/Issued for Bid Submittal	1 LS	\$ 1,410.00	\$ 1,410.00
TOTAL TASK 2 (LUMP SUM)				\$ 5,586.00

TASK 3 - BID PHASE SERVICES				
1	Attend pre-bid meeting	1 LS	\$ 846.00	\$ 846.00
2	Review and respond to bidder Q&A	1 LS	\$ 423.00	\$ 423.00
3	Prepare addendums	1 EA	\$ 1,128.00	\$ 1,128.00
TOTAL TASK 3 (NOT TO EXCEED BUDGET)				\$ 2,397.00

TASK 4 - CONSTRUCTION PHASE SERVICES				
1	Attend pre-construction meeting	1 LS	\$ 564.00	\$ 564.00
2	Periodic on-site progress meetings and site observations	3 EA	\$ 423.00	\$ 1,269.00
3	Review and respond to technical submittals	1 LS	\$ 2,256.00	\$ 2,256.00
4	Review and respond to RFIs	4 EA	\$ 141.00	\$ 564.00
5	Perform substantial inspection	1 LS	\$ 987.00	\$ 987.00
TOTAL TASK 4 (NOT TO EXCEED BUDGET)				\$ 5,640.00

TASK 5 - WARRANTY PHASE SERVICES				
1	Perform warranty period inspections	2 EA	\$ 564.00	\$ 1,128.00
TOTAL TASK 5 (NOT TO EXCEED BUDGET)				\$ 1,128.00

TOTAL ALL PHASES (NOT TO EXCEED BUDGET)				\$ 23,298.00
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Task 1 – Performed on a lump sum basis.

Task 2 – Performed on a lump sum basis with periodic payments for each stage as indicated in the fee table.

Task 3, 4 & 5 – Performed if requested by the County with payment for each item on a unit price basis with a not to exceed budget.