

ADDENDUM NO. 1

DATE:	SEPTEMBER 23, 2021
TO:	ALL BIDDERS
PROJECT:	ITB PW 57-21 – OKALOOSA ISLAND – SOUNDSIDE ACCESS NO. 2
BID TIME AND DATE:	3:15 PM LOCAL TIME, October 6, 2021 (NEW DATE & TIME)

The following items are hereby incorporated into the project manual, procurement documents, contract documents, plans and specifications:

ITEM NO. 1 – SECTION 00100 INSTRUCTIONS TO BIDDERS

The date and time to receive bids has been changed. Revise Article 15.03 of Document 00100 to read in part:

15.03 If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate package plainly marked on the outside with the notation "Okaloosa Island - Soundside Access No. 2", ITB PW 57-21" and the "September 29, 2021 3:00PM" "October 6, 2021 3:15PM". A mailed Bid or a bid delivered....

ITEM NO. 2 – SECTION 00100 INSTRUCTIONS TO BIDDERS

The last day for questions is hereby revised. Revise Article 7.01 of Document 00100 to read in part:

15.03 7.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to Purchasing in writing prior to last day for questions. The last day for questions will be 02:00 PM 10:00 AM local time on September 20 27, 2021 and shall be submitted on the Pre-Bid Question Form (Section 00150-1). Interpretations or clarifications considered necessary by...

ITEM NO. 3 – SECTION 00150 PRE-BID QUESTION FORM

Revise the top of this document to reflect:

Bid #: ITB PW 57-21 Bid Date and Time: October 6, 2021 at 3:15 PM local time

Question Deadline: September 27, 2021 at 10:00 AM local time

ITEM NO. 4 – SECTION 00410 BID FORM WITH ATTACHMENTS

New pay item #57 has been added to the bid form. Replace existing Page 00410-4 with the revised page 00410-4 included with this Addendum No. 1.

ITEM NO. 5 – SECTION 00410 BID FORM WITH ATTACHMENTS

There is a typo on Document 00410-Insurance Compliance Certification – Attachment "H", found on page 00410. Bidders to strike through "46-21" immediately following "Bid No. **ITB PW**" and in pen, write above "57-21."

ITEM NO. 6 - SECTION 00430 BID BOND

The Bid Due Date has been revised. Replace page 00430-1 with the revised page 00430-1 included with this Addendum No. 1.

ITEM NO. 7 - SECTION 00810 SPECIAL CONDITIONS

Revise SC-01 to read as follows:

SC-01: Contractor shall comply with the requirements of FDEP Permit No. 0383121-001-EI/46 (60 Pages) and USACOE Permit No. SAJ-2020-00468 (SP-HMM) (70 Pages). Annotated copies (with highlighting for emphasis) are found in Appendix A to this Section. Note – Drawings within the permits may be reduced. Further, in accordance with Permit 0383121-001-EI/46 Item #17, all CCA-treated pilings associated with the permitted activity shall be wrapped with impermeable plastic with a minimum of 30 mil thickness. The sleeves shall be installed concurrently with the installation of the pilings, shall extend from at least 6 inches below the level of the substrate to at least 2 feet above the mean high-water line. These costs should be incorporated in the appropriate Bid Items (11, 12, 13 and 14).

ITEM NO. 8 - DRAWING SHEET NUMBER 8

Add the following Note No. 9 to the General Notes on Sheet Number 8 (note – a revised drawing will not be issued at this time reflecting this change):

9. There is no warranty period for the existing palm trees which are to be relocated.

ITEM NO. 9 - DRAWING SHEET NUMBERS 13 AND 14

The following describes the changes indicated on SHEETS 13 and 14. The length of the proposed gangway has been increased from 16 feet to 36 feet to meet ADA requirements. Measurement and payment for the ramp will be included in Bid Item No. 14 ADA Kayak and Canoe Launch. The wood cap along the 57 feet of replacement bulkhead along the southern edge of the basin will be replaced with a reinforced concrete pile cap. Measurement and payment will be on a linear foot basis and will be included in Bid Item No. 57. Elevation of the western wave attenuator raised to +4.5 feet NAVD 88 to be consistent with the eastern wave attenuator. "Caution Boaters" manatee sign added to western wave attenuator. Measurement and payment of the manatee sign will be included in the Bid Item No. 13 Wave Attenuators (east and west).

Replace existing Sheet Nos. 13 and 14 with revised sheets 13 and 14 marked Addendum 1. The changes have been identified by a revision cloud.

ITEM NO. 10 - DRAWING SHEET NO. 19 TECHNICAL SPECIFICATIONS (1 OF 2)

Revise Sheet No.19 to add the following item 5.23 to Section 5.0 Submittals (note – a revised drawing will not be issued at this time reflecting this change):

5.23 Kayak Launch and Gangway

The Contractor shall submit signed and sealed Shop Drawings with specifications to the Engineer for review and approval. The contractor is responsible for the design-build of the kayak launch and gangway as shown in the Construction Drawings and Technical Specifications.

ITEM NO. 11 - DRAWING SHEET NO. 20 TECHNICAL SPECIFICATIONS (2 OF 2)

Revise Sheet No. 20 to add the following specification (note – a revised drawing will not be issued at this time reflecting this change):

- 19.0 Concrete Pile Cap
- 19.1 Formwork

Formwork shall be constructed in a neat, workmanlike manner and shall be free of all debris and foreign matter prior to concrete pour. The CONTRACTOR shall construct formwork and shoring to the level necessary to support the weight of casting. At no time during casting shall the formwork fail, shift, bulge or leak excessive amounts of concrete. Edges of the pile cap shall be chamfered 3/4" unless noted otherwise.

19.2 Concrete

The concrete for the pile cap shall be 5,000 psi with a maximum water to cement ratio of 0.4. Maximum aggregate size shall be 3/4" diameter and shall conform to ASTM C33. Concrete

shall be placed, finished, and cured in accordance with ACI 318 and the Portland Cement Association's Design and Control of Concrete Mixtures. A minimum of one 28-day compressive test per ASTM C39 shall be performed for each batch of concrete delivered to the site documenting the concrete meets the requirements contained in these SPECIFICATIONS.

19.3 Steel Reinforcement

Reinforcement shall consist of Grade 60 (ksi) steel conforming to ASTM A615. Reinforcement shall be placed in accordance with ACI 318 and ACI 117 Tolerances for Concrete Construction and Materials. Lap splice for reinforcement shall be not less than 44 bar diameters for reinforcement bar sizes less than #6 and 55 bar diameters for reinforcement bar sizes #7 and greater. Welds in accordance with American Welding Society AWS D1.4 Structural Welding Code – Reinforcing Steel may be used in lieu of lap splices.

19.4 All concrete shall be placed in single vertical lifts without construction joints along the height of the wall. Expansion joints shall be placed at intervals not to exceed 100 feet. Expansion joints shall be used as construction joints, and the CONTRACTOR shall plan concrete pours accordingly. CONTRACTOR shall submit SHOP DRAWINGS and details of expansion and construction joints for approval by ENGINEER. Expansion and construction joints shall be placed such that they fall midway between two anchor rods and at least 50 feet from corners or direction changes.

ITEM NO. 12 - DOCUMENT 01010

A measurement and payment section has been added to Document 01010. Replace existing Document 01010 with revised Document 01010 marked Addendum 1 (11 pages) and included with this addendum.

ITEM NO. 13 - OTHER

- 1. There may be a cost from Gulf Power for making ready the feed to the new electrical service location. If so, the COUNTY will bear that direct cost from Gulf Power. The Contractor will be responsible for coordinating the required work with Gulf Power.
- 2. A roster of attendees to the Pre-Bid meeting held September 14th is attached for bidder's convenience but is not a part of this Addendum.

RECEIPT OF THIS ADDENDUM <u>SHALL BE ACKNOWLEDGED</u> BY WRITING THIS ADDENDUM NUMBER AND DATE IN THE SPACE PROVIDED ON DOCUMENT 00410-8, *ADDENDUM ACKNOWLEDGEMENT – ATTACHMENT "A".*

<u>/s/ Roy Petrey</u> Roy Petrey, P.E. Project Manager

ltem	Description	Quantity	Unit	Unit Cost	Sub-Total
29	FDOT Type "C" DBI (Modified)	1	EA		
30	FDOT Type "C" DBI	2	EA		
31	Concrete Flumes	16	S.Y.		
32	Filter Fabric - Flume and Erosion Control	86	S.Y.		
33	Rip-Rap (FDOT Code 33) - Flume and Erosion Control	22	Т		
34	Base, Subgrade, and Asphalt Pavement	2,046	S.Y.		
35	Concrete Sidewalk - New and Replacement	405	S.Y.		
36	Curb and Gutter - FDOT Type "D"	490	L.F.		
37	Curb and Gutter - FDOT Modified Type "F"	927	L.F.		
38	Detectable Warning	48	L.F.		
39	Chain Linked Fence - 6' High Black Vinyl Coated	400	L.F.		
40	Shadow Box Fence - 6' High	1,020	L.F.		
41	Signage and Striping	1	L.S.		
42	Parking Lot Lighting - Design/Build	3	EA		
43	Entrance Gate - UPSWING MB832	1	EA		
44	Bike Rack - Belson Outdoors Model No. CHP-5-1G-S	1	EA		
45	Relocate Cabbage Palms	5	EA		
46	Salt Meadow Cordgrass (4 in.) - Living Shoreline	1,102	EA		
47	Smooth Cordgrass (4 in.) - Living Shoreline	649	EA		
48	Yaupon (15 gal.) - Landscape Vegetation	6	EA		
49	Sand Live Oak (30 gal.) - Landscape Vegetation	5	EA		
50	Cabbage Palm - Landscape Vegetation	12	EA		
51	Saw Palmetto (3 gal.) - Landscape Vegetation	73	EA		
52	Parsons Juniper (1 gal.) - Landscape Vegetation	106	EA		
53	Sand Cord Grass (1 gal.) - Landscape Vegetation	320	EA		
54	Salt Meadow Cordgrass (4 in.) - Landscape Vegetation	1,528	EA		
55	Bermuda Grass - Landscape Vegetation	2,910	S.Y.		
56	Permanent Irrigation System - Design/Build	1	L.S.		
57	Reinforced Concrete Pile Cap	57	L.F.		
	ump Sum; C.Y. = Cubic Yard; S.Y. = Square Yard inear Foot; S.F. = Square Foot; T = Tons; EA = E		Total B	ase Bid:	

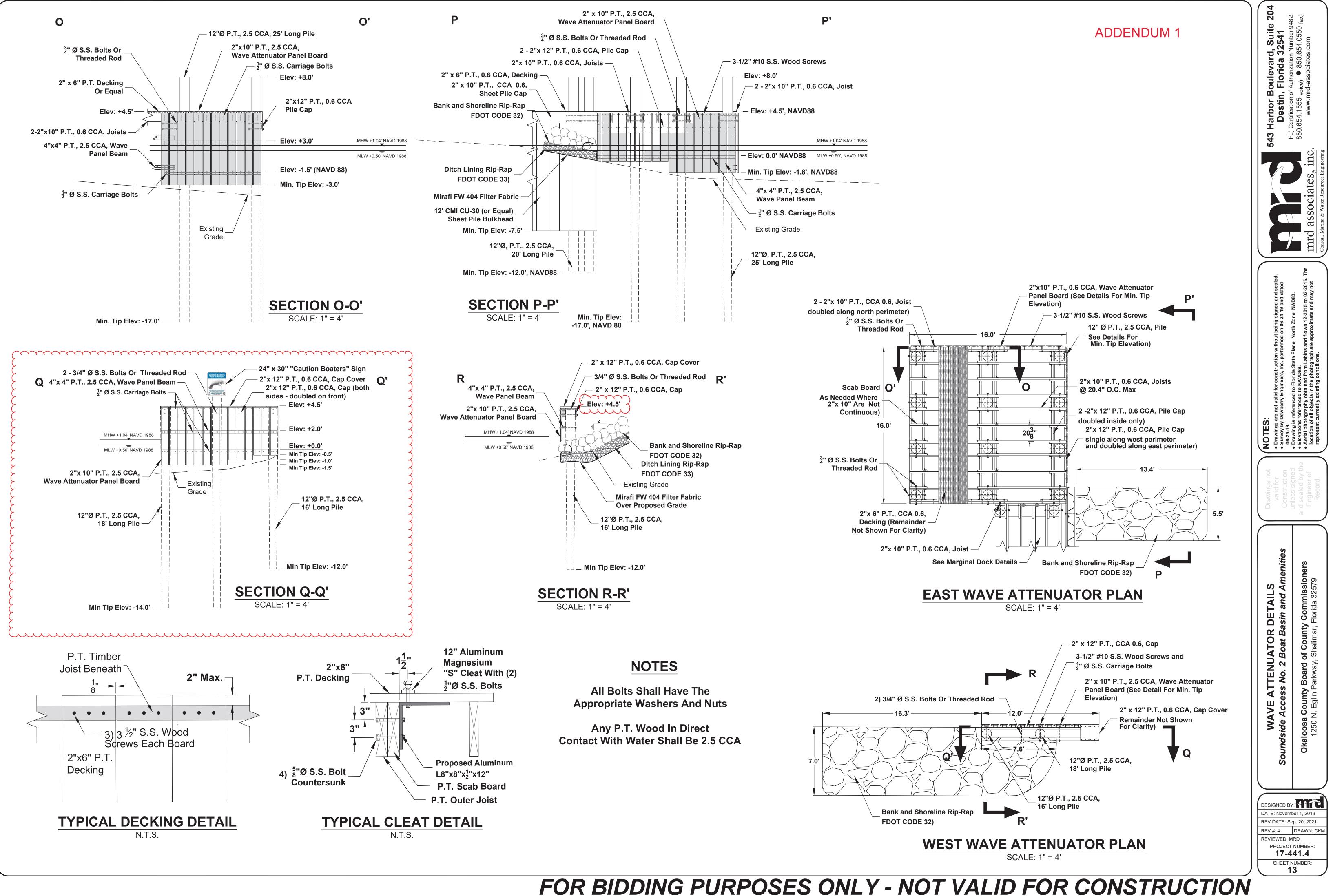
ADDENDUM No. 01

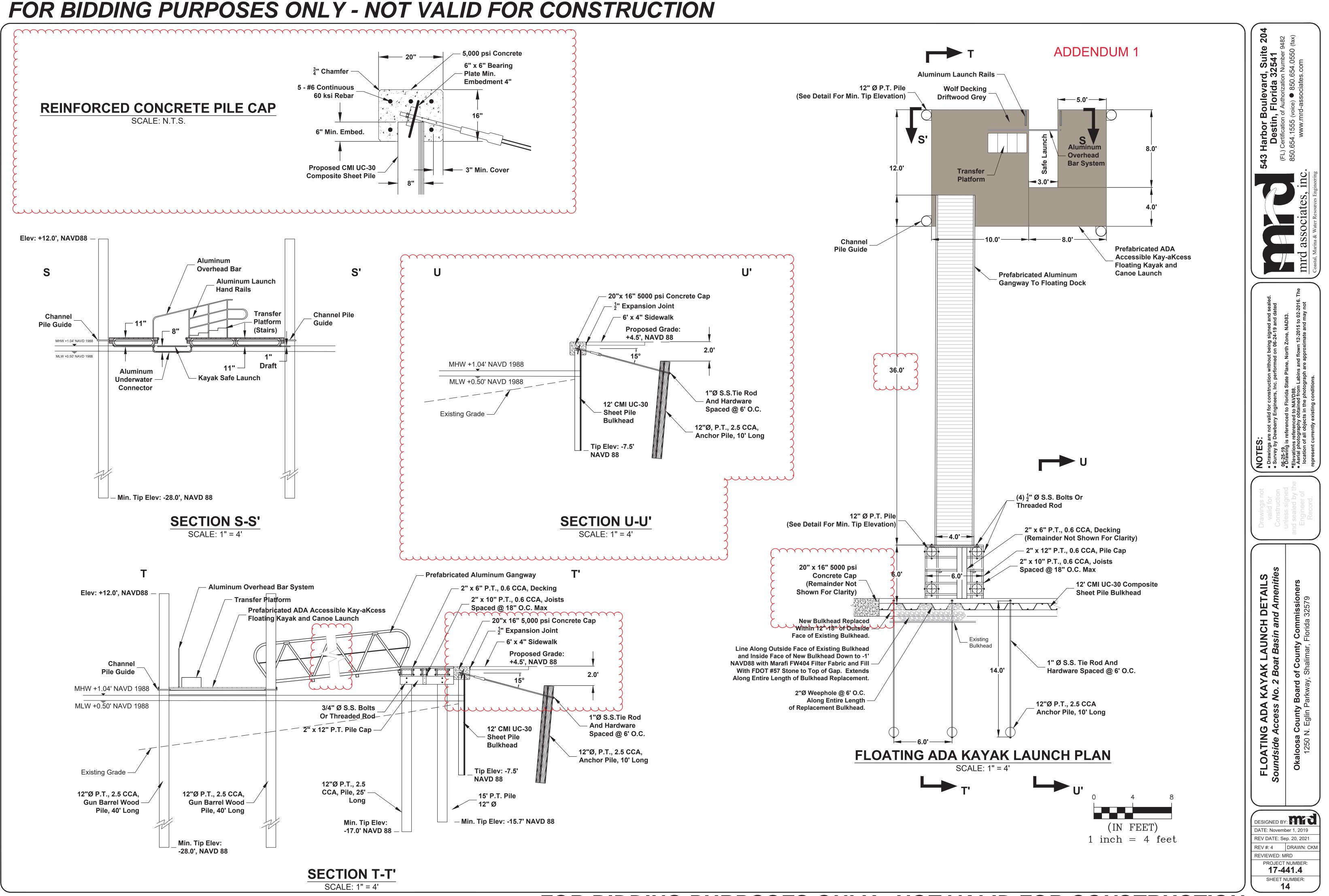
		ADDENDUM NO. 1	
DOCUME	NT 00430 – BID BOND		
Any singu	llar reference to Bidder, Surety, Owner or other pa	rty shall be considered plural where applicable.	
BIDDER (I	Name and Address):		
CLIDETV /	Name, and Address of Principal Place of Business):		
3011211 (/	Nume, and Address of Frincipal Flace of Businessj.		
OWNER ((Name and Address):	Okaloosa Board of County Commissioners	
		1250 N. Eglin Parkway	
		Shalimar, FL 32579	
BID			
	Bid Due Date:	October 6, 2021	
	Description (<i>Project Name— Include Location</i>):	Okaloosa Island - Soundside Access No. 2	
DOND		(Fort Walton Beach, FL)	
BOND	Bond Number:		
	Date:		
	Penal sum:		
	(Words)	(Figures)	
Surety an	, , , , , , , , , , , , , , , , , , ,	bject to the terms set forth below, do each cause this	
•	to be duly executed by an authorized officer, agen		
BIDDER		SURETY	
Contractor'	/s Name and Corporate Seal	(seal) Surety's Name and Corporate Seal	
Contractor		Surety's Name and Corporate Sear	
Bv:		Ву:	
Signatu		Signature (attach power of attorney)	
Print Name		Print Name	
Title		Title	
Attest:		Attest:	
Si	ignature	Signature	
Title		Title	
Noto: Ad	draces are to be used for giving any required petie	•	

Note: Addresses are to be used for giving any required notice.

Provide execution by additional parties, such as joint venturers, if necessary.

FOR BIDDING PURPOSES ONLY - NOT VALID FOR CONSTRUCTION





FOR BIDDING PURPOSES ONLY - NOT VALID FOR CONSTRUCTION

DOCUMENT 01010 - SUMMARY OF WORK WITH MEASUREMENT AND PAYMENT

PART 1 - GENERAL

- 1.01 Work Covered by the Contract Documents
 - Α. The proposed activities are located within a man-made basin. The proposed improvements include: new 1,116 sq. ft. marginal wood dock with 256 sq. ft. pier along the east side replacing a 2,215 sq. ft. dilapidated dock; new 246 feet of sheet pile bulkhead along the east and south sides replacing 483 feet of dilapidated bulkhead (the western 237-ft. bulkhead will be removed to construct the living shoreline); removal of existing vegetation species "phragmites"; installation of 3,936 sq. ft. of living shoreline with native vegetation spartina patens above the 1-ft. contour line and spartina alterniflora below the 1-ft. contour line) and oyster bag breakwaters (350 bags at 5 feet long, 1 foot wide, and 10 inches tall); and installation of 2,511 sq. ft. of spartina patens behind the eastern bulkhead. The 38-ft. long east attenuator will be replaced with a 29-ft. structure and the 37-ft. west wave attenuator will be replaced with a 12-ft. structure within the existing footprint. Approximately 73 sq. ft. (5.4 cu. yds.) of rip-rap revetment will be placed at a 2H:1V slope along the eastern shoreline adjacent to the east wave attenuator, and approximately 153 sq. ft. (11.3 cu. yds.) of rip-rap revetment will be placed at a 2H:1V slope west of the west wave attenuator. An ADA accessible 216 sq. ft. floating kayak and canoe launch will be placed in the south center of the basin that will attach to a 36 sq. ft. fixed dock to support connection to a 16-ft. long gangway.

Upland improvements include: an 18,409 sq. ft. parking lot and roadway with 20 parking spots (2 of which are ADA accessible) including curb and gutter, signage, striping, lighting, and entrance gate, as well as an additional 3,605 sq. ft. of sidewalk constructed upland between Santa Rosa Blvd. and the man-made basin. Approximately 11,369 sq. ft. of pervious land will be regraded to construct a series of interconnected stormwater management basins with pipes, water control structures, and an outfall into Santa Rosa Sound.

- B. The project includes the seaward demolition of an existing marginal dock, piles, bulkhead, and wave attenuators. These will be replaced by a living shoreline, ADA kayak launch, bulkhead, wave attenuators, rip rap, and marginal dock with pier. Upland improvements include the grading and construction of a parking lot, sidewalk, curb and gutter, as well as an interconnected stormwater management system. Additional improvements include landscaping, fencing, and lighting..
- 1.02 Work Sequence
 - A. The work sequence will be determined by the CONTRACTOR and will incorporate Utility Work Schedules provided in the Supplemental Conditions.
- 1.03 Contractor's Use of Premises
 - A. The CONTRACTOR use and responsibilities of premises as shown on the construction drawings.
 - B. CONTRACTOR shall assume full responsibility for safety at the work site for all workers and visitors.
 - C. The CONTRACTOR shall send proper notices, make all necessary arrangements, and perform all services required in the care and maintenance of all public utilities within the construction limits.

PART 2 - MEASUREMENT AND PAYMENT

2.1 SUMMARY

- A. This section includes requirements for the basis of measurement and payment. The Contractor shall receive and accept the compensation provided in the Bid Schedule as full payment for furnishing all materials, labor, tools, and equipment for performing all operations necessary to complete the Work under the Contract. Payment for all loss or damages arising from the nature of the Work, or from the action of the elements or any unforeseen difficulties, encountered during the Work until final acceptance by the Owner is also included in the compensation provided in the BID SCHEDULE.
- B. Bid prices for the various work items are to establish a total price for completing the project in its entirety. The Contractor shall include in the Bid, any item for which a separate pay item has not been established in the Bid Schedule, to reflect the total price for completing the project in its entirety, as depicted in the Construction Drawings, Specifications, and Bid Schedule. Unless there is a specific line item for administrative costs (e.g., Project Management, Quality Control and Safety), Contractor shall allocate such costs proportionally across all line items. The Contractor's Bid Schedule must include all costs to complete all work, in total, designated in the Construction Drawings, Specifications, and Bid Schedule.

2.2 SUBMITTALS

The following submittals shall be submitted in accordance with contract requirements prior to the start of construction.

- A. Schedule of Values
 - 1. The Contractor will submit a printed Schedule of Values on Contractor's standard form in electronic printout for review and approval prior to the first Payment Application by the Engineer. List payment items sequentially in the same order as they appear in the Bid Schedule.
 - 2. Lump Sum items are to have adequate breakdown of components to facilitate evaluating completeness for payment by the Owner. Breakdown components shall appear directly under the payment item heading to which they apply.
 - 3. The Contractor will revise the Schedule of Value to list approved Change Orders with each Application for Payment. The Contractor will submit the revised Schedule of Values in accordance with this specification.
- B. Construction Schedule

The Contractor will submit a Construction Schedule in the form of a progress chart. The Contractor shall indicate on the progress chart the bid items contained in the contract, showing the amount of the item and its relative weighted percentage of the total contract. The Contractor may separate features of work under each item to show salient work elements such as procurement of materials, equipment, and supplemental work elements such as excavation, etc.

All Submittals shall be submitted in accordance with contract requirements during the construction period.

2.3 MEASUREMENT

A. Measurement for Payment for this Project shall be based on completion of the Work in accordance with the Construction Drawings and Specifications for each of the items. Field measurements will determine the percent complete of work components when listed on the approved Schedule of Values. Measurements will be made using linear, area, volumetric units, or by unit quantities, as listed on the BID SCHEDULE for unit quantity items and at the Engineer's sole discretion for Lump Sum items.

- B. The Contractor will assist the Owner by providing necessary equipment, workers, and personnel as required.
- C. Unit Measurement: Measured by the number of units installed.
- D. Linear Measurement: Measured by linear dimension, at the item centerline or mean chord, in feet and hundredths of a foot.
- E. Measurement by Area: Measured by square dimension using mean length and width or radius, in feet and hundredths of a foot.
- F. Measurement by Volume: Measured by cubic dimension using mean length, width and height or thickness, in feet and hundredths of a foot.
- G. Stipulated Sum/Price Measurement: Items measured by weight, volume, area, or linear means or combination, as appropriate, as a completed item or unit of the Work.
- 2.4 BASIS FOR PAYMENT
 - A. Unless indicated on the Contract Documents, all work indicated on the Construction Drawings and specified in the Bid Documents and Contract shall be included in the Contract Sum indicated on the Bid Schedule.
 - B. Prices stated in the Bid Schedule shall include all costs and expenses for taxes, labor, equipment, insurance, materials, commissions, transportation charges and expenses, patent fees and royalties, labor for handling materials during inspection, together with any and all other costs and expenses for performing and completing the Work as depicted on the Construction Drawings and in the Specifications. The basis of payment for an item in the amount shown in the Bid Schedule shall be in accordance with the description of that item provided in this Section.
 - C. The Contractor's attention is again called to the fact that the quotations for the various items of work are intended to establish a total price for completing the Work in its entirety. Should the Contractor feel that the cost for any item of work has not been established by the Bid Form or Payment Items, the Contractor shall include the cost for that work in another applicable bid item, in order that the Proposal for the project reflects the total price to be paid by the Owner for completing the Work in its entirety.
 - D. Changes in the Contract Price and Contract Time require prior authorization in writing from the Owner, in the form of a Change Order or Work Change Directive. The Contractor is responsible for verification of all bid quantities and to report to the Owner any discrepancies found prior to ordering materials and/or equipment for construction.
 - E. The various major items of Work will be paid for either by 1) the quantity of the actual Work complete by the Contractor and accepted by the Owner multiplied by the unit price or 2) the lump sum amount indicated for each Bid Schedule Item. The Work shall include all miscellaneous and ancillary items necessary to construct a complete and functional Project.
- 2.5 SCHEDULE OF VALUES
 - A. The below descriptions generally outline the Scope of Work required for those elements of the Work to be paid for under each item listed in the Schedule of Bid Items. The Contractor shall submit a Schedule of Values and shall be consistent with the contract requirements prior to the start of construction.
- 2.6 PAYMENT ITEMS
 - A. Basis of Payment for Unit Price Items
 - 1. Quantities indicated in the Bid Schedule are for bidding and contract purposes only. Quantities and measurements supplied or placed in the Work and verified by the Owner determine payment.

- 2. If the actual Work requires more or fewer quantities than those quantities indicated, the Contractor will provide the required quantities at the unit prices contracted.
- 3. If the actual Work requires a fifty percent (50%) or greater change in quantity than those quantities indicated, the Owner or Contractor may claim for a Contract Price adjustment for that item.
- B. Basis of Payment for Lump Sum Items
 - 1. Payment for lump sum items for this Project will be made at the lump sum price named in the Contract. The contract price shall constitute full compensation for each item, including all required labor, products, tools, equipment, plant, transportation, services and incidentals, erection, application, or installation of an item of the Work, overhead and profit as required to complete the item as indicated in the Construction Drawings and Specifications.
- C. Progress Payments
 - 1. The Schedule of Values will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to the Engineer. Progress payments on account of Unit Price Work will be based on the number of units completed and verified during the pay period.
 - 2. Final payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities accepted by the Owner multiplied by a unit price of the item. Final payment for unit price Work will be accomplished by reconciliation Change Orders to adjust quantities at the end of the Project.
 - 3. No payment, partial or complete, will be made for defective or rejected Work. The Contractor will not receive payment for any work installed outside limits or locations of the of the work as indicated in the Construction Drawings.
 - 4. No separate payment will be made for additional labor and materials required for accomplishing the Project in its entirety. All labor, materials, and incidental costs shall be included for payment as part of the Proposal and the Contract, under the several scheduled items of the Project.
- 2.7 DESCRIPTION OF WORK ITEMS AND SCHEDULE OF VALUES
 - A. The following Work items are described in order to assist the Contractor in the preparation of the Proposal and to assist the Owner in the evaluation of Bids and evaluation of progress payments during construction. The Contractor shall submit a Schedule of Values containing the work components of each Bid Item of the Proposal for approval prior to the first Payment Application for Payment for work in progress.
 - B. No separate payment will be made for any testing and/or surveying performed to complete the Work; costs for testing and/or surveying (as applicable), are included in the cost to complete the work item.
 - C. Submittals are considered part of the Contractor's administrative and overhead costs. The Contactor will not be compensated separately for submittals required by these specifications or those listed on the Construction Drawings.
 - D. Separate payment will not be made for providing and maintaining an effective Quality Control program, and all costs associated there with shall be included in the applicable unit prices or lump sum prices contained in the Bid Schedule.
 - E. For the purpose of the work items listed in the Bid Schedule below, complete installation will mean the inclusion of demolition work, site restoration to existing or better conditions, and testing, all included in the cost to complete the work item (as applicable).
 - F. All work shall be completed in accordance with all applicable permits and owner requirements.

G. The following are the Bid Item descriptions and units of measurement that should be used as a guide for preparing the Bid Schedule. This list consists of items to complete the work and but is not intended to be a complete and all-inclusive record of the required work items. However, it is the bidder's responsibility to include all costs in the Bid Schedule to complete the entire project as shown on the Construction Drawings. These costs shall have their cost for material, equipment, labor, overhead and profits included in the prices bid. Any item not listed in the bid but shown on the drawings or called for in the specifications shall have its cost included in the items listed below.

Item Name Units of Measurement	Description		
Insurance, Bonds and Contract Security Lump Sum	The Contractor shall purchase and maintain such insurance as required by the Contract Documents. Payment for the costs of insurance, bonds and contract security shall be made at the Lump Sum bid price for "Insurance, Bonds and Contract Security". If no separate item is provided in the bid, the costs shall be uniformly distributed to other bid items.		
Mobilization and General Conditions Lump Sum	Mobilization includes full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals at the project site in preparation for work on the project that will be completed by the Contractor. This shall include all incidental items are items that are required to complete the Work but shall not be measured or paid for separately unless otherwise specified in the Contract Documents. Costs for incidental items shall be included in the various bid items as required. No additional payments shall be made to the contractor for incidental items. All work covered by this section will be paid at the Lump Sum bid price for "Mobilization and General Conditions". The lump sum bid price shall not exceed 5% of the total project bid.		
Traffic Control Lump Sum	Traffic Control Includes full compensation for all materials, labor, supervision, temporary signage, tools, equipment, supplies, and incidentals necessary to furnish, install, establish, and maintain all pedestrian and vehicular traffic control items required for the duration of the project. This also includes the removal of all traffic control items at the project's completion. All work covered by this section will be paid at the Lump Sum bid price for "Traffic Control".		
Construction Surveying and As-Built Drawings Lump Sum	Surveying services includes full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals necessary to survey critical areas, clearing limits, layout, cut and fill, As-Built and all other surveying necessary to provide compliance with the Contract Documents. All surveying shall be completed by a professional land surveyor licensed and registered in the State of Florida. All work covered by this section will be paid at the Lump Sum bid price for "Construction Surveying and As-Built Drawings", completed.		
Demobilization Lump Sum	Demobilization includes full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals for the complete demobilization of contractor's personnel, equipment and supplies offsite and the cleanup of the project site. Cleanup of the site shall restore the project site to preconstruction conditions or better. All work covered by this section will be paid at the Lump Sum bid price for "Demobilization".		

Temporary Erosion and Sedimentation Control (TESC) Lump Sum	Includes full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals for the preparation of the Contractor's Erosion and Sediment Control Plan (ESCP) and the installation of a temporary construction entrance, installation of temporary orange PVC fencing, installation of turbidity curtains, installation of the TESCs as shown on the drawings and
	included in the technical specifications. All work covered by this section will be paid for at the Lump Sum bid price for "TESC". Payment also includes the removal of all of these TESC measures after the construction of the project is complete and the restoration of the site to its pre-construction condition. Upon acceptance of the Contractor's Erosion and Sediment Control Plan (ESCP) and TESC personnel with listed certifications, 25 percent. After NTP and before Substantial Completion, 50 percent will be prorated and paid monthly for compliance with ESCP. Non-compliance will result in withholding of payment for the month of non-
	compliance. At final payment, 25 percent for a clean site.
Demolition, Clearing & Grubbing and Disposal Lump Sum	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete the removal of existing structures, appurtenances, and all clearing & grubbing activities necessary to construct the improvements as shown in the construction drawings and included in the technical specifications. Also includes, but not limited to, removal of all ground cover, phragmites and herbicides treatment within Living Shoreline, sidewalk along Santa Rosa Boulevard. All work covered by this section will be paid for at the Lump Sum bid price for "Demolition, Clearing & Grubbing and Disposal", completed.
Replacement Bulkhead Linear Foot	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified new bulkhead waterward of the existing bulkhead as shown in the construction drawings and included in the technical specifications. The unit bid price also includes the costs for, but not limited to the piles, CMI UC-30 sheet-pile, walers, tie-rods, anchor piles, wood cap, connectors, and weep holes. Drainage stone (coarse aggregate) and filter fabric is covered separately. All work covered by this section will be paid at the unit bid price per linear foot for "Replacement Bulkhead", installed, and completed.
Marginal Dock and Sunset Pier Square Foot	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified replacement pile-supported boardwalk, landing to floating kayak/canoe launch and sunset deck as shown in the construction drawings and included in the technical specifications. All work covered by this section will be paid at the unit bid price per square foot for "Marginal Dock" and "Sunset Pier", installed, and completed.
Wave Attenuators Linear Foot	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified wave attenuator on the east (connected to the sunset deck) and west side (stand-alone) of the boat basin as shown in the construction drawings and included in the technical specifications. This bid item is for CCA panel boards. All work covered by this section will be paid at the unit bid price per linear foot for "Wave Attenuators", installed, and completed. The Alternate Bid Items include the substitution of CCA panel boards with equivalent TRIMAX panel boards. The addition or subtraction cost for each of these items must be included in the Bid Schedule but will not be a basis for award.
ADA Kayak and	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified ADA Kayak and Canoe Launch as shown in the

Canoe Launch Lump Sum	construction drawings and included in the technical specifications. The Lump Sum bid price also includes the costs for, but not limited to the Pre-fabricated ADA Accessible Kay-aKcess Floating Kayak and Canoe Launch, gangway, stairs, piles, and all connectors. All work covered by this section will be paid at the Lump Sum bid price for an "ADA Kayak and Canoe Launch", installed, and completed. The Alternate Bid Items include substitution for using equivalent 12" "Eco-piles". The addition or subtraction cost for this item must be included in the Bid Schedule but will not be a basis for award.
Fill Cubic Yard	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, place and grade fill as shown in the construction drawings and included in the technical specifications. The fill areas include, but not limited to, backfill bulkhead, fill within the Living Shoreline, if needed, fill within the stormwater outfall, and upland site fill to bring site up to grade as shown on the construction drawings and included in the technical specifications. The fill shall meet the provisions contained in the County's White Sands Ordinance and any other requirements. All work covered by this section will be paid at the unit bid price per cubic yard for "Fill", installed, and completed
Filter Fabric Square Yards	and completed. Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified Mirafi FW 404 filter fabric between the new and existing bulkhead, and under the flume rip-rap scour protection, rip-rap erosion control, stormwater outfall structure, and shoreline rip-rap revetment as shown in the construction drawings and included in the technical specifications. Note the fabric shall be double layered with specified overlapped. All work covered by this section will be paid at the unit bid price per square yards for "Filter Fabric", installed, and completed.
Rip Rap, Bedding Stone and Coarse Aggregate Tons	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified rip rap for the construction of the flume rip-rap scour protection and rip-rap erosion control, and bedding stone and rip rap for the construction of the stormwater outfall structure and shoreline revetment over the filter fabric, except excavation, as shown in the construction drawings and included in the technical specifications. Coarse Aggregate is to backfill the void between the new and existing bulkhead, and the base of the concrete wall and weir (stormwater outfall). When it is necessary to dump and sort individual loads, payment will be made only for that portion accepted by the Owner's Representative. All work covered by this section will be paid at the unit bid price per ton for "Rip Rap", "Bedding Stone" and "Coarse Aggregate" based on approved truck tickets, installed, and completed.
Minor Grading - Living Shoreline Square Feet	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified minor grading within the Living Shoreline to achieve a consistent grade and slope necessary to install the vegetation as shown in the construction drawings and included in the technical specifications. If fill is required, the material and cost is covered under "Fill – Living Shoreline". All work covered by this section will be paid at the unit bid price per square foot for "Minor Grading – Living Shoreline", completed.
Fill - Living Shoreline Cubic Yards	Full compensation all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified additional fill to grade within the Living Shoreline to achieve a consistent grade and slope necessary to install the vegetation as shown in the construction drawings and included in the technical specifications. All work covered by this section will be paid at the unit bid price per cubic yard for "Fill – Living Shoreline", installed.

Oyster Bags - Living Shoreline Each	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified Oyster Bay breakwaters within the Living Shoreline as shown in the construction drawings and included in the technical specifications . All work covered by this section will be paid at the unit bid price per breakwater for "Oyster Bags - Living Shoreline", installed.
Site Preparation and Grading Lump Sum	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and complete specified site preparation and grading of the site (excluding the Living Shoreline) as shown in the construction drawings and included in the technical specifications. This includes, but not limited to the construction of the stormwater management system, site grading, stormwater outfall, concrete flumes and other site preparation and grading not covered in other items. All work covered by this section will be paid at the Lump Sum bid price for "Site Preparation and Grading", completed.
Grading - Stormwater Outfall Lump Sum	 Full compensation all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and grade within the stormwater outfall to achieve a consistent grade and slope necessary to install the stormwater outfall structure as shown in the construction drawings and included in the technical specifications. All work covered by this section will be paid at the Lump Sum bid price for "Grading – Stormwater Outfall", completed.
Concrete Weir and CMI UC-30 Composite Wall – Stormwater Outfall Linear Foot	Full compensation all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified concrete weir and CMI UC-30 wall as a necessary element to the Stormwater Outfall as shown in the construction drawings and included in the technical specifications. All work covered by this section will be paid at the unit bid price per linear foot for "Concrete Weir – Stormwater Outfall" and "CMI UC-30 Wall – Stormwater Outfall", installed.
HDPE with ADS Flared Ends Linear Foot	Full compensation all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified HDPE "12-inch" and "16-inch" stormwater pipe with ADS flared ends as shown in the construction drawings and included in the technical specifications. The unit bid price also includes the costs for, but not limited to, the ADS flared ends. All work covered by this section will be paid at the unit bid price per linear foot for "12-inch HDPE with 12-inch ADS Flared Ends" and "16-inch HDPE with 16-inch ADS Flared Ends", installed.
FDOT Type "C" DBI Each	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified FDOT Type "C" DBI and FDOT Type "C" DBI (Modified) stormwater control structures as shown in the construction drawings and included in the technical specifications. The unit bid price also includes the costs for, but not limited to, appropriate base stabilization. All work covered by this section will be paid at the unit bid price per structure for "FDOT Type "C" DBI (Modified)" and "FDOT Type "C" DBI, installed.
Base, Subgrade and Asphalt Pavement Square Yards	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified base, subgrade, and asphalt pavement to construct the entrance, access driveway, loading/unloading area and parking lot as shown in the construction drawings, included in the technical specifications and in accordance with FDOT specifications. The unit price shall include, but not limited to, all other work, not included under other items, necessary to complete the work as specified. These prices shall include preparing, shaping and placement of the subgrade or subbase and shoulders, adding moisture, compaction requirements and

	compaction testing, remove and replace unstable subgrade or subbase and constructing the base course thereon, fine grading, meeting required grades and slopes to ensure proper drainage, and testing and filling test holes. All work covered by this section will be paid at the unit bid price per square yard for "Base, Subgrade and Asphalt Pavement", installed. Asphalt replacement that is either damaged or removed outside of the defined limits are excluded.
Concrete Sidewalk and Concrete Flumes Square Yards	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified concrete sidewalk along Santa Rosa Boulevard and within the project site, and the concrete flumes as shown in the construction drawings, included in the technical specifications and in accordance with FDOT specifications. The unit price shall include, but not limited to, tying the new sidewalk into the existing sidewalk, preparation and shaping the subgrade or subbase and shoulders, fine grading, adding moisture, compaction requirements and compaction testing, concrete testing, saw cutting and for all other incidental work for the new sidewalk and the removal and replacement of the existing sidewalk, installed and completed. All work covered by this section will be paid at the unit bid price per square yard for "Concrete Sidewalk" and "Concrete Flumes". Sidewalk replacement that is either damaged or removed outside of the defined limits are excluded.
Curb and Gutter –	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals
FDOT Type D and	to complete, provide, and install specified concrete curb and gutter as shown in the construction drawings and included in the technical specifications and in accordance with FDOT specifications.
Curb and Gutter –	The Modified
FDOT Modified Type	All work covered by this section will be paid at the unit bid price per linear foot for "Curb and Gutter
F. Linear Foot	– FDOT Type D" and "Curb and Gutter – FDOT Modified Type F", installed, and completed. The cost of the Gutter Ends and Sidewalk Curb Ramps will be included in the unit bid price for the "Curb and
Linear FOOL	Gutter – FDOT Modified Type F"
Chain Linked Fence –	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals
6' High Black Vinyl Coated and	to complete, provide, and install specified fences as shown in the construction drawings and included in the technical specifications.
Shadow Box Fence – 6' High. Linear Foot	All work covered by this section will be paid at the unit bid price per linear foot for "Chain Linked Fence – 6' High Black Vinyl" and "Shadow Box Fence – 6' High", installed, and completed.
Signage and Striping Lump Sum	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified signage, striping and detectable warning as shown in the construction drawings and included in the technical specifications. Signage and striping shall include all traffic, parking, handicapped parking and signage, and Entrance Sign. All striping will be thermo.
Detectable Warning Linear Foot	All work covered by this section will be paid at the Lump Sum bid price for "Signage and Striping", installed, and completed. The cost of the "Detectable Warning" will be paid at the unit bid price per linear foot.
Parking Lot Lighting Each	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to design, complete, provide, and install the parking lot lighting system as shown in the construction drawings, included in the technical specifications, and per manufacture's recommendations. The Lump Sum bid price also include the costs for, but not limited to layout and design and furnishing of AMERON Pole Part Number SER04SPL, VISIONAIRE Part Number VSX-II-T5W-32LC-5-TS-UNV-AM-BK- 6" FOUR-SIDED SHIELD-RBOAA-S1-BK, and electrical service drop and meter. The design and furnished design shall be consistent with other lighting systems existing at County parks on

	Okaloosa Island. The contractor will be responsible for coordinating and obtaining any approvals through Gulf Power. All work covered by this section will be paid at the unit bid price per light for the "Parking Lot Lighting", installed, and completed.
Entrance Gate Lump Sum	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified entrance gate as shown in the construction drawings, included in the technical specifications and per manufacture's recommendations. The Lump Sum bid price also include the costs for, but not limited to layout and design and furnishing of an entrance gage Model No. MB832 manufactured by UPSWING, or equivalent. All work covered by this section will be paid at the Lump Sum bid price for "Entrance Gate", installed, and completed.
Bike Rack Lump Sum	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install specified bike rack (Belson Outdoors Model No. CHP-5-1G-S, 5-bike) as shown in the construction drawings and included in the technical specifications. All work covered by this section will be paid at the Lump Sum bid price for "Bike Rack", installed, and completed.
Park Bench Lump Sum	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and install surface mounted the specified park bench (Belson Outdoors Model No. CBPB-6SB-BK) as shown in the construction drawings, included in the technical specifications, and per manufacture's recommendations. The cost will also include the 8'x3'x4" concrete slab All work covered by this section will be paid at the Lump Sum bid price for "Park Bench", installed, and completed.
Relocate Cabbage Palms, Vegetation and Sod Unit Bid Price Per Palm to be Relocated, Unit Bid Price Per Plant and Unit Bid	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals to complete, provide, and remove (palm tree relocation), and install the specified Cabbage Palms, landscape vegetation and Living Shoreline vegetation as shown in the construction drawings and included in the technical specifications. The unit bid price also includes the costs for, but not limited to fertilizer, hydrating gel, mulch, initial irrigation, Watering Plan, top-soil testing and treatment, soil preparation, stone and debris removal, roto-tilling, and maintenance during the warranty period. All work covered by this section will be paid at the unit bid price per plant for each plant included under "Relocate Cabbage Palms", ""Living Shoreline Vegetation" and "Landscape Vegetation", and "Sod" will be paid at the unit bid price per square yard. There will be no additional payment for
Price Per Square Yard	plants and sod that are defected, rejected or that are required to be replaced during the warranty period. The Alternate Bid Items include substitution for larger plants at larger size and spacing. The addition or subtract cost for each of these items must be included in the Bid Schedule but will not be a basis for award.

Permanent Irrigation	Full compensation for all materials, labor, supervision, tools, equipment, supplies, and incidentals
System	to design, complete, provide, and install a permanent irrigation system as shown in the
Lump Sum	construction drawings and included in the technical specifications. The Lump Sum bid price also include the costs for, but not limited to layout and design and furnishing of a 2hp (min.) lawn pump, well, Rainbird ESP controller, Rainbird valves and electrical service drop. The design and furnished design shall be consistent with other irrigation systems existing at County parks on Okaloosa Island. The well shall produce fresh water suitable for irrigating the types of species existing and proposed. The contractor will be responsible for coordinating and obtaining any approvals through Gulf Power. All work covered by this section will be paid at the Lump Sum bid price for the "Permanent Irrigation
	System", installed, and completed.
Reinforced	Full compensation for all material, labor, supervision, tools, equipment, supplies and
Concrete Pile Cap	incidentals for installation of reinforced concrete pile cap. Measurement shall be per
	linear foot and paid at the unit bid price.

2.8 DEFECTIVE WORK

- A. The Contractor shall replace the Work, or portions of the Work, not conforming to specified requirements as directed by the Engineer.
- B. If, in the opinion of the Engineer or of the Owner, it is not practical to remove and replace the Work, the Engineer will direct one of the following remedies:
 - 1. The defective Work may remain, but the unit or lump sum price for the item will be adjusted to a new price. The adjustment will be performed at the sole discretion of the Owner. The Engineer will determine the adjustment; the Engineer's determination will be final.
 - 2. The defective Work will be partially repaired to the instructions of the Engineer, and the unit or lump sum price will be adjusted to a new price at the sole discretion of the Owner. The Engineer will determine the adjustment; the Engineer's determination will be final.
- C. The individual specification sections may modify these options or may identify a specific formula or percentage sum/price reduction.
- D. The authority of the Engineer to assess the defect and identify payment adjustment is final.
- E. Payment will not be made for any of the following:
 - 1. Products wasted or disposed of in a manner that is not acceptable.
 - 2. Products determined as unacceptable before or after placement.
 - 3. Products damaged in transit, during handling, or due to improper storage.
 - 4. Products not completely unloaded from the transporting vehicle.
 - 5. Products placed beyond the lines and levels of the required Work.
 - 6. Products remaining on hand after completion of the Work.
 - 7. Removing, demolishing, and disposing of rejected Work.
 - 8. Loading, hauling, and disposing of rejected Products.

PART 3 - EXECUTION OMITTED

END OF DOCUMENT 01010 – SUMMARY OF WORK

Soundside Access No. 2 Okaloosa County, Florida BID NO.: ITB PW 57-21 MANDATORY PRE-BID: Tuesday September 14, 2021 1:30 PM Local BID OPENING: Wednesday September 29, 2021 03:00 PM Local

PRE-BID ATTENDANCE REGISTER – PLEASE WRITE LEGIBLY

NO.	COMPANY	ADDRESS	PHONE NO.	EMAIL	PRINT NAME
1	H.G Harders + Sons	5521 East Hury 98	850-874-1500	Jharders @ hghuiders.com	Kyle Doughty
2	R.J GORMAN HARDADE CONSTRUCTION, LLC CARIS HUGHES	1944 FRHNKFDED BVG FANGMA CAYFL. 32403		CHEISTIN @ RJ & B. M. M.M. M.	CHRIS HUGHES
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Soundside Access No. 2 Okaloosa County, Florida BID NO.: ITB PW 57-21 MANDATORY PRE-BID: Tuesday September 14, 2021 1:30 PM Local BID OPENING: Wednesday September 29, 2021 03:00 PM Local

PRE-BID ATTENDANCE REGISTER – PLEASE WRITE LEGIBLY

NO.	COMPANY	ADDRESS	PHONE NO.	EMAIL	PRINT NAME
11	Empire Bungons	32M TAUShip LN. Peuskelt	870-698-694	3 Mile @ comprise huerdigson	in Michael Machig
12	Empire Builders	3217 Tailship LAP	830-698-6943		Jake Moore
	DALTON BROTHERSING			MICHAEL@DACTON BROTHERS BINC. COM	Michter Davia
14	11	//	a	4	Zaan Hennelke
15	Flaridian Construction	4592 Woodwind N Drive Destin FL	(850) 305 - 9580	Floridian Constra gmail. Com	Mitt Fulmer
16				3	
17					
18					
19					
20					