



MANATEE COUNTY FLORIDA

August 5, 2013

TO: All Interested Bidders

SUBJECT: **Invitation for Bid # 13-1272-DS**
Neal Preserve Trail from Causeway Path Boardwalk (LAP Project # 428133-1-58-01)

ADDENDUM # 3

Bidders are hereby notified that this Addendum shall be acknowledged on pages 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

The deadline for clarification of questions had been extended to **August 2, 2013 at 11:00 am.** This deadline had been established to maintain fair treatment of all potential bidders. Questions received after this date and time shall not be considered.

Engineer's Clarifications

The Addendum III includes following items:

- 1) Sheet # 6, Quantity sheet
 - Quantity on line item # 4 has been changed.
- 2) FDOT Technical Special Provisions have been provided for anchor beam repair. Please see pages 510 to 514. FDOT Qualified Products List (QPL) must be used.

Question 1: Sand Bags – Are they to be removed upon project completion?

Response: Yes, sand bags are part of the erosion control and must be removed upon project completion. Please refer to erosion control detail on sheet 12.

Question 2: Floating Turbidity Barrier – 1,003 LF in the bid schedule, plan scales +/- 400 LF. Where is the balance to be installed?

Response: The quantity on pay item floating turbidity barrier has been corrected.

Question 3: Remove Ex. Concrete Pavement @ 766 SY. Where is this concrete?

Response: Removal of Existing Concrete Pavement will be used for the removal of Sand Cement Rip-Rap.

Financial Management Department

Mailing Address: P. O. Box 1000 1112 Manatee Avenue West Suite 803, Bradenton, FL 34206-1000

WEB: www.myanatee.org * PHONE: 941.749.3045 * FAX: 941.749.3014

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Question 4: Review Page 7A. What is the intent? Note for Add. #1 reads "Under proposed 4" sidewalk from bottom to top backfill with rip rap" etc. From bottom to top of what? Which option will be utilized?

Response: Existing conditions under the bridge are unknown so options are given depending on condition(s) found. From bottom to top means to the first material to be placed under the sidewalk after excavation to the last. The option to be used will be determined by the Engineer based on existing condition(s) under the Sand Cement Rip-Rap.

Question 5: Anchor Beam Repair – What are we to do? Is there a detail showing what is intended? The quantity is for 40 EA. But there are 33 each shown on B1-05.

Response: Based on past experiences with other projects anchor beams could be damaged during construction. This quantity is an approximation. Attached are the instructions for the repair, if necessary.

Question 6: Rip Rap Bank & Shore – 143 Ton – Where is this quantity to be installed?

Response: This material will be used as a base material under the proposed trail. Please see sheet 7A for location.

Question 7: Rip Rap Ditch Lining – 119 Ton - Where is this quantity to be installed? What is the intent of sheets B1-05 & B1-06? For informational purposes only? Review the bulkhead cap detail on B1-06 – Are we to do anything with it? Are we to excavate behind the seawall, install plastic sheeting, rip rap etc?

Response: This material will be used as a base material under the proposed trail. Please see sheet 7A for location. The intent of sheets B1-05 & B1-06 is to show the location of the existing anchor beams based on a bridge repair done in 2008. Yes, contractor will need to excavate behind the seawall for sidewalk and handrail installation, and for the proposed filling of materials shown on sheet 7A.

BIDDERS NOTE:

The Bid Forms for Bid "A", Bid "B" and Bid "A" subcontractor and Bid "B" subcontractor attached to this Addendum # 3 supersede all other Bid Forms issued for this solicitation and must be used in submission of your bid in response to this Invitation for Bid.

Bidders must fully complete all page of the Bid Forms. Bid Forms must be executed by an authorized signatory who has the legal authority to make the offer and bind the company. Bidders must fully comply with all bid specifications, terms and conditions.

The following planset sheet by way of Addendum #3 will need to be made part of the solicitation for review.
1. Sheet 6 dated August 2, 2013 (remove previously supplied sheet 6 and replace)

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If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

The deadline for submitting sealed Bids at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 has been extended to August 15, 2013 at 2:30 PM.

END OF ADDENDUM # 3

Sincerely,



Melissa M. Wendel, CPPO *for*
Purchasing Official
/ds (Attachments)

Financial Management Department
Mailing Address: P. O. Box 1000 1112 Manatee Avenue West Suite 803, Bradenton, FL 34206-1000
WEB: www.mymanatee.org * PHONE: 941.749.3045 * FAX: 941.749.3014

BID FORM
Section 00300 (SUBMIT IN TRIPLICATE)
IFB# 13-1272-DS
Neal Preserve Trail from Causeway Path Boardwalk
LAP AGREEMENT (FIN ID# 428133-1-58-01) MANATEE COUNTY PROJECT NO. 6068711
BID "A" Based on Completion time of 90 Calendar Completion Days
ADDENDUM # 3

NO.	FDOT ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE \$	EXTENDED COST \$
1.	101-1	Mobilization	1	LS	\$	\$
2.	102-1	Maintenance of Traffic	1	LS	\$	\$
3.	104-6	Sand Bags (Addendum # 1)	387	LF	\$	\$
4.	104-11	Floating Turbidity Barrier (Addendum # 3)	400	LF	\$	\$
5.	104-10-3	Sediment Barrier	2,003	LF	\$	\$
6.	110-1-1	Clearing & Grubbing	1	AC	\$	\$
7.	110-4	Removal of Existing Concrete Pavement (Addendum # 1)	766	SY	\$	\$
8.	120-1	Regular Excavation (Addendum # 1)	690	CY	\$	\$
9.	120-6	Embankment (Addendum # 1)	178	CY	\$	\$
10.	120-72	Gravel Fill No. 24 Stone (Under the Trail) (Addendum # 1)	40	CY	\$	\$
11.	120-72	Gravel Fill (No. 57 Stone) (Addendum # 1)	54	CY	\$	\$
12.	400-1-25	Concrete Class I (Addendum # 1)	10	CY	\$	\$
13.	400-6	Anchor Beams Repair (Addendum # 1)	40	EA	\$	\$
14.	514-71-2	Plastic Filter Fabric (Addendum # 1)	734	SY	\$	\$
15.	515-2-302	Pedestrian/Bicycle Railing, Aluminum Only, 54" Type 1	375	LF	\$	\$
16.	522-1	Sidewalk Concrete 4" Thick	832	SY	\$	\$
17.	522-2	Sidewalk Concrete 6" Thick	2420	SY	\$	\$

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "A"
ADDENDUM #3

BID FORM
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IFB# 13-1272-DS
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LAP AGREEMENT (FIN ID# 428133-1-58-01) MANATEE COUNTY PROJECT NO. 6068711
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ADDENDUM # 3

NO.	FDOT ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE \$	EXTENDED COST \$
18.	530-1	Rip-Rap, Sand-Cement (Addendum # 1)	70	CY	\$	\$
19.	530-2	Rip-Rap Bank Shore (Under The Trail) (Addendum # 1)	143	TN	\$	\$
20.	530-3	Rip-Rap F&I Ditch Lining (Under the Trail) (Addendum # 1)	119	TN	\$	\$
21.	570-1-2	Sodding (Performance Turf) (Addendum # 1)	4000	SY	\$	\$
22.	700-20-12	Single Post Sign, F&I, 12-20 SF	9	AS	\$	\$
		DISCRETIONARY WORK				\$25,000.00
		Reference Basis of Estimate Manual for Pay Item Descriptions				
		Total Cost Bid "A" Based on 90 Calendar Completion Days				\$

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "A"
ADDENDUM #3

BID FORM - SUBCONTRACTOR PERCENTAGE

Section 00300 (SUBMIT IN TRIPLICATE)

IFB# 13-1272-DS

Neal Preserve Trail from Causeway Path Boardwalk

LAP AGREEMENT (FIN ID# 428133-1-58-01) MANATEE COUNTY PROJECT NO. 6068711

BID "A" Based on Completion time of 90 Calendar Completion Days

ADDENDUM # 3

NO.	FDOT ITEM NO.	ITEM DESCRIPTION	%	MBE/DBE	Description of Work by Subcontractor
1.	101-1	Mobilization			
2.	102-1	Maintenance of Traffic			
3.	104-6	Sand Bags (Addendum # 1)			
4.	104-11	Floating Turbidity Barrier (Addendum # 3)			
5.	104-10-3	Sediment Barrier			
6.	110-1-1	Clearing & Grubbing			
7.	110-4	Removal of Existing Concrete Pavement (Addendum # 1)			
8.	120-1	Regular Excavation (Addendum # 1)			
9.	120-6	Embankment (Addendum # 1)			
10.	120-72	Gravel Fill No. 24 Stone (Under the Trail) (Addendum # 1)			
11.	120-72	Gravel Fill (No. 57 Stone) (Addendum # 1)			
12.	400-1-25	Concrete Class I (Addendum # 1)			
13.	400-6	Anchor Beams Repair (Addendum # 1)			
14.	514-71-2	Plastic Filter Fabric (Addendum # 1)			
15.	515-2-302	Pedestrian/Bicycle Railing, Aluminum Only, 54" Type 1			
16.	522-1	Sidewalk Concrete 4" Thick			
17.	522-2	Sidewalk Concrete 6" Thick			

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BID "A" ADDENDUM # 3

BID FORM - SUBCONTRACTOR PERCENTAGE

Section 00300 (SUBMIT IN TRIPLICATE)

IFB# 13-1272-DS

Neal Preserve Trail from Causeway Path Boardwalk

LAP AGREEMENT (FIN ID# 428133-1-58-01) MANATEE COUNTY PROJECT NO. 6068711

BID "A" Based on Completion time of 90 Calendar Completion Days

ADDENDUM # 3

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20.	530-3	Rip-Rap F&I Ditch Lining (Under the Trail) (Addendum # 1)			
21.	570-1-2	Sodding (Performance Turf) (Addendum # 1)			
22.	700-20-12	Single Post Sign, F&I, 12-20 SF			

This form is a duplication of the bid items where the Bidder shall state the percentage (%) of work of each item listed and a brief description of the work that shall be performed by the subcontractor.

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID "A" ADDENDUM # 3

<p style="text-align: center;">BID FORM Section 00300 (SUBMIT IN TRIPLICATE) IFB# 13-1272-DS Neal Preserve Trail from Causeway Path Boardwalk LAP AGREEMENT (FIN ID# 428133-1-58-01) MANATEE COUNTY PROJECT NO. 6068711 BID "B" Based on Completion time of <u>120</u> Calendar Completion Days ADDENDUM # 3</p>						
NO.	FDOT ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE \$	EXTENDED COST \$
1.	101-1	Mobilization	1	LS	\$	\$
2.	102-1	Maintenance of Traffic	1	LS	\$	\$
3.	104-6	Sand Bags (Addendum # 1)	387	LF	\$	\$
4.	104-11	Floating Turbidity Barrier (Addendum # 3)	400	LF	\$	\$
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BID "B"
Addendum #3

BID FORM
Section 00300 (SUBMIT IN TRIPLICATE)
IFB# 13-1272-DS
Neal Preserve Trail from Causeway Path Boardwalk
LAP AGREEMENT (FIN ID# 428133-1-58-01) MANATEE COUNTY PROJECT NO. 6068711
BID "B" Based on Completion time of 120 Calendar Completion Days
ADDENDUM # 3

NO.	FDOT ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE \$	EXTENDED COST \$
18.	530-1	Rip-Rap, Sand-Cement (Addendum # 1)	70	CY	\$	\$
19.	530-2	Rip-Rap Bank Shore (Under The Trail) (Addendum # 1)	143	TN	\$	\$
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22.	700-20-12	Single Post Sign, F&l, 12-20 SF	9	AS	\$	\$
		DISCRETIONARY WORK				\$25,000.00
		Reference Basis of Estimate Manual for Pay Item Descriptions				
		Total Cost Bid "A" Based on 90 Calendar Completion Days				\$

BIDDER: _____

AUTHORIZED SIGNATURE: _____

BID FORM - SUBCONTRACTOR PERCENTAGE**Section 00300 (SUBMIT IN TRIPLICATE)****IFB# 13-1272-DS****Neal Preserve Trail from Causeway Path Boardwalk****LAP AGREEMENT (FIN ID# 428133-1-58-01) MANATEE COUNTY PROJECT NO. 6068711****BID "B" Based on Completion time of 120 Calendar Completion Days****ADDENDUM # 3**

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17.	522-2	Sidewalk Concrete 6" Thick			
18.	530-1	Rip-Rap, Sand-Cement (Addendum # 1)			

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AUTHORIZED SIGNATURE: _____

BID "B" ADDENDUM # 3

BID FORM - SUBCONTRACTOR PERCENTAGE

Section 00300 (SUBMIT IN TRIPLICATE)

IFB# 13-1272-DS

Neal Preserve Trail from Causeway Path Boardwalk

LAP AGREEMENT (FIN ID# 428133-1-58-01) MANATEE COUNTY PROJECT NO. 6068711

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This form is a duplication of the bid items where the Bidder shall state the percentage (%) of work of each item listed and a brief description of the work that shall be performed by the subcontractor.

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BID "B" ADDENDUM # 3

TECHNICAL SPECIAL PROVISIONS.

The following Technical Special Provisions are individually signed and sealed but are included as part of this Specifications Package.

RESTORE SPALLED AREAS (LATEX MODIFIED MORTAR-ACRYLIC)

**CATHODIC PROTECTION INTEGRAL PILE JACKET, STRUCTURAL &
NONSTRUCTURAL**

TECHNICAL SPECIAL PROVISION
FOR
SECTION 401
RESTORE SPALLED AREAS (LATEX MODIFIED MORTAR-ACRYLIC)
Financial Project ID 430006-1-52-01

The official record of this Technical Special Provision is the electronic file signed and sealed under Rule 61G 15-23.003, F.A.C.

Prepared by: Boon Chong, P.E.
Date: August 2nd, 2012
Page(s): 1 - 4

SECTION 401 RESTORE SPALLED AREAS (LATEX MODIFIED MORTAR-ACRYLIC)

401-1 Description.

401-1.1 General: Perform concrete repairs as specified in the plans. Unsound and delaminated material must be removed prior to performing any repairs. The repairs may consist of large or small areas. These locations consist of areas identified in plans.

401-2 Materials.

401-2.1 General: All materials shall be supplied by the same manufacturer and be approved by the Engineer. All inhibitors and repair material shall be compatible and applied in accordance with the manufacturer's recommendations and this technical special provision.

401-2.2 Welded Wire Fabric: Use galvanized welded wire fabric conforming to ASTM International A185.

401-2.3 Patching Material: Use a pre-packaged latex modified mortar or a polymer-modified, silica-fume enhanced repair material designed for the specific application and suitable for application of metalizing where applicable. The material shall meet or slightly exceed the compressive strength of the existing concrete and have a maximum shrinkage of -0.05%. For underwater repairs, use an approved underwater repair mortar.

401-2.4 Reinforcing Steel: Meet the requirements of the Standard Specifications and as specified in the plans.

401-2.5 Bonding Agent: Apply a surface-applied bonding agent containing corrosion inhibitors prior to application of repair material.

401-3 Repair Methods.

401-3.1 General: Locate and inspect all the deteriorated areas indicated in the contract documents or designated for repair by the Engineer. Sound test the areas and the surrounding concrete surfaces to determine the actual dimensions of the areas to be repaired.

Mark or otherwise delineate the limits of proposed demolition on the concrete surface. The limits shall be verified, modified as necessary, and recorded by the Engineer. Do not perform concrete demolition/removal prior to the Engineer's approval and recording of the removal limits. Exercise caution to avoid damaging the existing reinforcing steel.

Remove and repair all cracked, delaminated, or hollow sounding concrete according to these Technical Special Provisions. Concrete with Class 1 (0 to 1/64-inch) cracks but solid sounded may not be removed if directed by the Engineer. When Class 1 cracks are encountered, notify the Engineer for inspection. Completely remove all cracked or unsound concrete and all existing

metalizing. Saw cut along the perimeter of the area to be restored. Remove all deteriorated material within the saw cut limits. Clean the exposed concrete surfaces and any reinforcing steel to remove all bond-inhibiting materials, take necessary precautions to avoid damaging the surrounding area. These repair areas shall be roughened to ICRI Technical Guideline No. 03732 CSP No. 7 or manufacturer's guidelines.

401-3.2 Reinforcement: Remove the concrete adjacent to the bar to a minimum of ¾-inch depth to permit bond to the entire periphery of the exposed bar. If unsound concrete goes to a depth of two inches or more, stop for direction from the Engineer. Prevent cutting or damaging of exposed reinforcing steel. Clean all reinforcing bars exposed after material removal to Society of Protective Coatings (SSPC) SP-10.

Replace bars that have lost 25% or more of their cross-sectional area over a 1-foot in length, or as determined by the Engineer. When using new bars spliced in place, maintain the original cover, lap the bar as detailed in the plans and, if necessary, provide additional chipping. Dual bars of equivalent or greater section may be used. Supplement reinforcing shall be cleaned to SSPC SP-10.

If the depth of the repair exceeds 2-inches without the existence of reinforcing steel, place an approved welded wire fabric over the area. Place the welded wire fabric after the existing rebar has been thoroughly cleaned to SSPC SP-10 as determined by the Engineer. Tie the wire fabric at regular intervals, vertically and horizontally, not to exceed 8-inches, or as directed by the Engineer. Field bend the welded wire fabric to conform with any changes in the concrete surface profile.

401-3.3 Bonding Agent: Apply an approved bonding agent containing corrosion inhibitors per manufacturer's recommendations immediately prior to applying patching material. At a minimum, the corrosion inhibitor shall extend a minimum of 6-inches outside the perimeter of repair not to receive metalizing. For areas that will receive metalizing, only apply bonding agent in the repair limits. Apply at a spread rate in square feet per gallon and allow drying for a minimum of one hour, both per manufacturer's guidelines.

401-3.4 Material: Spalled or damaged areas of concrete shall be repaired using an approved material mixed, applied and cured in strict accordance with the manufacturer's specifications. The Engineer shall approve the specific material, to ensure that the application is appropriate. Match repair material surface to surrounding concrete surfaces. Provide "V"-groove construction joints, drip notches, or any other features required to match the existing. Forming may be required at larger areas. Temporary shoring may be required as temporary supports. Repairs shall be performed to ensure the approved repair mortar is carefully worked into the repair area to achieve intimate uniform contact between the repair mortar and the substrate concrete.

401-4 Method of Measurement.

401-4.1 Concrete Repair: The quantity of concrete restoration to be paid for under this section shall be the volume in cubic feet of repair material authorized, satisfactorily placed and accepted. The

method utilized in determining the volume will be the surface area in square feet multiplied by the average depth of such areas.

401-4.2 Welded Wire Fabric and Reinforcing Steel: No additional payment will be made for galvanized welded wire fabric or spliced reinforcing bars. These items shall be considered incidental and the cost should be included in the unit price for Restore Spalled Areas.

401-5 Basis of Payment. Payment shall include all equipment, labor, concrete removal, surface preparation, temporary shoring where needed, bonding agent, forming, materials, galvanized welded wire fabric, reinforcing steel, removal of existing metalizing and any incidental items necessary to complete the work. Payment for this work shall be included under the following:

Pay Item Number 401-70-3 Restore Spalled Areas (Latex Modified Mortar-Acrylic)-cubic foot