

**ADDENDUM 4 TO BID DOCUMENTS FOR THE
LOST LAKE MARSH CREATION AND HYDROLOGIC RESTORATION
PROJECT (TE-72)**

TERREBONNE PARISH, LOUISIANA



**LOUISIANA COASTAL PROTECTION AND RESTORATION
AUTHORITY**

September 28, 2016

ADDENDUM 4 TO BID DOCUMENTS

LOST LAKE MARSH CREATION AND HYDROLOGIC RESTORATION PROJECT (TE-72)

This addendum shall be considered part of the Plans, Specifications, and Contract Documents (except as noted otherwise) and is issued to change, amplify, or delete from or otherwise explain these documents where provisions of this addendum differ from those of the original documents. This addendum shall have precedence over the original documents and shall govern.

Bidders shall acknowledge receipt of this addendum on the Louisiana Uniform Public Work Bid Form.

I. The attendance record for the Pre-Bid Conference is provided in attachment A.

II. CPRA Responses to Bidder Questions

- 1. Question:** Does the fill volume required for each Marsh Creation Area [referenced on the Marsh Creation Table on Sheet 3 of the plans] include the volume required to fill the borrow areas used to construct the containment dikes [referenced on the Earthen Containment Dikes Table on Sheet 3 of the plans]? If not, will the Owner consider revising the Bid Form to accurately reflect the amount of fill material required for the marsh creation areas?

Response: The total volume of marsh fill providing in the Plans includes the additional volume required to fill the containment dike borrow areas.

- 2. Question:** If Bid Alt. #1 is Accepted, will the Owner subtract the unit price extension for Ref. Nos. 24 and 26 from the entire Contract price to determine low bidder in order to make the award?

Response: Yes

- 3. Question:** Sheet 25 of the Plans mentions a threaded PVC cap for the multiplexer/node housing for the instrumented settlement plate while Section 251.2 states that the housing shall be fitted with a non-threaded PVC cap. Can the Owner please clarify which is correct?

Response: Technical Specification 251.2 will be revised to require that a threaded PVC cap be fitted on top of the housing. The successful Bidder shall be provided with conformed Specifications.

4. **Question:** Sheet 25 of the Plans mentions a non-threaded PVC cap for the 3” diameter perforated PVC pipe for the instrumented settlement plate while Section 251.2 states that the perforated PVC pipe shall be capped with PVC threaded caps and fittings. Can the Owner please clarify which is correct?

Response: Technical Specification 251.2 will be revised to require that non-threaded PVC caps shall be attached to each end of the three (3) inch diameter perforated Schedule 40 PVC pipe. The successful Bidder shall be provided with conformed Specifications.

5. **Question:** Can the owner please specify the spacing of the holes in the 3” perforated PVC pipe needed for the instrumented settlement plates?

Response: Technical Specification 251.2 will be revised to require that the perforations shall consist of one-half (0.5) inch holes that are spaced one-hundred-eighty (180) degrees apart on one-half (0.5) foot increments along the axis. The successful Bidder shall be provided with conformed Specifications.

6. **Question:** Is it the Owner’s assumption that the Contractor will provide the items listed in Sections 251.4.1 through 251.4.10 of the Specifications to the engineer as separate items for the Engineer to install on the concurrent settlement plates?

Response: Yes.

7. **Question:** For Marsh Creation Areas 2A and 2B-West, is the Contractor allowed/expected to dewater into the adjacent Earthen Terrace Area on the North side of the Areas?

Response: Yes

8. **Question:** Where is the Contractor expected to dewater Marsh Creation Area 2B-East?

Response: The contractor may dewater along the northwest containment dike in Marsh Creation Area 2B-East.

9. Question: Page 12 of Final Environmental Assessment states “The terrace slopes will be planted with two rows of smooth cordgrass and the perimeter of the terrace crowns will be planted with one row of seashore paspalum.” There is no other mention of this in the Specifications or Plans. Is the Contractor required to plant the cordgrass and seashore paspalum?

Response: Plantings will be performed under a separate contract.

10. Question: Will the Pre-Construction Survey for the entire project have to be completed before any work (including laying pipe, digging access channels, etc.) can be completed anywhere at the project site?

Response: Work may proceed on those portions of the Work which have been surveyed during the Pre-Construction Survey and Accepted by the Engineer.

11. Question: When is the expected Award date for this project?

Response: As per Louisiana Revised Statute 38:2215, “A public entity shall act no later than forty-five calendar days after the date of opening bids to award such public works contract to the lowest responsible bidder or to reject bids. However, the public entity and the lowest responsible and responsive bidder, by mutually written consent, may agree to extend the deadline for award by one or more extension of thirty calendar days.”

12. Question: When is the expected NTP date for this project?

Response: Refer to the response to Question II.11 and Louisiana Revised Statute 38:2215 regarding issuance of a Notice to Proceed.

13. Question: Will the Contractor be required to start within a certain time frame of the NTP? If so, what is it?

Response: The Contractor shall complete the Work within the Contract Time.

14. Question: Will the Owner consider allowing an access channel to Borrow Area 2 to be dug, similar to the manner the Borrow Area 1 access channel can be dug?

Response: No.

15. Question: Will the Contractor be allowed to perform any floatation digging?

Response: No, other than specified in the Bid Documents.

16. Question: Section 210.8.5 states “The elevations of the marsh fill or containment dike and top of riser pipe at all settlement plates shall be surveyed daily during fill placement, daily in between lifts for fill placement, and daily for four (4) weeks after the final lift of fill is placed.” Also, Section 210.8.7 states “The elevations of the top of the gauge sign and marsh fill shall be surveyed at each grade stake on a daily basis during fill placement until four (4) weeks after the final lift of fill is placed.” Can these elevations be measured daily by Contractor, after being quality checked by the PLS, or does it have to be by a Professional Land Surveyor?

Response: As per Technical Specification 210.1, surveys shall be performed by personnel who are approved by the Engineer and under the direct supervision of a professional engineer or surveyor licensed in the state of Louisiana.

17. Question: Section 210.8.3 states “The topography of each marsh creation area shall be surveyed 30 days after each lift of fill is placed”. It does not state anywhere that the marsh creation area topography shall be surveyed immediately after each lift of fill. Is the Contractor required to survey the marsh creation area topography immediately after each lift of fill?

Response: No.

18. Question: Section 210.8.4 states “The dikes associated with each marsh creation area shall be surveyed every two weeks beginning with placement of the first lift of fill material into the marsh creation area, and ending with Acceptance of the marsh creation area.” Is it required that these process surveys be completed by a Professional Land Surveyor, or can the Contractor perform them if quality checked by the PLS?

Response: Refer to the response to Question II.16.

19. Question: May a temporary coffer dam be constructed around each water control structure? Does the coffer dam need to be engineered?

Response: A temporary coffer dam may be constructed around each water control structure to aid in dewatering the Work at no Direct Pay. The temporary coffer dam shall not impact existing structures that are not included in the Work. The design, layout and execution of the Work associated with the coffer dam shall be developed by the Contractor, provided in the Work Plan and approved by the Engineer.

20. Question: Paragraph 400.5 of the technical specifications states that “The Contractor shall place the material dredged from Borrow Areas 1 and 2 into Marsh Creation Areas 1, 2A, 2B, 2C, 2D (Bid Alternate 1) and 3.”, but does not specify whether or not Borrow Area 2 material must be placed in Marsh Creation Area 3. If it is determined that the amount of material available in Borrow Area 1 is sufficient for use in all Marsh Creation Areas, can Borrow Area 1 material be used for Marsh Creation Area 3, and the use of Borrow Area 2 be used on an “as needed” basis only?

Response: Material from Borrow Areas 1 and 2 may be dredged and placed into Marsh Creation Area 3.

21. Question: In section 210.7.2, Temporary Bench Marks can you specify the type of TBM required. Is it a deep rod monument, 4’ rebar with cap, etc.

Response: Temporary benchmarks shall be installed using current industry standards for RTK surveys.

22. Question: In the specs section 210.7.12 Earthen Terraces a topographic survey is to be performed along the centerline alignment of both the terraces and associated borrow areas, however on the plans page 30 of 61 Construction Survey Layout it shows transects perpendicular to the centerline alignment of both the terraces and associated borrow area. Can you clarify if the perpendicular transects will need to be surveyed or just the ones along the centerline alignment?

Response: Centerline transects of the terraces and associate borrow areas, and the perpendicular transects shown on the Plans shall be surveyed.

23. Question: The Advertisement for Bids set the Mandatory Pre-Bid meeting and the Highly Encouraged Site Visit at the same time. Was this a mistake or intentional?

Response: This was an unintentional mistake and was corrected via the response to Question 1 in Addendum 1.

24. Question: During the Pre-Bid Conference, Bidders were instructed to use the Bid Documents to price the solicitation with the understanding that existing site conditions will require a re-negotiation of Contract scope and price. Is this correct?

Response: As per General Provision 18, the Contract Documents may be amended by the Engineer to account for additions, deletions and revisions to the Work via a

Change Order or written clarification by the Engineer. Minor deviations and variations to the Work which do not require modification to the Contract Price or Time may be authorized by Field Orders or through written clarifications to requests for information. Deviations or variations to the Work which require a modification to the Contract Price or Time shall be executed via Change Order. As per Footnote 1 on the Summary of Estimated Quantities Table on Sheet 2 of the Plans, the Owner reserves the right to adjust quantities higher or lower by 25% without an adjustment of the unit price.

25. Question: Is it possible to have a second Bayou Decade pipeline crossing towards the southwest end of Marsh Creation Area 1?

Response: In order to minimize impacts to state water bottoms and navigation, only one crossing location shall be allowed. As stated in the Plans and Specifications, proposed modifications to the alignment of the dredge pipeline by the Contractor shall be provided in the Work Plan and approved by the Engineer.

26. Question: The State has a neat volume in Marsh Creation of 3,115,000 CY in total. What has the State assumed for material bulking consolidation in the fill areas and material transfer and settlement?

Response: The assumption and calculations for determining the settlement of the marsh fill and sub-grade of the marsh creation areas is provided in the geotechnical report for the project. A link to the geotechnical report is provided in Appendix H of the Specifications.

27. Question: Please confirm that we are to bid on the Marsh Creation limits shown on the plans. XYZ survey data provided in Amendment #3, has Marsh Creation limits that do not match the Plans?

Response: The survey data provided in Addendum 3 is based on the design survey. The limits of the various project features depicted in the design survey were subsequently modified after the survey and during design. Bidders shall formulate their Bid based on the lines, grades and elevations shown on the Plans.

28. Question: Due to the complexities of the project, we kindly request a minimum 2 week extension to the current bid date?

Response: Refer to Part III of this Addendum.

29. Question: For the wireless data acquisition network on the instrumented settlement plates, how often would the Owner like the readings made?

Response: As per Technical Specification 251.6, the Contractor shall provide the Engineer with boat transportation in order to obtain data from the data logger for one (1) month after fill placement is complete. The Engineer predicts that this data will need to be obtained on a weekly basis.

30. Question: For the wireless data acquisition network on the instrumented settlement plates, how often does the Owner want it to make a download?

Response: As per Technical Specification 251.6, the Engineer is responsible for programming the data logger.

31. Question: Will the Owner consider a 23 day period between lifts and a 14 days wait period for final acceptance survey for the marsh creation areas, similar to what was required at North Lake Mechant Landbridge Restoration Project TE-44?

Response: No. As per Technical Specification 210.8.3, the marsh creation areas shall be surveyed thirty (30) days after each lift of fill is placed.

32. Question: In reference to Paragraph SP-2.1, would the Owner consider adding a differing site conditions clause in order to prevent unfair bidding? If not, would the Owner consider providing wording that consideration be given to claims for additional payments based on site conditions that differ from the Contract Documents, and the difference is not something the Contractor would be able to visually inspect during a routine site visit?

Response: The Owner will not add a provision for differing site conditions. This question is addressed by General Provision 42, Claims for Extra Cost.

33. Question: Would the Owner consider inserting a waiver of consequential damages to the Liquidated Damages Clause?

Response: No. The Owner will not grant any waiver to withhold the Liquidated Damages specified in the Instruction to Bidders.

34. Question: There is no provision regarding responsibility for preexisting conditions/pollution. Would the Owner consider inserting a provision?

Response: This question is addressed by General Provision 32, Environmental Protection.

III. Bid Date Postponement

In order to provide adequate time for all potential bidders to prepare a bid, the date of the bid opening is being postponed for an additional seven (7) calendar days. The new Bid Opening will be held on **Thursday, October 13, 2016 at 2:00 PM** at the same address provided in the Advertisement for Bids. Please note that the room location has been changed to the 4th Floor Conference Center.

Attachment A – Pre-Bid Conference Attendance Record

MANDATORY PRE-BID CONFERENCE ATTENDANCE RECORD



Project Name: Lost Lake Marsh Creation and Hydrologic Restoration Project
 Project Number: TE-72
 Date: 9/23/2016
 Location: CPRA Thibodaux Field Office, 1440 Tiger Drive Suite B, Thibodaux, LA 70301

Project Engineer: Shannon Haynes, P.E.
 Project Manager: Garvelin Pittman
 Construction Engineer: Adam Ledet, P.E.
 Mandatory Site Visit: No (Highly Encouraged)

Name (Signature)	Initial (In)	Initial (Out)	Company Name	Company Address	Affiliation (Circle one)	Phone	Email
Garvelin Pittman	GP	GP	CPRA	150 Terrace Ave B.S. LA 70803	Prime/Sub	225-229 3569	Garvelin.Pittman@LA -300
Greg Mathen	GM	GM	CPRA	150 Terrace Ave B.S. LA 70803	Prime/Sub	225-229-4775	gregj.mathen@ la.gov
Michael Robinson	MR	MR	GENERAL ENG.	12241 Industrialplex Bldg C BTR LA	Prime/Sub	504 289 5030	Michael.Robinson@ GENERALENG.COM
MIKE NITSKA	MN	MN	HYDROTERRA TECHNOLOGIES	202 JACOBS ROW SCOTT, LA 70583	Prime/Sub	337-315-2190	MIKE.NITSKA@ HYDROTERRATEC.COM
Tom Millen	TM	TM	Fenstermaker	125 Pegasus Square Lafayette, LA 70508	Prime/Sub	337-237-2200	Thomas@Fenstermaker.com
JUSTIN BORDEN	JB	JB	FENSTERMAKER	135 RCGAVISA LAFAYETTE, LA 70508	Prime/Sub	337-237-2200 EXT 210	JUSTINB@FENSTERMAKER.COM
CHRIS FAUGHT	CF	CF	GLOO	Outgarden, JL	Prime/Sub	636-632-2336	CFaught@GLOO.COM
CHRIS FAUGHT	CF	CF	GLOO	2122 Town Rd Oak Brook, IL	Prime/Sub	954 798 5955	Slane@GLOO.COM
Joe Gonzalez	JG	JG	Manion Construction Co	408 010 Bayview Ave Houma, LA 70363	Prime	385-580-1900	jgonzalez@manionconstruction.com
WILLIAM HOWSE	WH	WH	" "	5881 Richards St. JACKSONVILLE FL 32211	Prime	562-762-5388	WHowse@manionconstruction.com

MATCH WITH
Richard

MC MIC CYCLE MARINE GROUP

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LEWIS, CA 94042

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MC/OUTRIGGER CONSTRUCTION.COM

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	Name (Signature)	Initial (In)	Initial (Out)	Company Name	Company Address	Affiliation (Circle one)	Phone	Email
9.	<i>[Signature]</i> Bryan Balin	8:45 AM	<i>[Signature]</i>	CPRA - TRC	1440 Tiger Drive Suite B Thibodaux, LA 70301	Prime/Sub	(985) 447-0456	b.balin@watermain.com
10	<i>[Signature]</i> JERRY DEVILLE	9:45 AM	10:16 <i>[Signature]</i>	WEEKS MARINE INC.	304 GAILLE DR LAWSON, LA 70433	Prime/Sub	985 875-2500	JDEVILLE@watermain.com
11	<i>[Signature]</i> Amy Schenck	9:45 AM	10:20 <i>[Signature]</i>	WEEKS MARINE, Inc.	304 GAILLE DR. LAWSON, LA 70433	Prime/Sub	985-875-2500	amschenck@watermain.com
12	<i>[Signature]</i> Bryan S. Miller	8:45 AM	10:11 <i>[Signature]</i>	Norfolk Dredging Company	PO. Box 1706 Chesapeake, VA 23327	Prime/Sub	757-353-1960	b.s.miller@norfolkdredging.com
13	<i>[Signature]</i>	8:45	10:20 <i>[Signature]</i>	Crosby Dredging, LLC	17771 LA 5035 Gambino, LA 70354	Prime/Sub	985-647-3657	Crosby@crossy-dredging.com
14	<i>[Signature]</i> Boogie LeBlanc	8:45 P.M.	P.M.	PHAROS MARINE AUTOMATIC POWER	178 TECHNOLGY LANE GRAY, LA 70359	Prime/Sub	985-223-8700 985-665-8894	r.leblanc@automaticpower.com
15	<i>[Signature]</i> Roland MATHY IN	8:45 P.M.	10:30 <i>[Signature]</i>	Crosby Dredging, LLC	17771 LA 5035 Gambino, LA 70354	Prime/Sub	337-299-1210 P.M.	r.mathy@crossy-dredging.com
16	<i>[Signature]</i> Kyle Keeler	8:50 P.M.	10:14 <i>[Signature]</i>	Diamond B Construction	New Iberia 70360	Prime/Sub	337-946-0700	Kyle.Keeler@diamondb.com

17) *[Signature]* Scott A. Shaw 8:50 AM (504) 915-5275 Scott@mississippisupplies.com

18) *[Signature]* Rick Smith 8:55 AM 10:22 P.M. 781-285-1995 RSM17M@ILLAND-DRS2616.COM

2015 EMPLOYEES ROAD, Suite 400, P.O. Box 1189, DIERSBURG, TN 38025 P.M.C

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	Name (Signature)	Initial (In)	Initial (Out)	Company Name	Company Address	Affiliation (Circle one)	Phone	Email
17	Timothy Vestal	N	TV	Weeks Marine Inc	1135 Lower Cemetery Rd Thibodaux, LA	Prime Sub	985-941 4053	TEVESTAL@weeksmarine.com
18	Craig Rink	CC	CR	Cendour Inc	1155 Destruction Ave Harvey, LA	Prime Sub	504-270-7166	Craig@cendourllc.com
19	Dy Joo	DE	DF	Centum LLC	1205 Engineer's Rd Belle Chasse, LA	Prime Sub	504-270-7165	Troy@centumllc.com
20	Ernest Joo	JE	JE	Frisco Construction	128 W. Woodlawn Ranch Rd. Houma, LA 70363	Prime Sub	985-876 3807	Fredlin.joo@yahoo.com
21	Scotty Emmons	SE	SE	ORION	4440 Hwy 225 #180 Deer Park TX 77536	Prime Sub	504-273-8236	SEMMONS@orionmarinegroup.com
22	Kin Austin	KA	KA	Marsh Buggies Inc	2018 Engineer Rd. Belle Chasse, LA	Prime Sub	504-394-5050	kin@marshbuggies.com
23	Kain Porath	KP	KP	Dupe Bros. Const.	Station 1 Box 10096 Houma, LA 70363	Prime Sub	985/879-9440	ken.p@dubros.com
24	Bennett Grisela	BG	BG	FRISCO COAST	128 Westwood	Prime Sub	985 876 3867	10042

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	Name (Signature)	Initial (In)	Initial (Out)	Company Name	Company Address	Affiliation (Circle one)	Phone	Email
25	<i>David Peterson</i>	DP	DP	Dean K94, p.m.c	3240 peterson Rd, Harvey	Prime/Sub	504-570-7498	david@deanequip.com
26	<i>Austin Babalola</i>	AB	AB	T. BAKER SMITH	1100 SOUTH PARKA RD.	Prime/Sub	985-493-2946	AUSTIN.BABALOLA@TBSMITH.COM
27	<i>Tyler Roy</i>	TR		Wilco	1304 MacArthur Ave Houma, LA	Prime/Sub	337-945-8301	Troy@wilcoarabuggies.com
28	<i>Jamie Austin</i>	JA	JA	Marsh Buggies Inc.	2018 Engineers Rd. Belle Chasse, LA 70007	Prime/Sub	504-394-5050 504-415-0104	jamie@marshbuggies.com
29	<i>Scott A. Lopez Scott Lopez</i>	SAL	SAL	Marsh Buggies, Inc.	2018 ENGINEERS RD. BELLE CHASSE, LA 70007	Prime/Sub	504-415-5275 504-394-5050	Scott@MarshBuggies.com
30	<i>Ryan White</i>	RW	RW	Berry Bros. General Cont.	1414 River Rd. Bossier Parish 70302	Prime/Sub	985-584-8770	ryan@bbyc.com

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9.		DB	DB	Quality First Marine	9 Bayou La Batre Rd 1254 North Columbia Street Covington, LA 70433	Prime/Sub	985-858-1450	yeshaw@qualityfirstmarine.com
10	Dan Bennett	DB	DB	Quality First Marine	9 Bayou La Batre Rd 1254 North Columbia Street Covington, LA 70433	Prime/Sub	985-302-9348	dbennett@qualityfirstmarine.com
11	Maui Guggis	MS	MS	Maui Guggis Inc.	2018 EUSMER RD RD B BELL CHASSIE	Prime/Sub	504-394-5050	CARY @ MARSH BUGGIES . COM
12	Mike Adams	MS	MS	Adams Construction	10305 Airline Highway Baton Rouge, LA 70814	Prime/Sub	445-930-1200	mladams@adamsconstruction.com
13	Michael Somme	MS	MS	Sigma Consulting Group, Inc.	10305 Airline Highway Baton Rouge, LA 70814	Prime/Sub	(225) 298-0500	msomme@sigmacg.com
14						Prime/Sub		
15						Prime/Sub		
16						Prime/Sub		