

**INVITATION TO BID  
ADDENDUM**

BIDS WILL BE PUBLICLY OPENED:

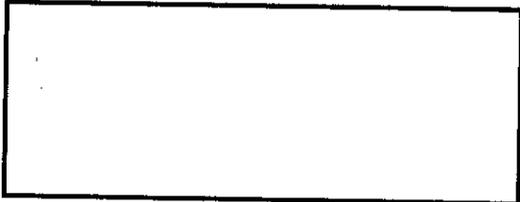
**JAN 19, 2012 10:00 AM**

PURCHASING AGENCY NO. : 107001

STATE OF LOUISIANA  
DIVISION OF ADMINISTRATION  
OFFICE OF STATE PURCHASING



VENDOR NO. : 300636591-01  
SOLICITATION : 2247169  
FILE NO. : S28203DL  
OPENING DATE : 01/19/12



**RETURN BID TO**

2247169 01/19/12 10:00 AM  
S28203DL

OFFICE OF STATE PURCHASING  
OFFICE OF STATE PURCHASING  
POST OFFICE BOX 94095  
BATON ROUGE, LA 70804-9095

BUYER : HILARY STEPHENSON  
BUYER PHONE : (225) 342-8022  
DATE ISSUED : 11/16/11  
REQ. AGENCY : 109002  
OFFICE OF COASTAL PROTECTION AND RE  
AGENCY REQ. NO. : CED120006  
ISIS REQ. NO. : 1342127  
VENDOR PHONE : (225) 342-7310-0000  
FISCAL YEAR : 12  
CLASS/SUBCLASS : 96273  
SCHEDULED BEGIN DATE : 00/00/00  
SCHEDULED END DATE : 00/00/00  
T-NUMBER :

<-FOLD

RIVERINE SAND MINING / SCOFIELD ISLAND  
RESTORATION (BA-40), PLAQUEMINES PARISH

**ADDITIONAL SPECIFICATION PAGES**

ADDENDUM # 05  
DECEMBER 22, 2011

THE ATTACHED THREE (3) PAGES, PAGES 3-5 OF THIS ADDENDUM, HAVE BEEN  
ADDED TO THE SPECIFICATIONS FOR THE ABOVE REFERENCED SOLICITATION.

PAGES F-2, F-4 & F-6 WERE LEFT OFF OF THE ORIGINAL SPECIFICATIONS

THIS ADDENDUM IS HEREBY OFFICIALLY MADE A PART OF THE REFERENCED  
SOLICITATION.

ACKNOWLEDGEMENT: IF YOU HAVE ALREADY SUBMITTED YOUR BID  
AND THIS ADDENDUM DOES NOT CAUSE YOU TO REVISE YOUR BID, YOU  
SHOULD ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY IDENTIFYING YOUR  
BUSINESS NAME AND BY SIGNING WHERE INDICATED. YOU MAY RETURN  
THIS ACKNOWLEDGEMENT BY MAIL TO: OFFICE OF STATE PURCHASING, POST  
OFFICE BOX 94095 BATON ROUGE, LA 70804-9095 BY HAND DELIVERY TO:  
1201 N. THIRD STREET, SUITE 2-160 BATON ROUGE, LA 70802 OR BY FAX  
TO: (225) 342-8688. THE STATE RESERVES THE RIGHT TO REQUEST A  
COMPLETED ACKNOWLEDGEMENT AT ANY TIME. FAILURE TO EXECUTE AN  
ACKNOWLEDGEMENT SHALL NOT RELIEVE THE BIDDER FROM COMPLYING WITH  
THE TERMS OF THE BID.

FOLD->

ADDENDUM ACKNOWLEDGED / NO CHANGES:

FOR: \_\_\_\_\_ BY: \_\_\_\_\_

REVISION: IF YOU HAVE ALREADY SUBMITTED YOUR BID AND THIS  
ADDENDUM REQUIRES YOU TO REVISE YOUR BID, YOU MUST INDICATE ANY

VENDOR PHONE NUMBER:  
FAX NUMBER:

TITLE

DATE

SIGNATURE OF BIDDER  
(MUST BE SIGNED)

**SOLICITATION AMENDMENT TEXT****INVITATION TO BID**

NUMBER: 2247169  
OPEN DATE: 01/19/12      TIME: 10:00 AM  
T-NUMBER:

BIDDER: \_\_\_\_\_

PAGE

2

CHANGE(S) BELOW, IDENTIFY YOUR BUSINESS NAME AND SIGN WHERE SHOWN.  
REVISIONS SHALL BE DELIVERED PRIOR TO BID OPENING IN A SEALED ENVELOPE  
MARKED WITH THE FILE NUMBER AND THE BID OPENING DATE AND TIME,  
EITHER BY MAIL TO: OFFICE OF STATE PURCHASING, POST OFFICE BOX 94095,  
BATON ROUGE, LA 70804-9095, OR BY HAND DELIVERY TO: 1201 NORTH  
THIRD STREET, SUITE 2-160, BATON ROUGE, LA 70802, OR BY FAX TO:  
225-342-8688. ELECTRONIC TRANSMISSIONS OTHER THAN BY FAX ARE NOT  
BEING ACCEPTED AT THIS TIME.

REVISIONS RECEIVED AFTER BID OPENING SHALL NOT BE CONSIDERED AND YOU  
SHALL BE HELD TO YOUR ORIGINAL BID.

REVISION: \_\_\_\_\_  
\_\_\_\_\_

FOR: \_\_\_\_\_ BY: \_\_\_\_\_

### 3.0 PROJECT AREA AND LOCATION

Survey Investigation Area MR-B is located on the east side of the Mississippi River near Empire, Plaquemines Parish, between approximate River Mile Marker (MM) 29 to 31, and Survey Investigation Area MR-E is located on the west side of the river south of Buras between approximate MM 23 to 24 as presented in Figure 1. The investigation area naming follows convention with prior studies. The polygons represent the general survey area and are not intended to depict the limits of the borrow areas.

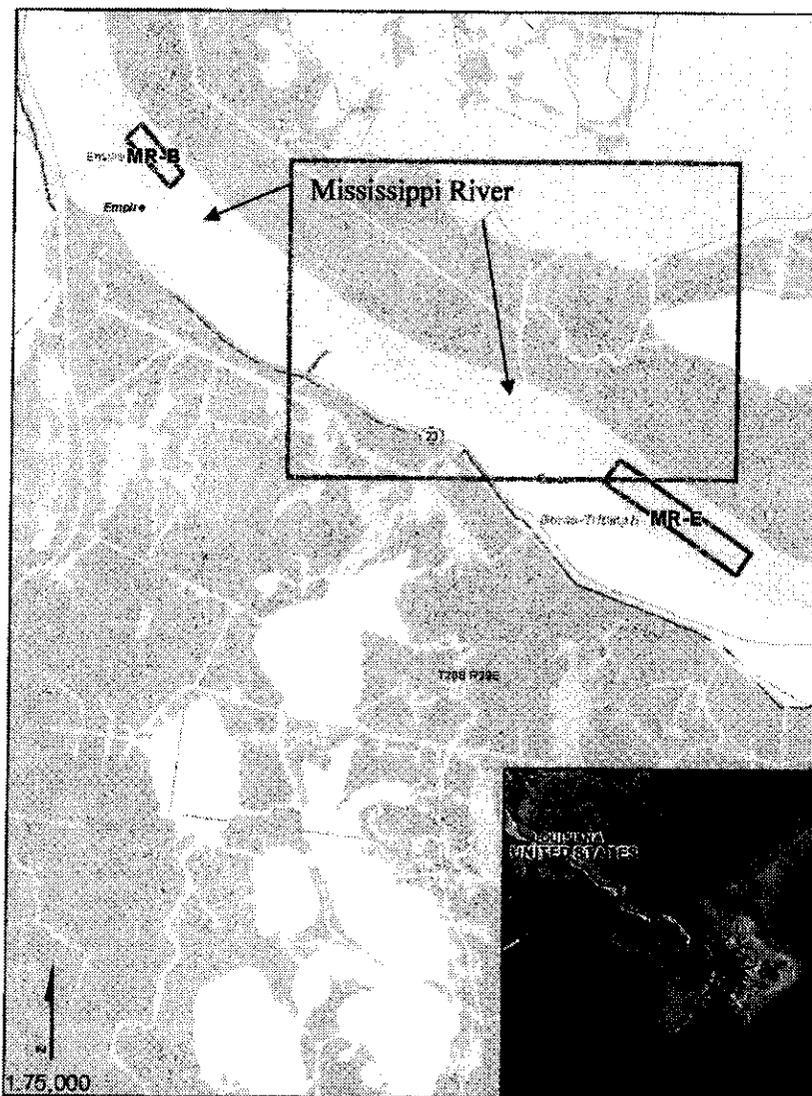


Figure 1: Mississippi River Borrow Area Survey Location Map

core pipe into the sea bottom. An air hose array provides passage of compressed air from the compressor on deck to drive the Vibracore.

Recovery was at least 80 percent on all cores except MRE-08-05, where only 70 percent of the core was recovered. The upper portion of targeted area was penetrated very quickly, indicating the presence of very soft silts or clays.

#### 4.5 Field Methods

The proposed location of each core was entered into the Hypack program, which displays the location of the survey vessel relative to each selected core. The vessel was spudded down within 50 feet of a given core location and the water depth obtained and recorded. Once the vessel was determined to be in a stable position, the Vibracore was lowered to the river bed and coring commenced. Once the Vibracore reached the desired core depth, the air power was turned off, core barrel retracted from the bottom, and Vibracore secured to the deck of the survey boat, where the sample was removed and placed on deck.

#### 5.0 VIBRACORE DATA PRESENTATION

Immediately upon removal of the plastic liner from the core pipe, the sediment filled liners were measured, marked, cut into sections and sealed. Shipboard descriptions were made and the heading data were entered onto the shipboard log sheet. These data included date, time, location, water depth, penetration and recovery information. Table 1 presents a summary of the final core locations for all the samples. Vibracore location maps are presented in Annex F2, Figures F4 and F5.

**Table 1: Vibracore Sample Listing**

Core No.	Date	Time	Easting	Northing	Water Depth	Penetration	Recovery
MRB-08-01	12/19/2008	09:30:30	3832110	335681	44	25.79	25
MRB-08-02	12/19/2008	12:02:05 PM	3832742	332947	42	26.93	23
MRB-08-04	12/20/2008	1:55:00 PM	3834250	330481	45	11.25	None <sup>1</sup>
MRB-08-05	12/19/2008	1:17:26 PM	3836308	328198	41	26.16	21
MRB-08-06	12/19/2008	3:12:24 PM	3837783	326934	38	29.76	24.5
MRB-08-07	12/19/2008	10:27:00 AM	3832227	334768	42	27.53	23.5
MRE-08-05	12/18/2008	3:23:01 PM	3863072	313581	42	28.03	20
MRE-08-07	12/17/2008	5:20:36 PM	3865625	312116	44	17.72	16.5
MRE-08-08	12/18/2008	2:32:55 PM	3865158	312471	40	28.12	25
MRE-08-09	12/17/2008	1:12:05 PM	3861961	314068	38	18.77	18
MRE-08-10	12/17/2008	3:39:40 PM	3863592	313297	44	18.43	18.6
MRE-08-11	12/18/2008	10:43:17 AM	3866407	311734	46	18.93	17
MRE-08-13	12/18/2008	10:33:36 AM	3864226	312822	41	18.9	16

1. No recovery was achieved at this site as the Vibracore fell over, breaking the core pipe.

The penetration graphs for each of the cores are presented in Annex F4. The graph headers

## 7.0 REFERENCES

Alpine Ocean Seismic Survey, Inc. 2009a. Geophysical Survey, MR-B and MR-E Riverine Sand Mining Areas. Final Report Prepared for SJB Group, LLC, Baton Rouge, Louisiana.

Coastal Planning & Engineering. 2004. Technical Assessment of Riverine Sand Mining to Support Scofield Island Restoration. Submitted to National Oceanic and Atmospheric Administration (NOAA) National Marine Fisheries Service.

Coastal Technology Corporation. 2009. Riverine Sand Mining / Scofield Island Restoration (BA-40), Mississippi River Sediment Analysis, Plaquemines Parish, LA. Submitted to SJB Group, LLC, Baton Rouge, Louisiana.

Finkl et al., C.W., J.L. Andrews, L. Benedet, and T. Campbell. 2005. Geotechnical Investigation for Exploration of Sand Resources in the Lower Mississippi River and South Pass, and Exploration for Sand via Vibracoring in South Pelto Blocks 12 & 13. Boca Raton Florida: Coastal Planning & Engineering, Inc. 40p. Report Prepared for the Louisiana Department of Natural Resources, Baton Rouge, Louisiana.

SJB Group, LLC and Coastal Engineering Consultants, Inc. 2010. Mississippi River Riverine Sand Mining / Scofield Island Restoration (BA-40) Preliminary Design Report. LDNR Contract No. 2511-07-02. January 2010. Submitted to Louisiana Department of Natural Resources, Coastal Engineering Division.

U.S. Army Corps of Engineers, New Orleans District. 1971. Mississippi River Levees and Banks, Mile 66 to Mile 10. Soil Report – Part 1, Soil Data Volume 2 – West Bank.