STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

LAKE HERMITAGE MARSH CREATION
PLANTINGS & SAND FENCE PROJECT
BA-42
PLAQUEMINES PARISH

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CHIEF, ENGINEERING DIVISION

ENGINEER MANAGER

ENGINEER SUPERVISOR

PROJECT ENGINEER

COASTAL PROTECTION AND RESTORATION AUTHORITY
100 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

LAKE HERMITAGE MARSH CREATION
PLANTINGS & SAND FENCE PROJECT

STATE PROJECT NUMBER: BA-42
FEDERAL PROJECT NUMBER: BA-42
DATE: APRIL 2013

DRAWN BY: SHANE FAULT DESIGNED BY: SHANE FAULT
APPROVED BY: SHANNON BAYNE, P.E.
GENERAL NOTES

1. PLANS AND SPECIFICATIONS ARE COMPLEMENTARY; WHAT IS REQUIRED BY ONE IS BINDING AS IF REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER, IF NECESSARY.

2. EXACT LOCATION OF ALL PLANTS SHALL BE DETERMINED ON SITE BY THE ENGINEER DURING PRE-CONSTRUCTION LAYOUT.

3. ALL DISTANCE MEASUREMENTS SHOWN ON THE PLANS ARE APPROXIMATE.

4. NO EQUIPMENT MAY ALTER THE EXISTING CONDITIONS OF THE NEWLY CREATED MARSH PLATFORM OR DISTURB EXISTING VEGETATION.

5. ANY DAMAGE TO EXISTING U.S. COAST GUARD NAVIGATION AIDS OR PRIVATE NAVIGATION AIDS SHALL BE REPAIRED BY THE CONTRACTOR TO U.S. COAST GUARD STANDARDS AT THE EXPENSE OF THE CONTRACTOR.

6. MEAN HIGH WATER (MHW) AND MEAN LOW WATER (MLW) ARE CALCULATED FROM THE LONG GAGE B404-17 LOCATED NEAR POINTE A LA HACHE, LA. ELEVATIONS ARE REFERENCED TO NAVD 88, US FEET.

7. ALL EQUIPMENT SHALL BE FLOATING AT ALL TIMES DURING TRANSIT TO AND FROM THE PROJECT SITE.

SUMMARY OF ESTIMATED QUANTITIES

<table>
<thead>
<tr>
<th>REF. NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>ESTIMATED QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SEASHORE PASPALUM 4&quot; CONTAINERS</td>
<td>EACH</td>
<td>4,685</td>
</tr>
<tr>
<td>2</td>
<td>SMOOTH CORDGRASS PLUGS</td>
<td>EACH</td>
<td>14,330</td>
</tr>
<tr>
<td>3</td>
<td>SAND FENCING</td>
<td>LINEAR FEET</td>
<td>5,866</td>
</tr>
</tbody>
</table>

QUANTITIES SHOWN ARE FOR BID PURPOSES ONLY AND WERE CALCULATED ACCORDING TO CONDITIONS SURVEYED IN OCTOBER 2010. THE OWNER RESERVES THE RIGHT TO ADJUST QUANTITIES HIGHER OR LOWER WITHOUT ADJUSTMENT OF THE UNIT PRICE.
NOTES:
1. SEASHORE PASPALUM PLANTS SHALL BE PLANTED ON FIVE (5) FOOT CENTERS WITH ROWS FIVE (5) FOOT APART.
2. SMOOTH CORDGRASS PLANTS SHALL BE PLANTED ON THREE (3) FOOT CENTERS WITH ROWS THREE (3) FOOT APART.
3. LOCATION OF PLANT ROWS ARE APPROXIMATE. SPECIES LOCATIONS ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS AND/OR CONSTRUCTION VARIABLES.
GAPPING DETAIL
NOT TO SCALE

SAND FENCE DETAIL
NOT TO SCALE

WRAP SPACING WIRE ONTO SLAT WIRE A MIN. OF 4 SLATS PAST OVERLAP (TYP.)

MIN. OVERLAP OF 2 SLATS FOR SPlicing

SPLICE DETAIL
NOT TO SCALE

NOTE:
POST CONNECTION AND SPlicing wires shall be tied top, middle, and bottom.

NOTE:
2" GALV. STAPLES MAY BE USED TO ATTACH SAND FENCE TO 4" X 4" POSTS IN LIEU OF THE WIRE.

13 GA. STEEL GALVANIZED WIRE STRANDS
4" WOOD SLATS 3/4" X 1-1/2"

1/2" GRADE NEW LUMBER, UNTREATED (SEE SPECIFICATIONS)

±10' D.C.