GENERAL NOTES:


3. TERRACE AREA SURVEY DATA SHOWN ON THE PLANS IS BASED ON FIELD SURVEYS PERFORMED FROM FEBRUARY THROUGH MAY 2014 BY T. BAKER SMITH. ANY QUANTITIES SHOWN ARE FOR BIDDING PURPOSES ONLY AND ARE BASED ON THESE SURVEYS. QUANTITIES WERE CALCULATED USING AUTOCAD DIGITAL TERRAIN MODELS.

4. TWO CPA SECONDARY BENCHMARKS WERE USED AS HORIZONTAL AND VERTICAL SURVEY CONTROL FOR ALL TERRACE AREA SURVEYS: BM-1-SM-01 & BM-3C-SM-02. ONE OR MORE OF THESE BENCHMARKS WERE USED FOR DAY-TO-DAY CONTROL BASED ON THEIR PROXIMITY TO THE SURVEY.

SECONDARY MONUMENT ELEVATION NORTHING EASTING
BM-3C-SM-02 -1.43 425,541.04 5,701,364.95
BM-1-SM-01 +4.22 417,312.61 5,673,985.83

5. THE EARTEN TERRACES MAY BE REVISED BY THE ENGINEER AT THE TIME OF CONSTRUCTION TO REFLECT CHANGES IN FIELD CONDITIONS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING ALONG THE ACCESS CORRIDOR TO THE PROJECT AREA. DREDGING IS NOT ALLOWED FOR ACCESS. THE ENGINEER OR RESIDENT PROJECT REPRESENTATIVE SHALL MONITOR THE EQUIPMENT LOCATION DURING CONSTRUCTION.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE AND UTILITY OPERATORS 72 HOURS IN ADVANCE OF THE WORK. THE FOLLOWING IS A LIST OF PIPELINE OPERATORS KNOWN TO HAVE PIPELINES IN THE VICINITY: CALL LOUISIANA GAS CALL 1-800-272-3929 5 DAYS PRIOR TO EXCAVATION TO LOCATE ANY OTHER PIPELINES OR UTILITY.

8. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL EXTENTS OF THE 20' SHELL PIPELINE IN THE VICINITY OF THE PROJECT WORK LIMITS. NO EXCAVATION SHALL OCCUR WITHIN 150' OF ANY PIPELINE. A SHELL REPRESENTATIVE SHALL BE PRESENT WHEN EQUIPMENT IS TO CROSS THE 20' SHELL PIPELINE. THE ONLY CORRIDOR TO BE USED TO CROSS THE SHELL PIPELINE SHALL BE THE SHELL ACCESS ROAD UNLESS OTHERWISE DIRECTED BY THE SHELL REPRESENTATIVE.

SHELL OIL PIPELINE COMPANY LP
KEVIN ARCCENEAUX
PHONE: (985) 730-2388
ENTERGY OVERHEAD
TRANSMISSION LINE
CONTACT: JOSEPH GRAMMALVA
PHONE: (504) 219-4207

SUMMARY OF ESTIMATED QUANTITIES:

BASE PROJECT

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>ESTIMATED QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MODIFICATION AND DEMOLISHMENT</td>
<td>LUMP SUM</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>TERRACING/MECHANICAL DREDGING</td>
<td>LINEAR FEET</td>
<td>0,870</td>
</tr>
<tr>
<td>3</td>
<td>CONSTRUCTION SURVEYS</td>
<td>LUMP SUM</td>
<td>1</td>
</tr>
</tbody>
</table>

1. WHERE THE QUANTITY OF WORK WITH RESPECT TO ANY ITEM IS COVERED BY A UNIT PRICE, SUCH QUANTITIES ARE ESTIMATED QUANTITIES TO BE USED WHEN COMPARING BIDS AND THE RIGHT IS RESERVED TO THE OWNER TO INCREASE/DECREASE SUCH QUANTITIES AS MAY BE NECESSARY TO COMPLETE THE WORK AND/OR REMAIN WITHIN THE FUNDING LIMITS. IN THE EVENT OF MATERIAL UNDERRUN/OWRUN, THE BID UNIT COSTS WILL BE USED TO DETERMINE PAYMENT TO THE CONTRACTOR.

2. MODIFICATION AND DEMOLISHMENT SHALL INCLUDE ALL APPROPRIATE COSTS ASSOCIATED WITH CONSTRUCTING ALL FEATURES LISTED IN THE SPECIFICATIONS AND/OR SHOWN IN THE PLANS.

3. THE LINEAR FEET OF THE EARTEN TERRACES WERE ESTIMATED FOR CONSTRUCTION USING AERIAL PHOTOGRAPHY, FIELD SURVEYS, AND AUTOCAD. THE OWNER RESERVES THE RIGHT TO REQUEST ADDITIONAL EARTEN TERRACES BE BUILT FOR CONSTRUCTION AT THE CONTRACTOR'S BID PRICE PER LINEAR FOOT.

4. THE CONTRACTOR SHALL OBTAIN PER-CONSTRUCTION SURVEYS ALONG THE SURVEY TRANSCITS DISPLAYED ON SHEET 7. CONTRACTOR SHALL SUBMIT SURVEY PLAN TO PROJECT ENGINEER FOR APPROVAL PRIOR TO SURVEY.

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

BAYOU DUPONT SEGMENT DELIVERY
MAKING CREATION 41 - EARTEN TERRACES
STATE PROJECT NUMBER: BA-164

DRAWN BY: SHAYNA EASLEY
REVIEWED BY: NICHOLAS COX, PE
APPROVED BY: JOSEPH HILD, PE

SHEET 2 OF 17
NOTES:
1. EXISTING PIPELINE INFORMATION SHOWN ON PLANS IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY PIPELINE LOCATIONS PRIOR TO BEGINNING CONSTRUCTION AS PER SPECIFICATIONS.
2. ALL EXISTING PIPELINES LOCATED WITHIN 150' OF THE EARTHEN TERRACES, ACCESS CORRIDOR, OR WORK LIMITS SHALL BE PROTECTED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR AT NO TIME SHALL EXCAVATE WITHIN 150' OF ANY PIPELINE.
3. THE CONTRACTOR'S ACCESS CORRIDOR AND CONSTRUCTION LIMITS SHALL BE SUBMITTED IN THE WORK PLAN AS PER THE SPECIFICATIONS.
4. CONTRACTOR SHALL NOT IRRIGATE/DRAINAGE CANALS SHALL BE KEPT CLEAR OF ANY OBSTRACTION.
5. CONTRACTOR SHALL STAY ON RAVENNA ROAD FROM STA 0+00 TO STA 112+00. CONTRACTOR SHALL STAY WITHIN LIMITS OF EXISTING BA-39 ACCESS CORRIDOR (60' WIDTH) FROM STA 112+00 TO STA 123+60. CONTRACTOR SHALL STAY BETWEEN THE BANKS OF THE DRAINAGE CANAL FROM STA 123+60 TO STA 164+93. CONTRACTOR SHALL AT NO TIME HAVE EQUIPMENT ON THE MARSH OUTSIDE OF THESE LIMITS OR THE PROJECT WORK LIMITS.

LEGEND

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

STATE PROJECT NUMBER: BA-164
DATE: Aug 2016
BAYOU DUPO DIRT DELIVERY
MARSH CREATION 83 - EARTHEN TERRACES

ACCESS CORRIDOR

DRAWN BY: SEATNA BARNES
CHECKED BY: NICHOLAS COX, PE
APPROVED BY: JONATHAN HIBBLIN
SHEET 4 OF 17
The access corridor transitions to the O&G canal at a permanent canal crossing. The crossing is constructed of fill material from a previously constructed project as well as geotextile fabric and rook. Shoreline protection. Contractor shall fix any impacts to the crossing from machinery used for construction and return this area to pre-existing conditions prior to demobilization.