**Palm Beach County**

**Department of Environmental Resources Management**

**Construction Contract Bid Tabulation**

---

**Project No.:** 2015ERM01 (3 year quantities)  
**Project Name:** Palm Beach County Artificial Reef & Breakwater Annual Contract  
**Bid Opening:** March 10, 2015  
**Contract Time:** Initial 12 months, not to exceed 36 months total Contract Time

---

### General

<table>
<thead>
<tr>
<th>BASE BID ITEMS</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT COST</th>
<th>TOTAL COST</th>
<th>ERM Estimate</th>
<th>Average of All Bids</th>
<th>The Vance Construction Co.</th>
<th>Coston Marine Services, Inc.</th>
<th>Arbor Tree &amp; Land Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$201.75</td>
<td>$201.75</td>
<td>$275.26</td>
<td>$201.75</td>
<td>$275.26</td>
</tr>
</tbody>
</table>

### Materials Supply

1. Supply Limestone Rock (3' to 4' diameter)  
   - **Quanity:** 7,099 Ton  
   - **Unit:** 60.00  
   - **Cost:** 425,940.00  

2. Supply Limestone Rock (2' to 3' diameter)  
   - **Quanity:** 16,050 Ton  
   - **Unit:** 50.00  
   - **Cost:** 802,500.00  

3. Supply Bedding Stone  
   - **Quanity:** 2,700 Ton  
   - **Unit:** 50.00  
   - **Cost:** 135,000.00  

4. Supply Sand  
   - **Quanity:** 10,000 Ton  
   - **Unit:** 20.00  
   - **Cost:** 200,000.00  

5. Supply Filter Fabric  
   - **Quanity:** 16,600 SY  
   - **Unit:** 4.00  
   - **Cost:** 66,400.00  

### Offshore Limestone Reef Construction

6. Load/Install Rock  
   - **Quanity:** 5,300 Ton  
   - **Unit:** 60.00  
   - **Cost:** 318,000.00  

7. Transport Rock²  
   - **Quanity:** 94,200 Ton-Mile  
   - **Unit:** 2.00  
   - **Cost:** 188,400.00  

8. Donated Reef Materials  
   - **Quanity:** 400 Ton  
   - **Unit:** 100.00  
   - **Cost:** 40,000.00  

9. Load/Install Reef Materials with Crane and Diver  
   - **Quanity:** 150 Ton  
   - **Unit:** 250.00  
   - **Cost:** 37,500.00  

10. Transport Reef Materials²  
    - **Quanity:** 4,950 Ton-Mile  
    - **Unit:** 2.00  
    - **Cost:** 9,900.00  

### Inshore Breakwater/Reef Construction

11. Load/Install Filter Fabric  
    - **Quanity:** 15,350 SY  
    - **Unit:** 5.00  
    - **Cost:** 76,750.00  

12. Load/Install Bedding Stone  
    - **Quanity:** 2,700 Ton  
    - **Unit:** 40.00  
    - **Cost:** 108,000.00  

13. Load/Install Armor Stone  
    - **Quanity:** 19,910 Ton  
    - **Unit:** 50.00  
    - **Cost:** 995,500.00  

14. Transport All Materials¹  
    - **Quanity:** 195,900 Ton-Mile  
    - **Unit:** 1.00  
    - **Cost:** 195,900.00  

### Miscellaneous Inshore Construction

15. Load/Install Sand  
    - **Quanity:** 10,000 Ton  
    - **Unit:** 15.00  
    - **Cost:** 150,000.00  

16. Transport Sand²  
    - **Quanity:** 80,000 Ton-Mile  
    - **Unit:** 1.00  
    - **Cost:** 80,000.00  

### Piling

17. Load Prestressed 14" Square Concrete Piling  
    - **Quanity:** 270 Linear Foot  
    - **Unit:** 18.00  
    - **Cost:** 4,860.00  

18. Load/Install Concrete Piling in Sand Substrate including 1 sign provided by County  
    - **Quanity:** 3 Each  
    - **Unit:** 2,000.00  
    - **Cost:** 6,000.00  

19. Load/Install Concrete Piling in Rock Substrate including 1 sign provided by County  
    - **Quanity:** 6 Each  
    - **Unit:** 2,800.00  
    - **Cost:** 16,800.00

---

**BASE BID**  
$4,151,450.00  
$3,725,994.17  
$3,219,209.50  
$3,761,657.29  
$4,197,115.73

---

1. Mobilization/demobilization costs shall be allowed once for Work Orders with overlapping construction schedules.  
2. Transport ton-miles will be calculated as outlined in Article 22 of the Technical Specifications.

This tabulation is not a recommendation for award. All bids are subject to compliance review and approval.

Numbers in **bold italic** indicate a calculation correction.

1 of 1
#### Palm Beach County
Department of Environmental Resources Management
Construction Contract Bid Tabulation

**Project No.:** 2015ERM01 (1 year quantities)
**Project Name:** Palm Beach County Artificial Reef & Breakwater Annual Contract
**Bid Opening:** March 10, 2015
**Contract Time:** Initial 12 months, not to exceed 36 months total Contract Time

<table>
<thead>
<tr>
<th>General</th>
<th>ERM Estimate</th>
<th>Average of All Bids</th>
<th>The Vance Construction Co.</th>
<th>Coston Marine Services, Inc.</th>
<th>Arbor Tree &amp; Land Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BASE BID ITEMS</strong></td>
<td><strong>QUANTITY</strong></td>
<td><strong>UNIT</strong></td>
<td><strong>UNIT COST</strong></td>
<td><strong>TOTAL COST</strong></td>
<td><strong>UNIT COST</strong></td>
</tr>
<tr>
<td>1 Turbidity Monitoring/Reporting</td>
<td>40</td>
<td>Day</td>
<td>$200.00</td>
<td>$8,000.00</td>
<td>201.75</td>
</tr>
<tr>
<td>2 Turbidity Curtain</td>
<td>200</td>
<td>Foot</td>
<td>10.00</td>
<td>2,000.00</td>
<td>16.68</td>
</tr>
<tr>
<td>3 Mobilization &amp; Demobilization(^1)</td>
<td>3</td>
<td>Work Order</td>
<td>30,000.00</td>
<td>90,000.00</td>
<td>20,666.67</td>
</tr>
<tr>
<td><strong>Materials Supply</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Supply Limestone Rock (3’ to 4’ diameter)</td>
<td>4,560</td>
<td>Ton</td>
<td>60.00</td>
<td>273,600.00</td>
<td>66.05</td>
</tr>
<tr>
<td>5 Supply Limestone Rock (2’ to 3’ diameter)</td>
<td>4,850</td>
<td>Ton</td>
<td>50.00</td>
<td>242,500.00</td>
<td>53.77</td>
</tr>
<tr>
<td>6 Supply Bedding Stone</td>
<td>650</td>
<td>Ton</td>
<td>50.00</td>
<td>32,500.00</td>
<td>40.66</td>
</tr>
<tr>
<td>7 Supply Sand</td>
<td>0</td>
<td>20.00</td>
<td>-</td>
<td>-</td>
<td>20.95</td>
</tr>
<tr>
<td>8 Supply Filter Fabric</td>
<td>5,100</td>
<td>SY</td>
<td>4.00</td>
<td>20,400.00</td>
<td>2.97</td>
</tr>
<tr>
<td><strong>Offshore Limestone Reef Construction</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Load/Install Rock</td>
<td>2,300</td>
<td>Ton</td>
<td>60.00</td>
<td>138,000.00</td>
<td>49.33</td>
</tr>
<tr>
<td>10 Transport Rock(^2)</td>
<td>29,700</td>
<td>Ton-Mile</td>
<td>2.00</td>
<td>59,400.00</td>
<td>1.08</td>
</tr>
<tr>
<td><strong>Donated Reef Materials</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 Load/Install Reef Materials</td>
<td>400</td>
<td>Ton</td>
<td>100.00</td>
<td>40,000.00</td>
<td>61.72</td>
</tr>
<tr>
<td>12 Load/Install Reef Materials with Crane and Diver</td>
<td>150</td>
<td>Ton</td>
<td>250.00</td>
<td>37,500.00</td>
<td>126.74</td>
</tr>
<tr>
<td>13 Transport Reef Materials(^2)</td>
<td>4,950</td>
<td>Ton-Mile</td>
<td>2.00</td>
<td>9,900.00</td>
<td>1.62</td>
</tr>
<tr>
<td><strong>Inshore Breakwater/Reef Construction</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 Load/Install Filter Fabric</td>
<td>3,850</td>
<td>SY</td>
<td>5.00</td>
<td>19,250.00</td>
<td>4.50</td>
</tr>
<tr>
<td>15 Load/Install Bedding Stone</td>
<td>650</td>
<td>Ton</td>
<td>40.00</td>
<td>26,000.00</td>
<td>36.23</td>
</tr>
<tr>
<td>16 Load/Install Armor Stone</td>
<td>8,360</td>
<td>Ton</td>
<td>50.00</td>
<td>418,000.00</td>
<td>42.39</td>
</tr>
<tr>
<td>17 Transport All Materials(^2)</td>
<td>117,000</td>
<td>Ton-Mile</td>
<td>1.00</td>
<td>117,000.00</td>
<td>0.85</td>
</tr>
<tr>
<td><strong>Miscellaneous Inshore Construction</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 Load/Install Sand</td>
<td>0</td>
<td>Ton</td>
<td>15.00</td>
<td>-</td>
<td>9.55</td>
</tr>
<tr>
<td>19 Transport Sand(^2)</td>
<td>0</td>
<td>Ton-Mile</td>
<td>1.00</td>
<td>-</td>
<td>1.11</td>
</tr>
<tr>
<td><strong>Pilings</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 Supply Prestressed 14’ Square Concrete Piling</td>
<td>120</td>
<td>Linear Foot</td>
<td>18.00</td>
<td>2,160.00</td>
<td>27.03</td>
</tr>
<tr>
<td>21 Load/Install Concrete Piling in Sand Substrate including 1 sign provided by County</td>
<td>0</td>
<td>Each</td>
<td>2,000.00</td>
<td>-</td>
<td>2,774.92</td>
</tr>
<tr>
<td>22 Load/Install Concrete Piling in Rock Substrate including 1 sign provided by County</td>
<td>4</td>
<td>Each</td>
<td>2,800.00</td>
<td>11,200.00</td>
<td>3,654.52</td>
</tr>
</tbody>
</table>

\(^1\) Mobilization/demobilization costs shall be allowed once for Work Orders with overlapping construction schedules;\(^2\) transport ton-miles will be calculated as outlined in Article 22 of the Technical Specifications.

This tabulation is not a recommendation for award. All bids are subject to compliance review and approval. Numbers in **bold italic** indicate a calculation correction.

BASE BID $1,547,410.00 | $1,386,643.03 | $1,178,684.50 | $1,415,196.38 | $1,566,048.20

1 of 1