UPCOMING DESIGN & CONSTRUCTION PROJECTS
4th Quarter 2019
(Project & Construction Management)
DESIGN PHASE PROJECTS
The scope of work includes the design and construction of approximately 25 acres of concrete pavement (18” roller compacted concrete) for storage of containers as well as traffic lanes to maintain circulation into and around storage areas.

<table>
<thead>
<tr>
<th>Design Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 2nd Qtr. 2020 – 4th Qtr. 2020 | **Consultants**
92533
96258 | **Contractors**
91360
91327
90976 | • Demolition
• Concrete
• Grading
• Excavation | Derek Garrett
713-670-2837
dgarrett@porthouston.com |
Rehabilitation of Wharf 8 at Turning Basin Terminal will consist of structural concrete repair and fender replacement.

<table>
<thead>
<tr>
<th>Design Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1st Qtr. 2020 – 3rd Qtr. 2020 | **Consultants** 96258 92533 | **Contractors** 90976 91223 91430 91484 90505 91572 | **• Structural Concrete Repair**  **• Fender Replacement**  **• Pile Driving**  **• Steel Rebar**  **• Concrete forming**  **• Striping**  **• Photography**  
Jessica Shambra 713-670-2527 jshambra@porthouston.com |
The project consists of the preparation of a detailed design of a water tank based fire suppression system at the Barbours Cut Terminal.

<table>
<thead>
<tr>
<th>Design Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Qtr. 2020</td>
<td><strong>Consultants</strong>&lt;br&gt;92539&lt;br&gt;92533&lt;br&gt;92556&lt;br&gt;92597</td>
<td>• Engineering Design&lt;br&gt;• Concrete Foundation&lt;br&gt;• Plumbing Work&lt;br&gt;• Electrical Installation&lt;br&gt;• Pump house</td>
<td>Bill Aguirre&lt;br&gt;713-670-2484&lt;br&gt;<a href="mailto:baguirre@porthouston.com">baguirre@porthouston.com</a></td>
</tr>
</tbody>
</table>
# Turning Basin - Transit Sheds 30-31 - Roof Repair

Roof removal and replacement for Transit Sheds 30/31

<table>
<thead>
<tr>
<th>Design Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Qtr. 2020 - 2&lt;sup&gt;nd&lt;/sup&gt; Qtr. 2020</td>
<td><strong>Consultants</strong>&lt;br&gt;92533&lt;br&gt;90714&lt;br&gt;77056&lt;br&gt;96894</td>
<td><strong>Contractors</strong>&lt;br&gt;91473&lt;br&gt;90976&lt;br&gt;92678</td>
<td>- Roofing Repair&lt;br&gt;- Surveying</td>
</tr>
</tbody>
</table>
CONSTRUCTION PHASE PROJECTS
Construction of a new Maintenance Complex at Barbours Cut Container Terminal including an approximate 128,000 sf maintenance building, fuel and wash areas, associated utilities, and parking.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 3rd Qtr. 2020 – 2nd Qtr. 2022 | 90924 91438 90976 91450 91316 91468 91360 90505 91430 91572 | • Utility Systems  
• Electrical Work  
• Plumbing  
• HVAC  
• Building Fixtures & Finishes  
• Photography | Jessica Shambra  
713-670-2527  
jshambra@porthouston.com |
This project will add 1 additional lane to both the inbound and outbound lanes of existing Port Road. This project will also include installing new reinforced concrete boxes under Port Road and in existing Ditch ‘D’ to drain 95.5 acre U shaped Port property.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Qtr. 2020 - 1st Qtr. 2022</td>
<td>91832 91846 92533</td>
<td>• Concrete reinforcement  • Demolition  • Earthwork</td>
<td>Harvey Ross 713-670-2665 <a href="mailto:hross@porthouston.com">hross@porthouston.com</a></td>
</tr>
</tbody>
</table>
This project consists of modifying and widening the existing Entry Gate Lanes, to allow enough space for 2 truck to enter the Gate Facility simultaneously.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1<sup>st</sup> Qtr. 2020 – 2<sup>nd</sup> Qtr. 2020 | 91832, 91846, 92533 | • Concrete reinforcement  
• Demolition  
• Earthwork | Harvey Ross  
713-670-2665  
hross@porthouston.com |
Bayport - East End at Bayport Container Terminal (CY2S)

Construction of approximately 18 acres of container yard (18” roller compacted concrete) and associated work at Bayport Container Terminal.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1st Qtr. 2020 – 3rd Qtr. 2021    | 90976, 91223, 91360, 91430, 91438, 91276 | • Material Testing  
• Surveying  
• Security  
• Electrical  
• Signs and striping  
• Photography | Jessica Shambra  
713-670-2527  
jshamba@porthouston.com |
Bayport - Rehabilitation of Wharves 4 and 5

Structural concrete repair and upgrade.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1st Qtr. 2020 - 1st Qtr. 2021 | 91223, 91438, 90976, 91430, 91400, 95990, 95935 | • Structural Concrete Repair  
• Pile Driving  
• Steel Rebar  
• Concrete forming  
• Striping  
• Photography | Eddy Kharrazi  
713-670-2544  
ekharrazi@porthouston.com |
Bayport - Container Yard 7 Security

Provide security CTV cameras, conduits, manholes and network connections.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 2nd Qtr. 2020 – 4th Qtr. 2020 | 91316, 99000, 28500, 91438 | • Security  
• Conduit  
• Photography  
• Electrical | Bill Aguirre  
713-670-2484  
baguirre@porthouston.com |
This is a one year contract of concrete replacement at Turning Basin Terminal. The work will consist of removing damaged and or deteriorating concrete pavement in 2020.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1st Qtr. 2020 – 4th Qtr. 2020 | 91327 | • Saw-cutting  
• Paving  
• Excavation  
• Concrete traffic barriers | Barbara H. Smith  
713-670-2483  
bhsmith@porthouston.com |
This project will consist of blasting, priming and painting the wharf cranes and RTG cranes on an "as needed" basis.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Qtr. 2020 – 4&lt;sup&gt;th&lt;/sup&gt; Qtr. 2020</td>
<td>91484</td>
<td>• Photography</td>
<td>Derek Garrett</td>
</tr>
<tr>
<td></td>
<td>91461</td>
<td>• Fuel Supplier</td>
<td>713-670-2400</td>
</tr>
<tr>
<td></td>
<td>92900</td>
<td>• Portable Toilets</td>
<td><a href="mailto:dgarrett@poha.com">dgarrett@poha.com</a></td>
</tr>
</tbody>
</table>
This project includes surface preparation, repair and replacement of various fender system elements at Barbours Cut and Bayport Terminals in 2020.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1st Qtr. 2020 - 4th Qtr. 2020 | 91223 | • Metal Fabrication  
• Storm Water Controls  
• Photography | Barbara H. Smith  
713-670-2483  
bhsmith@porthouston.com |
Turning Basin North - Restrooms Restoration

Demo and replacement of new restroom facilities at Northside Turning Basin including associated utility work.

**Construction Time Frame**

<table>
<thead>
<tr>
<th>Time Frame</th>
<th>NIGP Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Qtr. 2020 – 2nd Qtr. 2021</td>
<td>90924 91360 91438 91430 90976 91450 91316 91468</td>
</tr>
</tbody>
</table>

**Small Business Opportunities**

- Electrical Work
- Plumbing
- HVAC
- Building Fixtures & Finishes

**PHA Contact**

Jessica Shambra
713-670-2527
jshambra@porthouston.com
Paving and repair of asphalt roads, ditch irrigation and spraying to off roads for dust control purposes.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1<sup>st</sup> Qtr. 2020 - 4<sup>th</sup> Qtr. 2020 | 90976  
  91327 | • Paving  
  • Asphalt  
  • Drainage | Derek Garrett  
  713-670-2837  
  dgarrett@porthouston.com |
Turning Basin - Annual Concrete Replacement 2020

This is a one year contract of concrete replacement at Turning Basin Terminal. The work will consist of removing damaged and or deteriorating concrete pavement in 2020.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1st Qtr. 2020 – 4th Qtr. 2020 | 91327      | • Concrete  
• Excavation  
• Saw-cutting  
• Concrete Traffic Barriers | Barbara H. Smith  
713-670-2483  
bhsmith@porthouston.com |
Painting and resurfacing of Steel Bulkhead walls to prevent corrosion and structural damage at Turning Basin North, South, and CARE Terminals

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1st Qtr. 2020 - 4th Qtr. 2020 | 91461, 91484, 81000, 63159 | • Painting  
• Steel Repair  
• Water blasting  
• Painting  
• Sandblasting | Derek Garrett  
713-670-2837  
dgarrett@porthouston.com |
Manchester - Rehabilitation and Repair of Wharf 2

Structural concrete repair, fender replacement, pile replacement, and geotechnical rehabilitation.

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 3rd Qtr. 2020 - 3rd Qtr. 2021 | 91484 91223 91438 90976 91430 | • Structural Concrete Repair  
• Fender Replacement  
• Pile Driving  
• Steel Rebar  
• Concrete forming  
• Striping  
• Photography | Eddy Kharrazi  
713-670-2544  
ekharrazi@porthouston.com |
## Turning Basin North - Ramp Road 7 Speed Gate

### Gate Replacement, Electrical, and Fiber Optics

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1st Qtr. 2020 - 2nd Qtr. 2020 | 91438, 91430, 28500, 99000, 20928 | • Electrical  
• Fiber Optics              | Derek Garrett  
713-670-2837  
dgarrett@porthouston.com |
Turning Basin - Rehabilitation and Repair of Wharf 9

**Structural concrete repair, fender replacement, and geotechnical rehabilitation.**

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| 1<sup>st</sup> Qtr. 2020 - 1<sup>st</sup> Qtr. 2021 | 91484, 91223, 91438, 90976, 91430 | • Structural Concrete Repair  
• Fender Replacement  
• Pile Driving  
• Steel Rebar  
• Concrete forming  
• Striping  
• Photography | Derek Garrett  
713-670-2837  
dgarrett@porthouston.com |