Port Houston:

UPCOMING DESIGN & CONSTRUCTION PROJECTS
(Project & Construction Management)

4th Quarter 2020
DESIGN PHASE PROJECTS
Professional Engineering Services for Construction Cost Estimating

Port Wide 2021.

Services will include the review of construction cost estimate, construction schedules and developing high level estimate schedules and conceptual designs.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement - 4th Qtr. 2020  
Projected Award - 1st Qtr. 2021 | **Consultants**  
96121  
91114  
91119 | • Construction Estimating | Bill Aguirre  
713-670-2484  
baguirre@porthouston.com |

**Design Time Frame**

1st Qtr. 2021 – 4th Qtr. 2021
The Port of Houston is seeking a consultant or consulting team to perform construction materials testing (CMT) services during the construction of the wharf 6 and site development at the Bayport Container Terminal.

### Procurement Time Frame
- **Projected Advertisement**: 4th Qtr. 2020
- **Projected Award**: 1st Qtr. 2021

### NIGP Codes
- **Consultants**
  - 90783 90742
  - 96148 91275
  - 92546 99234

### Small Business Opportunities
- Concrete testing
- Soils testing
- Drilled Shaft Inspection

### PHA Contact
- Bill Aguirre
- 713-670-2484
- baguirre@porthouston.com

### Design Time Frame
- **1st Qtr. 2021** - **3rd Qtr. 2023**
The project consists of performing baseline field inspections of all electrical equipment at Bayport and Barbours Cut Container Terminals, calculate asset condition for all asset classes from component to terminal (property) level and convert all data and store into the PHA asset database and GIS systems.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement - 4th Qtr. 2020 | **Consultants** 92531 93677 99239 | • Electrical Inspections  
• Electrical Engineering | Bill Aguirre  
713-670-2484  
baguirre@porthouston.com |
| Projected Award - 1st Qtr. 2021 |            |                                               |                              |

**Design Time Frame**  
1st Qtr. 2021 - 4th Qtr. 2021
This project will include clearing, grubbing, fill and grading of site in preparation for potential tenant development.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 4th Qtr. 2020 | **Consultants** 92517 92528 92533 | • Earthwork  
• Trucking  
• Environmental | Harvey Ross  
713-670-2665  
hross@porthouston.com |
| Projected Award – 1st Qtr. 2021 | **Contractors** 90957 91345 91339 90976 | | |

**Design Time Frame**

1st Qtr. 2021 - 2nd Qtr. 2021
This project will include the development of a Mini Master Plan, 30% design of all Container Yards and 100% Design package for the Rehabilitation of existing Container Yards 4 North and 5 North (CY 4N/5N)

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Advertisement - 4th Qtr. 2020</td>
<td>Consultants 92517 92519 92528 92533 92537</td>
<td>Contractors 90957 91395 91300 91345 91339 91362</td>
<td>Concrete Paving  Trucking  Environmental  Underground Utilities  Electrical  Demolition</td>
</tr>
<tr>
<td>Projected Award – 1st Qtr. 2021</td>
<td></td>
<td></td>
<td>Harvey Ross 713-670-2665 <a href="mailto:hross@porthouston.com">hross@porthouston.com</a></td>
</tr>
</tbody>
</table>

Design Time Frame

<table>
<thead>
<tr>
<th>2nd Qtr. 2021 – 2nd Qtr. 2023</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>
Barbours Cut Terminal Restoration and Upgrade Project – Rehabilitation of Wharves 4, 5 and 6

This project consists of 30% design of wharves 4, 5 and 6, all 2,667 ft and 100% Design package for the Rehabilitation of Wharf 4 (2/3) and Wharf 5 (2/3) for a combined 1,333 feet.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
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<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement - 4th Qtr. 2020 | **Consultants** 92517 92519 92528 92533 92537 | • Concrete Paving  
• Trucking  
• Environmental  
• Underground Utilities  
• Electrical  
• Demolition | Harvey Ross  
713-670-2665  
hross@porthouston.com |
| Projected Award – 1st Qtr. 2021 | **Contractors** 90957 91300 91345 91339 91362 | | |

Design Time Frame

2nd Qtr. 2021 – 2nd Qtr. 2023
TBN - Replace Dredge Pipe Sleeve Upstream of Wharf 18

Condition assessment of existing pipe sleeve route and trenchless design for replacement of approximately 450 LF of steel pipe sleeve under the rail yard to house dredge pipe.

**Procurement Time Frame**
- Projected Advertisement – 4th Qtr. 2020
- Projected Award – 1st Qtr. 2021

**Design Time Frame**
- 1st Qtr. 2021 – 3rd Qtr. 2021

**NIGP Codes**
- **Consultants**
  - 92533
  - 92594
- **Contractors**
  - 91223
  - 91339
  - 91355

**Small Business Opportunities**
- Surveying
- Site Work

**PHA Contact**
- Jessica Shambra
  - 713-670-2527
  - jshambra@porthouston.com
CONSTRUCTION PHASE

PROJECTS
Construction of a new Maintenance Complex at Barbours Cut Container Terminal (BCT) including an approximate 128,000 sf maintenance building, fuel and wash areas, associated utilities, and parking.

**Procurement Time Frame**
- Projected Advertisement – 1st Qtr. 2021
- Projected Award – 2nd Qtr. 2021

**NIGP Codes**
- 90924 91438
- 90976 91450
- 91316 91468
- 91360 90505
- 91430 91572

**Small Business Opportunities**
- Utility Systems
- Electrical Work
- Plumbing
- HVAC
- Building Fixtures & Finishes
- Photography

**PHA Contact**
Jessica Shambra
713-670-2527
jshambra@porthouston.com

**Construction Time Frame**
- 2nd Qtr. 2021 – 3rd Qtr. 2022
The scope of work includes the construction of approximately 9 acres of concrete pavement (18" roller compacted concrete). Also restriping traffic lanes and relocating high mast light poles.

### Procurement Time Frame
- **Projected Advertisement** – 4th 2020
- **Projected Award** – 1st 2021

### Construction Time Frame
- **1st Qtr. 2021 – 4th Qtr. 2021**

<table>
<thead>
<tr>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>91360</td>
<td>• Demolition</td>
<td>Derek Garrett</td>
</tr>
<tr>
<td>91327</td>
<td>• Concrete</td>
<td>713-670-2837</td>
</tr>
<tr>
<td>90976</td>
<td>• Grading</td>
<td><a href="mailto:dgarrett@porthouston.com">dgarrett@porthouston.com</a></td>
</tr>
<tr>
<td><strong>Contractors</strong></td>
<td>• Excavation</td>
<td></td>
</tr>
<tr>
<td>91360</td>
<td></td>
<td></td>
</tr>
<tr>
<td>91327</td>
<td></td>
<td></td>
</tr>
<tr>
<td>90976</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The project consists of the construction of a water tank-based fire suppression system on an existing tank including new mechanical and electrical equipment, tank repairs, minor pipe installation, and pumphouse improvements at the Barbours Cut Terminal.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Advertisement – 4th 2020</td>
<td>72027</td>
<td>• Concrete Foundation</td>
<td>Bill Aguirre</td>
</tr>
<tr>
<td>Projected Award – 4th 2020</td>
<td>83034</td>
<td>• Plumbing Work</td>
<td>713-670-2484</td>
</tr>
<tr>
<td></td>
<td>83073</td>
<td>• Electrical Installation</td>
<td><a href="mailto:baguirre@porthouston.com">baguirre@porthouston.com</a></td>
</tr>
<tr>
<td></td>
<td>92542</td>
<td>• Pump House Repairs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>92539</td>
<td>• Steel Tank Repairs</td>
<td></td>
</tr>
</tbody>
</table>
Construct new 1000’ wharf with drilled shafts, Build 1 story precast concrete stevedore support building of 2595 sq. ft. Construct electrical infrastructure for ship-to-shore crane power, dredging of ~470,000 cubic feet of wet and dry excavation. Trucking excavated material to disposal areas. Clearing, grubbing, and placement of fill material for land development.

### Procurement Time Frame

<table>
<thead>
<tr>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
</tr>
</thead>
<tbody>
<tr>
<td>95935, 90976, 96239, 91219</td>
<td>Concrete, Plumbing, HVAC, Hauling and Trucking Services</td>
</tr>
</tbody>
</table>

### Construction Time Frame

- **Projected Advertisement** – 4th 2020
- **Projected Award** – 1st 2021
- **Construction Time Frame**
  - 1st Qtr. 2021 – 3rd Qtr. 2023

**PHA Contact**

Derek Garrett
713-670-2400
dgarrett@poha.com
Construct dedicated right turn lanes, one from Port Rd connecting to the U-turn and the other to providing connection from Freight Station Road to the U-turn underneath the entrance gate bridge and merging onto Port Rd westbound.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 1st 2021 | Contractors 91832 91846 912533 | • Concrete reinforcement  
• Demolition  
• Earthwork | Harvey Ross  
713-670-2665  
hross@porthouston.com |
| Projected Award – 2nd 2021 | | | |
| Construction Time Frame | | | |
| 2nd Qtr. 2021 - 4th Qtr. 2021 | | | |
Bayport and Barbours Cut - Annual Wharf Crane & RTG Crane Painting - 2021

This is an annual project that will consist of blasting, priming and painting the wharf cranes and RTG cranes on an "as needed" basis.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Advertisement – 4th 2020</td>
<td>91484</td>
<td>• Not applicable</td>
<td>Barbara H. Smith</td>
</tr>
<tr>
<td>Projected Award – 1st Qtr. 2021</td>
<td>91461</td>
<td></td>
<td>713-670-2483</td>
</tr>
<tr>
<td></td>
<td>92900</td>
<td></td>
<td><a href="mailto:bhsmith@porthouston.com">bhsmith@porthouston.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Construction Time Frame</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Qtr. 2021 – 4th Qtr. 2021</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Bayport and Barbours Cut - Annual Pavement Replacement 2021

This is an annual contract for concrete replacement at Bayport and Barbours Cut Terminal. The work will consist of removing damaged and/or deteriorating concrete pavement in 2021.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Advertisement – 4(^{th}) 2020</td>
<td>91327</td>
<td>• Saw-cutting</td>
<td>Barbara H. Smith</td>
</tr>
<tr>
<td>Projected Award – 1(^{st}) Qtr. 2021</td>
<td></td>
<td>• Paving</td>
<td>713-670-2483</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Excavation</td>
<td><a href="mailto:bhsmith@porthouston.com">bhsmith@porthouston.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Concrete traffic barriers</td>
<td></td>
</tr>
<tr>
<td>Construction Time Frame</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1(^{st}) Qtr. 2021 – 4(^{th}) Qtr. 2021</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
This is an annual project includes surface preparation, repair and replacement of various fender system elements at Barbours Cut and Bayport Terminals in 2021.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 4th 2020 | 91223 | • Metal Fabrication  
• Storm Water Controls  
• Photography | Barbara H. Smith  
713-670-2483  
bhsmith@porthouston.com |
| Projected Award – 1st Qtr. 2021 |

**Construction Time Frame**

1st Qtr. 2021 - 4th Qtr. 2021
This is an annual project of paving and repair of asphalt roads, ditch clearing, clearing and grubbing and implementing dust control programs on asphalt roads.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 4th 2020  
Projected Award – 4th 2020 | 90976  
91327 | • Paving  
• Asphalt  
• Drainage | Derek Garrett  
713-670-2837  
dgarrett@porthouston.com |

| Construction Time Frame | |
|-------------------------| |
| 1st Qtr. 2021 | |
This is an annual project of paving and repair of asphalt roads, ditch clearing and implementing dust control programs on asphalt roads.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 4th 2020  
Projected Award – 1st Qtr. 2021 | 90976  
91327   | • Paving  
• Asphalt  
• Drainage | Barbara H. Smith  
713-670-2483  
bhsmith@porthouston.com |
| Construction Time Frame      |            |                              |                                  |
| 2nd Qtr. 2021 - 4th Qtr. 2021 |            |                              |                                  |
Rehabilitation and Repair of Wharf 2 at Manchester Terminal

Rehabilitating and repairing of Wharf 2 at Manchester terminal (approximately 600ft long). The work includes demolition of the existing shed building, construction of a new fender, repair of reinforced concrete, fabrication and installation of ~54 steel trusses, installation of ~152 piles, etc.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
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<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Advertisement – 4th Qtr. 2020</td>
<td>91484</td>
<td>• Structural Concrete Repair</td>
<td>Eddy Kharrazi 713-670-2544 <a href="mailto:ekharrazi@porthouston.com">ekharrazi@porthouston.com</a></td>
</tr>
<tr>
<td>Projected Award – 1st Qtr. 2021</td>
<td>91223</td>
<td>• Fender Replacement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>91438</td>
<td>• Pile Driving</td>
<td></td>
</tr>
<tr>
<td></td>
<td>90976</td>
<td>• Steel Rebar</td>
<td></td>
</tr>
<tr>
<td></td>
<td>91430</td>
<td>• Concrete forming</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Striping</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Photography</td>
<td></td>
</tr>
</tbody>
</table>

Construction Time Frame

1st Qtr. 2021 - 4th Qtr. 2021
Demolish 15 existing restroom buildings and replace with 11 pre-cast concrete restroom buildings within the transit sheds and at City Dock 8. Project will also include associated plumbing and electrical work and the rehabilitation of the Amenities Buildings at City Dock 32.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 4th Qtr. 2020  
Projected Award – 1st Qtr. 2021 | 90924 91360  
91438 91430  
90976 91450  
91316 91468 | • Electrical Work  
• Plumbing  
• HVAC  
• Building Fixtures & Finishes | Jessica Shambra  
713-670-2527  
jshambra@porthouston.com |

Construction Time Frame
1st Qtr. 2021 – 3rd Qtr. 2021
Turning Basin North Splash Zone Painting 2021

Painting and resurfacing of Steel Bulkhead walls to prevent corrosion and structural damage at Turning Basin North Terminal

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Advertisement – 4th Qtr. 2020</td>
<td>91461</td>
<td>• Painting</td>
<td>Barbara H. Smith</td>
</tr>
<tr>
<td>Projected Award – 1st Qtr. 2021</td>
<td>91484</td>
<td>• Steel Repair</td>
<td>713-670-2483</td>
</tr>
<tr>
<td></td>
<td>81000</td>
<td>• Water blasting</td>
<td><a href="mailto:bhsmith@porthouston.com">bhsmith@porthouston.com</a></td>
</tr>
<tr>
<td></td>
<td>63159</td>
<td>• Painting</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Sandblasting</td>
<td></td>
</tr>
</tbody>
</table>

Construction Time Frame

1st Qtr. 2021 – 4th Qtr. 2021
CARE Splash Zone Painting 2021

Painting and resurfacing of Steel Bulkhead walls to prevent corrosion and structural damage at CARE Terminal

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 2\textsuperscript{nd} Qtr. 2021 | 91461, 91484, 81000, 63159 | • Painting  
• Steel Repair  
• Water blasting  
• Painting  
• Sandblasting | Barbara H. Smith  
713-670-2483  
bhsmith@porthouston.com |
| Projected Award – 3\textsuperscript{rd} Qtr. 2021 | | | |

Construction Time Frame

3\textsuperscript{rd} Qtr. 2021 – 4\textsuperscript{th} Qtr. 2021
Turning Basin North - Guardhouse and Arms Change (RR8 Speed Gate)

This project will remove existing Speed Gates and replace them with a Manned Guardhouse with Gate arms.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 1st Qtr. 2021 | Contractors: 91473 90976 92678 | • Electrical  
• Fiber Optics  
• Demolition  
• Paving | Harvey Ross  
713-670-2665  
hross@porthouston.com |
| Projected Award – 1st Qtr. 2021   |                  |                              |                        |

Construction Time Frame:
2nd Qtr. 2021 - 3rd Qtr. 2021
Turning Basin Transit Sheds 30-31

This project is approximately 238k square feet of roof repair at transit sheds 30/31 at the Turning Basin Terminal.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Advertisement – 2nd Qtr. 2021</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>
<td>Harvey Ross&lt;br&gt;713-670-2665&lt;br&gt;<a href="mailto:hross@porthouston.com">hross@porthouston.com</a></td>
</tr>
<tr>
<td>Projected Award – 3rd Qtr. 2021</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Construction Time Frame

3rd Qtr. 2021 – 4th Qtr. 2021
Rehabilitation and Repair of Wharf 8 at Turning Basin Terminal will consist of structural concrete repair and fender replacement.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 2nd Qtr. 2021 | 91484, 91223, 91438, 90976, 91430 | • Structural Concrete Repair  
• Fender Replacement  
• Steel Rebar Repair  
• Concrete forming  
• Photography | Eddy Kharrazi  
713-670-2544  
ekharrazi@porthouston.com |
| Projected Award – 3rd Qtr. 2021 |  |  |  |

Construction Time Frame

3rd Qtr. 2021 - 3rd Qtr. 2022
### Turning Basin South - City Dock 1 West Fender System

Construction of freestanding fender for City Dock 1 West of approximately 600ft.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 4th Qtr. 2020 | **Contractors**  
  90976  
  91223  
  91430  
  91438  
  91484  
  90505  
  91572 | • Fender Replacement  
• Pile Driving  
• Steel Rebar  
• Concrete forming  
• Striping  
• Photography | Eddy Kharrazi  
713-670-2544  
ekharrazi@porthouston.com |
| Projected Award – 1st Qtr. 2021 |

**Construction Time Frame**

2nd Qtr. 2021 - 1st Qtr. 2022
Repair of wharves 20, 21, 24, 25, and 26 (each approximately 600ft long) located at Turning Basin Terminal. The work includes (reinforced concrete) deck repair, pile repair, sheet pile repair, timber replacement, fender repair, steel sheet / beam repair etc.

### Procurement Time Frame
- **Projected Advertisement** – 4th Qtr. 2020
- **Projected Award** – 1st Qtr. 2021

### Construction Time Frame
- 2nd Qtr. 2021 – 2nd Qtr. 2022

### NIGP Codes
- **Contractors**
  - 90976
  - 91223
  - 91430
  - 91438
  - 91484
  - 90505
  - 91572

### Small Business Opportunities
- Structural Concrete Repair
- Steel Rebar
- Concrete forming
- Sheet Pile repair
- Striping
- Photography
- Welding

### PHA Contact
- **Eddy Kharrazi**
  - 713-670-2544
  - ekharrazi@porthouston.com
This is an annual contract for concrete replacement at Turning Basin Terminal. The work will consist of removing damaged and or deteriorating concrete pavement in 2020.

<table>
<thead>
<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
</tr>
</thead>
</table>
| Projected Advertisement – 4th Qtr. 2020  
Projected Award – 1st Qtr. 2021 | 91327 | • Concrete  
• Excavation  
• Saw-cutting  
• Concrete Traffic Barriers | Barbara H. Smith  
713-670-2483  
bhsmith@porthouston.com |

Construction Time Frame
1st Qtr. 2021 – 4th Qtr. 2021
Repair project for Wharf 1E, 47, and 48 (located Turning Basin Terminal - South) - scope includes but is not limited to (reinforced concrete) deck repair, pile repair, timber replacement, fender repair, etc.

<table>
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<tr>
<th>Procurement Time Frame</th>
<th>NIGP Codes</th>
<th>Small Business Opportunities</th>
<th>PHA Contact</th>
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<tr>
<td>Projected Advertisement - 3rd Qtr. 2021</td>
<td><strong>Contractors</strong>&lt;br&gt;91484&lt;br&gt;91223&lt;br&gt;91438&lt;br&gt;90976&lt;br&gt;91430</td>
<td>• Structural Concrete Repair&lt;br&gt;• Fender Replacement&lt;br&gt;• Steel Rebar Repair&lt;br&gt;• Concrete forming&lt;br&gt;• Photography</td>
<td>Eddy Kharrazi&lt;br&gt;713-670-2544&lt;br&gt;<a href="mailto:ekharrazi@porthouston.com">ekharrazi@porthouston.com</a></td>
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<tr>
<td>Projected Award - 4th Qtr. 2021</td>
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<td>Construction Time Frame</td>
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<td>4th Qtr. 2021 - 2nd Qtr. 2021</td>
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