

# UPCOMING DESIGN & CONSTRUCTION PROJECTS

(Project & Construction Management)

2<sup>nd</sup> Quarter 2023 Edition



PORT HOUSTON

# DESIGN PHASE PROJECTS



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# Facility Inspection Condition Assessment Program - Marine Structures Portwide



*Inspection of marine assets in accordance to the FICAP Marine Structures program manual*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2023</i>	96145 96847 96848	• <i>Structural Analysis</i>	<i>Derek Garrett</i> <i>dgarrett@porthouston.com</i>
Design Time Frame	92555 92556 94159		
<i>3<sup>rd</sup> Qtr. 2023 – 4<sup>th</sup> Qtr. 2023</i>			

# Facility Inspection Condition Assessment Program (FICAP) - Corrosion Portwide

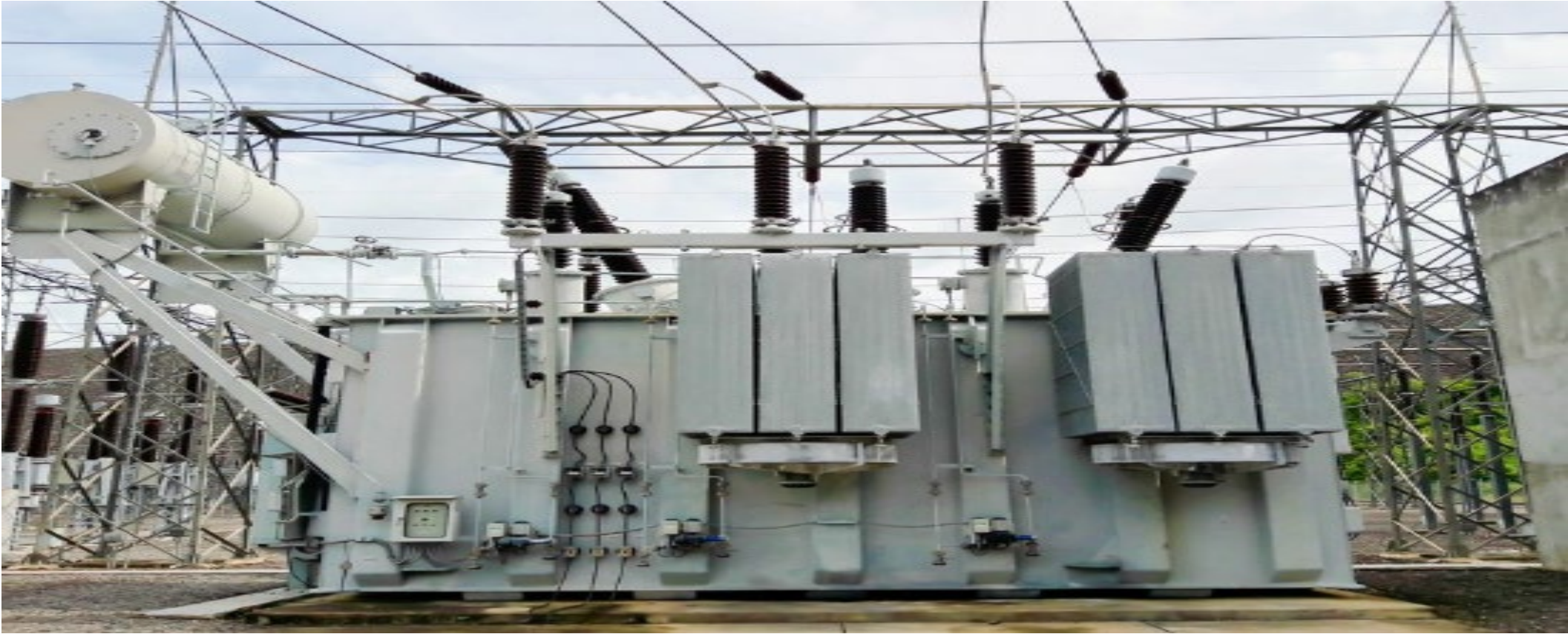


*Inspection of marine assets in accordance to the FICAP Corrosion program manual*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2023</i>	96145 96847 96848	<ul style="list-style-type: none"><li>• <i>Structural Analysis</i></li><li>• <i>Roofing Design</i></li></ul>	<i>Derek Garrett</i> <i>dgarrett@porthouston.com</i>
Design Time Frame	92555 92556 94159		
<i>3<sup>rd</sup> Qtr. 2023 – 4<sup>th</sup> Qtr. 2023</i>	84508 96825		



# Facility Inspection Condition Assessment Program (FICAP) - Electrical and Communications



*Inspection of marine assets in accordance to the FICAP Electrical and Inspection program manual*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
Advertisement – 4th Qtr. 2023 Projected Award – 4th Qtr. 2023	96145 96847 96848	<ul style="list-style-type: none"><li>• Structural Analysis</li><li>• Roofing Design</li></ul>	Derek Garrett dgarrett@porthouston.com
Design Time Frame	92555 92556		
4th Qtr. 2023 – 2nd Qtr. 2024	94159		



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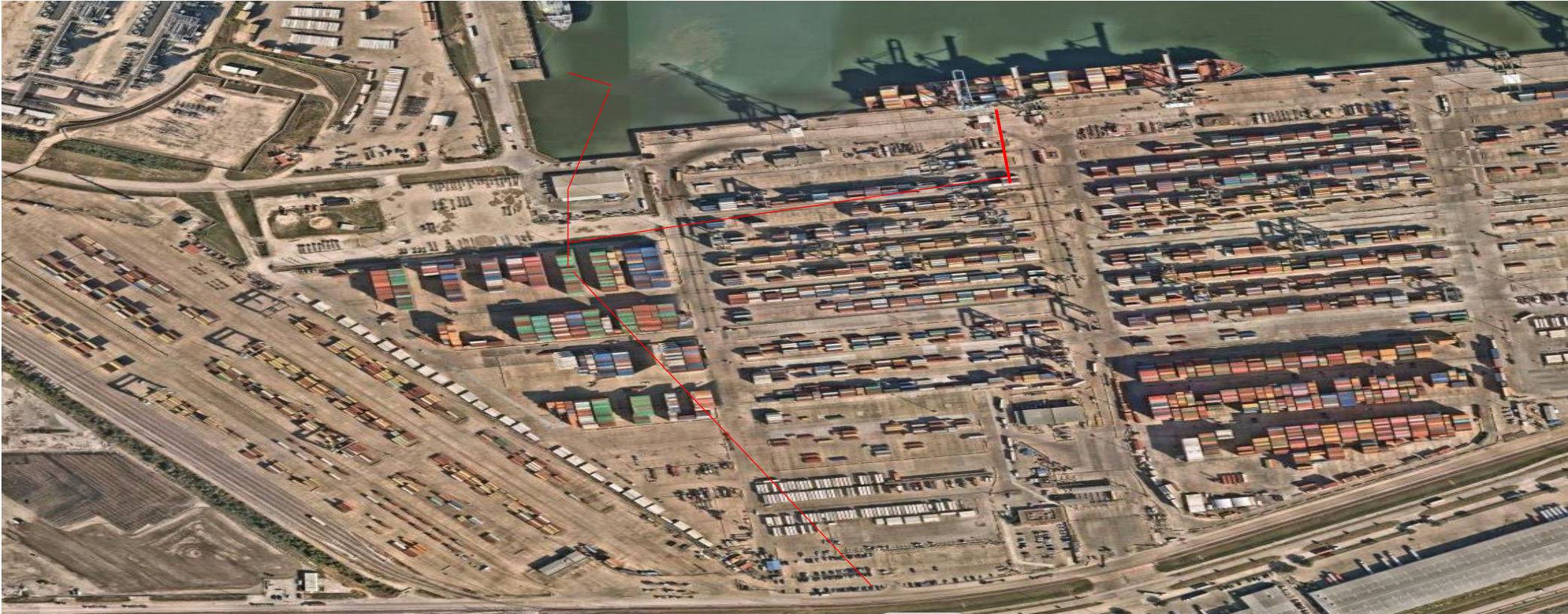
# CONSTRUCTION PHASE PROJECTS



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## Reconstruction of 87-acre Pre-Outage at Barbours Cut Terminal



*Project purpose is to provide operational power to Wharf 6 during continued construction of 4 and 5. provide power to the reefer racks on the Western boundary of yard 7, and also provide redundancy.*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 2<sup>nd</sup> Qtr. 2023</i>	90692 90668 90638	<ul style="list-style-type: none"> <li>•Material Testing</li> <li>•Storm Water Erosion Protection</li> <li>•Surveying</li> <li>•Site Civil Work</li> </ul>	Josh Keller <a href="mailto:jkeller@porthouston.com">jkeller@porthouston.com</a>
<b>Construction Time Frame</b>	90742 92537		
3 <sup>rd</sup> Qtr. 2023 - 4 <sup>th</sup> Qtr. 2023	92517		
	92529		



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## Construct Wharf 7 at Bayport Terminal



Construction of 1,000 feet of new wharf structure at the Bayport Container Terminal. The project scope includes surveying, dredging, drilled shaft foundations, structural concrete, crane rails, fender systems, utilities, and a stevedore support building.

Procurement Time Frame	NIGP Codes		Business Equity Opportunities	PHA Contact
Projected Advertisement – 1 <sup>st</sup> Qtr. 2023 Projected Award – 2 <sup>nd</sup> Qtr. 2023	91362	90505	<ul style="list-style-type: none"> <li>•Material Testing</li> <li>•Trucking</li> <li>•Storm Water Erosion Protection</li> <li>•Surveying</li> <li>•Signage and Striping</li> <li>•Photography</li> </ul>	Craig Kasper <a href="mailto:ckasper@porthouston.com">ckasper@porthouston.com</a>
	91430	90925		
	91438	90976		
Construction Time Frame	91457	91223		
	95935	91276		
3 <sup>rd</sup> Qtr. 2023 – 3 <sup>rd</sup> Qtr. 2026	95990	96834		



## Rehabilitation of Roof at CARE Terminal



*Repair transit shed roof with an overlay protective system.*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 2<sup>nd</sup> Qtr. 2023</i>	90924 91461 77056	•Roofing repair •Roofing Installation	Derek Garrett dgarrett@porthouston.com
Construction Time Frame	77062 77070		
<i>3<sup>rd</sup> Qtr. 2023 – 4<sup>th</sup> Qtr. 2023</i>	91473 91078 77065		



## Rehabilitation of Roof Shed 21-22 at Turning Basin Terminal



*Repair transit shed roof with an overlay protective system.*

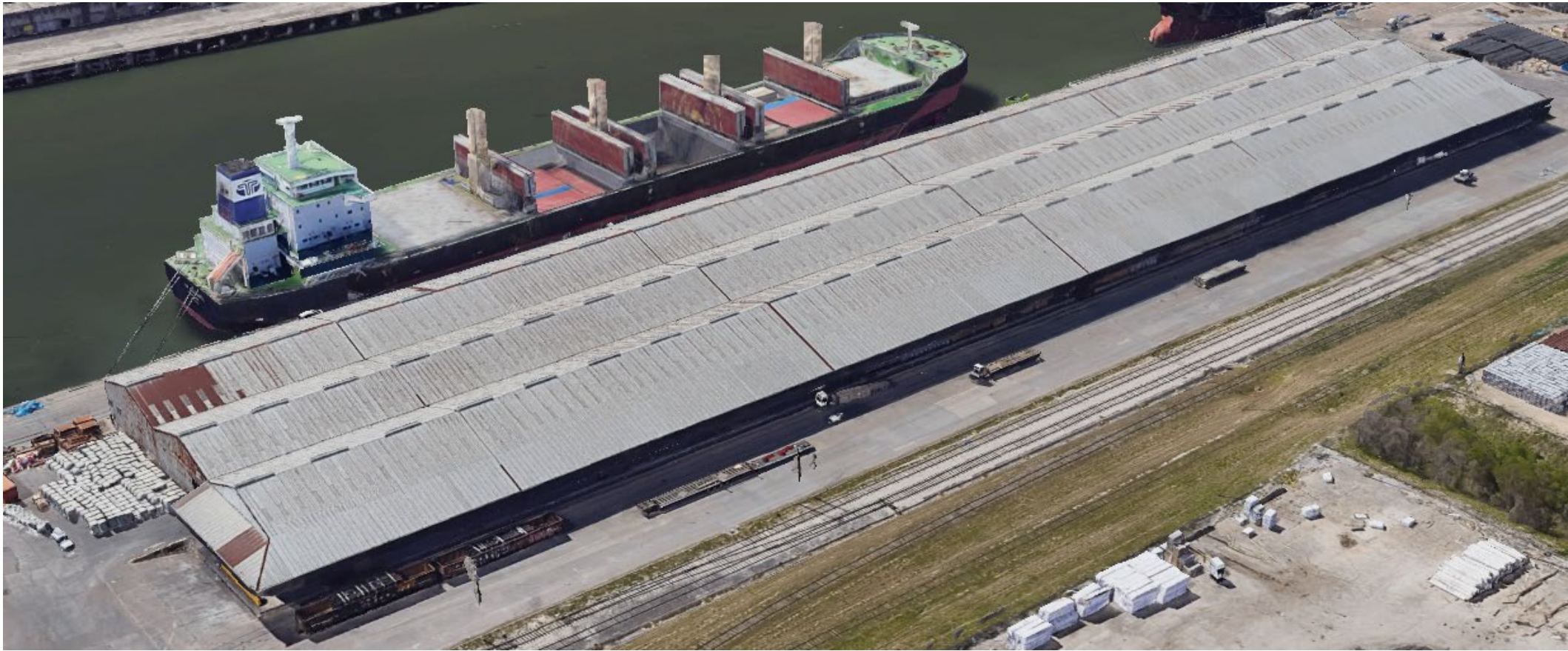
Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 2<sup>nd</sup> Qtr. 2023</i>	90924 91461 77056 77062 77070 91473 91078 77065	<ul style="list-style-type: none"><li>• Roofing repair</li><li>• Roofing Installation</li></ul>	Derek Garrett dgarrett@porthouston.com
Construction Time Frame			
3 <sup>rd</sup> Qtr. 2023 – 4 <sup>th</sup> Qtr. 2023			



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# New Roof & Reskin Shed 18/19 at Turning Basin Terminal



*Structural assessment and feasibility study to develop options of a new roof overlay systems*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Advertisement – 1<sup>st</sup> Qtr. 2023</i> <i>Projected Award – 2<sup>nd</sup> Qtr. 2023</i>	90924 91461 77056 77062 77070 91473 91078 77065	<ul style="list-style-type: none"> <li>• <i>Structural Analysis</i></li> <li>• <i>Roofing Design</i></li> </ul>	Derek Garrett <a href="mailto:dgarrett@porthouston.com">dgarrett@porthouston.com</a>
Design Time Frame			
<i>2<sup>nd</sup> Qtr. 2023 – 3<sup>rd</sup> Qtr. 2023</i>			



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## Bayport - Exit Gate Expansion



Construction of four additional lanes at the existing Bayport exit gate facility. The project scope includes new gate processing infrastructure at the RPM and OCR stage, relocation of secondary screening area, installation of pre-fabricated guard booth, and extension of the out gate canopy structure.

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2023</i>	91200 91300 91400 91429	•Pre-fabricated guard booth •Structural steel components •Electrical •Telecommunications	Craig Kasper ckasper@porthouston.com
Construction Time Frame	91438 91457	•Concrete repair •Pavement markings	
4 <sup>th</sup> Qtr. 2023 – 2 <sup>nd</sup> Qtr. 2024			



# Bayport - U-Shaped Property Pre-Development



The project scope includes surveying, clearing, grubbing, grading, excavation, fill placement, drainage features, placement of topsoil and seeding.

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
Projected Advertisement – 2 <sup>nd</sup> Qtr. 2024	90976	<ul style="list-style-type: none"><li>• Trucking</li><li>• Storm Water Erosion Protection</li><li>• Surveying</li></ul>	Josh Keller jkeller@porthouston.com
Projected Award – 3 <sup>rd</sup> Qtr. 2024	91327		
Construction Time Frame	91219		
3 <sup>rd</sup> Qtr. 2024 – 2 <sup>nd</sup> Qtr. 2025	91223		
	91244		



## Bayport – Auto Terminal Building Demolition



*Demolition of terminal building to slab (approximately 95,000 SF).*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2023</i>	90976 91240 91360 91438	<ul style="list-style-type: none"> <li>• Demolition</li> <li>• Site Work</li> <li>• Utility Relocation</li> </ul>	Jessica Shambra <a href="mailto:jshambra@porthouston.com">jshambra@porthouston.com</a>
Construction Time Frame			
3 <sup>rd</sup> Qtr. 2023 – 4 <sup>th</sup> Qtr. 2023			





## Bayport – Container Yard 1 North/Middle Security



*This project will provide security cameras, fiber optic cables, UPS, and network switches.*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2023</i>	91316 99000 28500	<ul style="list-style-type: none"> <li>• Security cameras</li> <li>• Fiber optic cable</li> <li>• Network switches</li> <li>• Electrical</li> </ul>	Jessica Shambra <a href="mailto:jshambra@porthouston.com">jshambra@porthouston.com</a>
Construction Time Frame	91438 91429 83834		
1 <sup>st</sup> Qtr. 2024			



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## CARE Terminal – Repair of Yacht Basin Bulkhead



*Installation of a new cantilevered bulkhead system along ~70 LF of the yacht basin located within the CARE Terminal.*

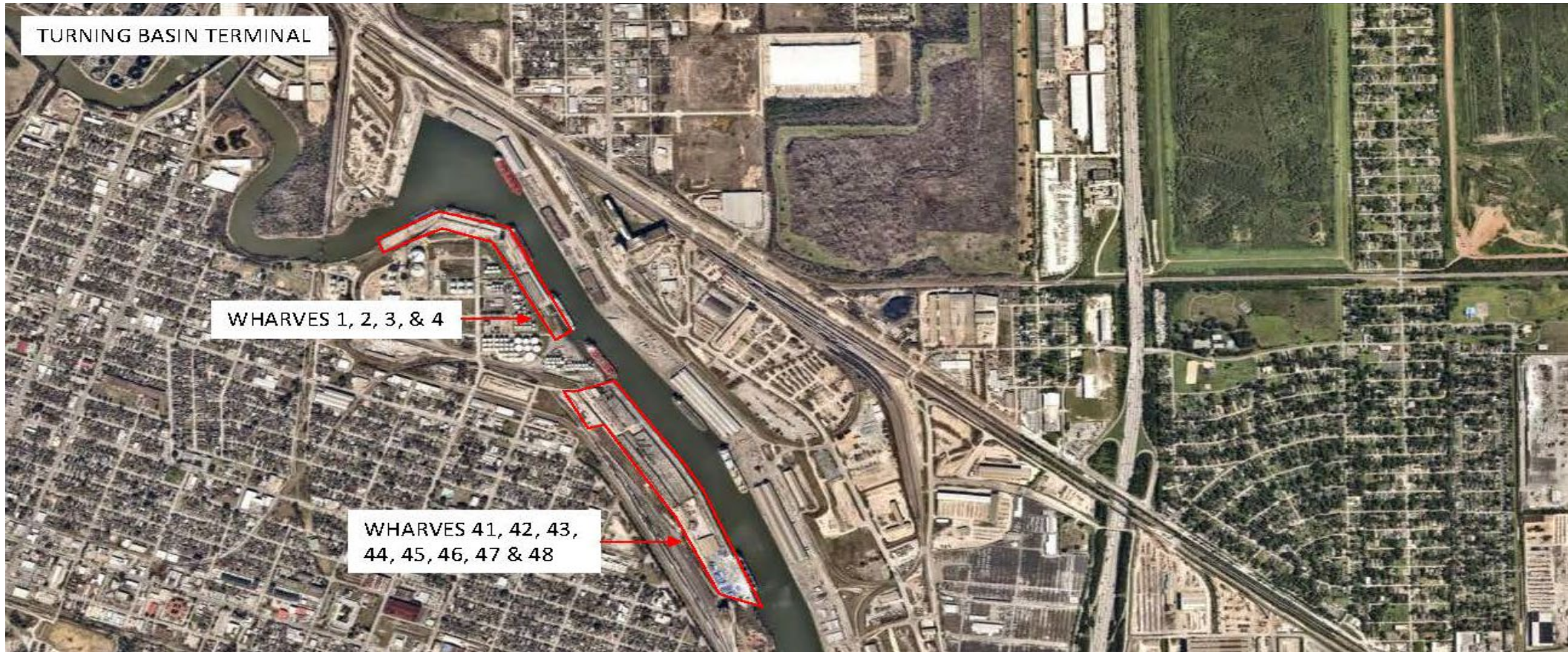
Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2023</i>	95935 95990 57054 91430 91485	<ul style="list-style-type: none"> <li>• Marine Construction</li> <li>• Concrete forming</li> <li>• Sheet Pile Driving</li> <li>• Welding</li> </ul>	Corrie Yaw <a href="mailto:cyaw@porthouston.com">cyaw@porthouston.com</a>
Construction Time Frame			
4 <sup>th</sup> Qtr. 2023 - 1 <sup>st</sup> Qtr. 2024			



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## Rehabilitation of Waterlines at South Turning Basin Terminal



*Construction of new 8-inch water lines, fire hydrants, connections and other appurtenances at the Turning Basin southside wharves. The project scope includes installation of water lines by open-cut, and trenchless methods, with some segments supported under existing wharf structures.*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 3<sup>rd</sup> Qtr. 2023</i> <i>Projected Award – 4<sup>th</sup> Qtr. 2023</i>	91200 91242 91300	•Construction materials •Trucking •Storm Water Erosion Protection	Craig Kasper ckasper@porthouston.com
Construction Time Frame	91356 91360	•Surveying •Trenchless construction •Water utilities	
<i>4<sup>th</sup> Qtr. 2023 – 3<sup>rd</sup> Qtr. 2024</i>			



## BCT – Water Supply and Fire Protection Systems



Construction of a water storage and distribution system to support fire hydrants along all wharves at Barbours Cut Terminal. The final design of the system may include elevated or grounded storage tanks and/or pumping facilities along with underground piping system.

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
Projected Advertisement – 3 <sup>rd</sup> Qtr. 2023 Projected Award – 4 <sup>th</sup> Qtr. 2023	92517 92529 92537	<ul style="list-style-type: none"> <li>•Surveying</li> <li>•Water storage tank</li> <li>•Underground water line system</li> <li>•Site civil work</li> </ul>	Josh Keller <a href="mailto:jkeller@porthouston.com">jkeller@porthouston.com</a>
Construction Time Frame	92539 92597		
1 <sup>st</sup> Qtr. 2024 – 4 <sup>th</sup> Qtr. 2024	96891		



## Removal and Replacement of Speed Gates at Ramp Roads 2, 4, and 5 at Turning Basin Terminal



*Construct and Install Security Speed Gates*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 3<sup>rd</sup> Qtr. 2023</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2023</i>	99239 28000 91120 91122 91240 91438 99000 28500	<ul style="list-style-type: none"> <li>• <i>Electrical Wiring</i></li> <li>• <i>Aluminum</i></li> <li>• <i>Steel</i></li> </ul>	Derek Garrett dgarrett@porthouston.com
Construction Time Frame			
3 <sup>rd</sup> Qtr. 2023 – 4 <sup>th</sup> Qtr. 2023			



## Rehabilitation of Wharves 4, 5 and 6 at Barbours Cut Terminal

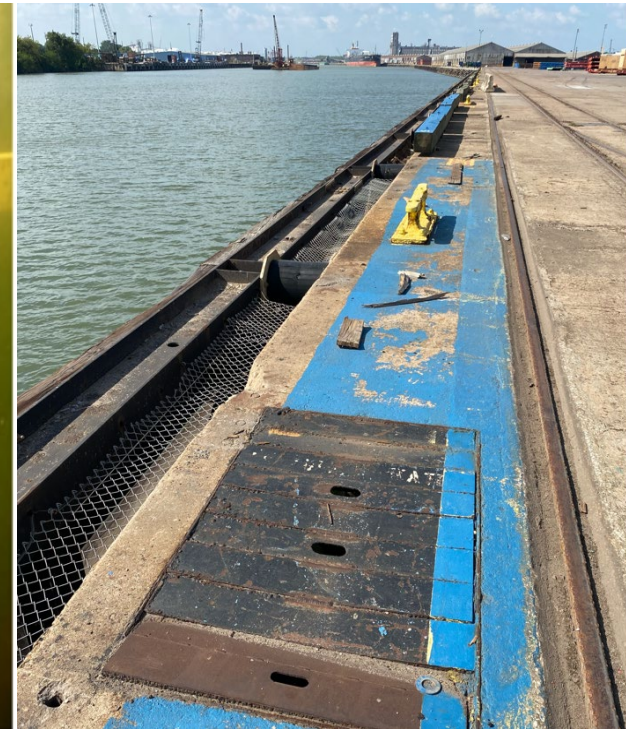


Construction of 2,667 feet of new wharf structure at the Barbours Cut Container Terminal. The project scope includes surveying, dredging, drilled shaft foundations, structural concrete, crane rails, fender systems, utilities, and a stevedore support building.

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
Projected Advertisement – 3 <sup>rd</sup> Qtr. 2023 Projected Award – 4 <sup>th</sup> Qtr. 2023	90976 96252 90738	<ul style="list-style-type: none"> <li>•Material Testing</li> <li>•Trucking</li> <li>•Storm Water Erosion Protection</li> <li>•Surveying</li> <li>•Signage and Striping</li> <li>•Photography</li> </ul>	Harvey Ross hross@porthouston.com
Construction Time Frame			
4 <sup>th</sup> Qtr. 2023 – 1 <sup>st</sup> Qtr. 2027			



## TBN - Rehabilitation and Repair of Wharves 20 and 21



*Rehabilitation and Repair of Wharves 20 and 21 - The scope includes rehabilitation and repair of the sheet piles, deck, under wharf piles, installation of piles and tie back including new fender.*

Procurement Time Frame	NIGP Codes		Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 3<sup>rd</sup> Qtr. 2023</i> <i>Projected Award – 4<sup>th</sup> Qtr. 2023</i>	91430	91484	<ul style="list-style-type: none"> <li>• Structural Concrete Repair</li> <li>• Steel Rebar</li> <li>• Concrete forming</li> <li>• Sheet Pile repair</li> <li>• Pile Driving</li> <li>• Striping</li> <li>• Photography</li> <li>• Welding</li> </ul>	Corrie Yaw <a href="mailto:cyaw@porthouston.com">cyaw@porthouston.com</a>
	95990	57076		
	91223	75573		
	95935			
	90976			
Construction Time Frame				
4 <sup>th</sup> Qtr. 2023 - 4 <sup>th</sup> Qtr. 2024				



## New Operations and Truck Office Building



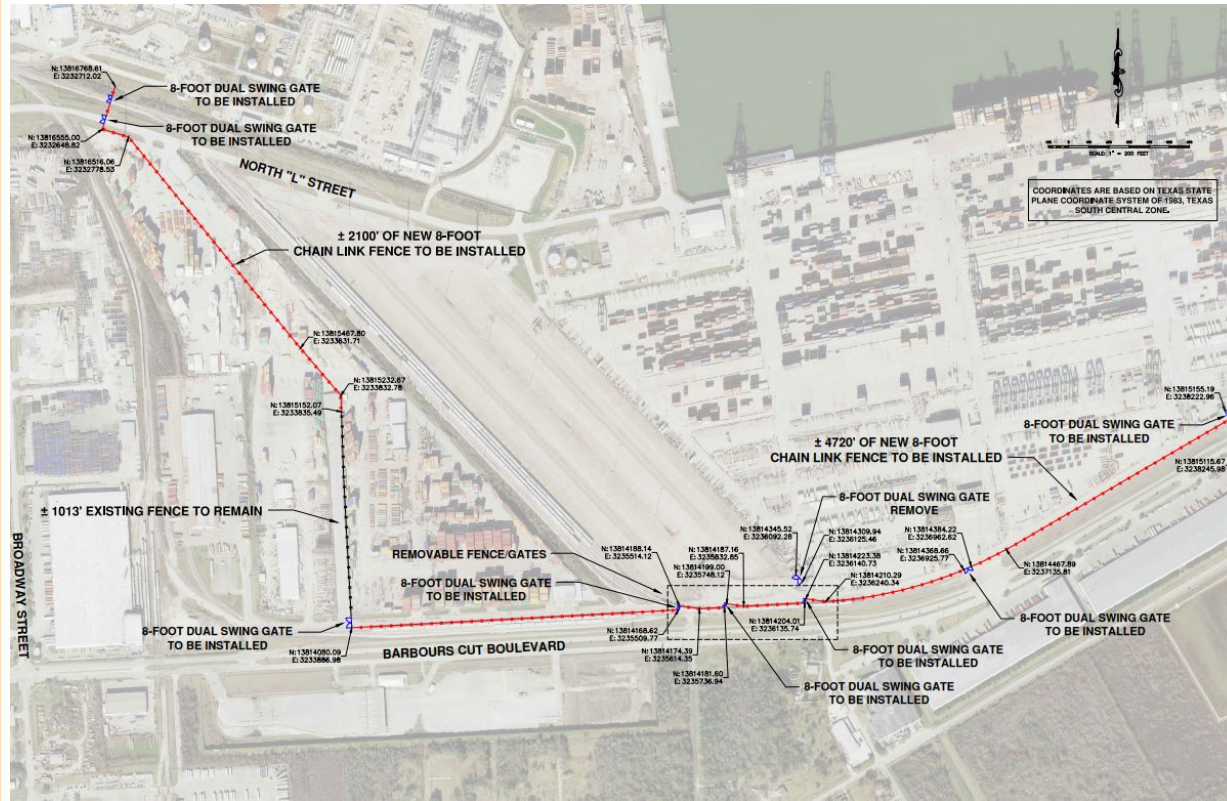
*Project will consist of the construction of a new Port Coordination Center (PCC) building at the Turning Basin Terminal. The building will be 20,000 - 30,000 square feet of office space, conference rooms and both conditioned and unconditioned storage spaces. This facility will house the Emergency Management Center, Port Police, Port Security, Dispatch and Port Marine Management.*

Procurement Time Frame	NIGP Codes		Business Equity Opportunities		PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2024</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2024</i>	90900	90963	• MEP	• Carpentry	Harvey Ross <a href="mailto:hross@porthouston.com">hross@porthouston.com</a>
	90921	91100	• Foundation	• Framing	
	90922	91200	• Lighting	• Interior	
	90924	91300	• Utilities	• Finishes	
	90960	91400	• Tilt Wall		
<b>Construction Time Frame</b>			• Roofing		
3 <sup>rd</sup> Qtr. 2024 - 3 <sup>rd</sup> Qtr. 2025					



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# Barbours Cut – Container Yard Perimeter Security Fence Expansion



This project consists of the installation of approximately 6,820 LF of 8' security fence and 8 swing gates to expand the secured perimeter at Barbours Cut Terminal.

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
Projected Advertisement – 2 <sup>nd</sup> Qtr. 2023 Projected Award – 2 <sup>nd</sup> Qtr. 2023	33000 33010 98815 33058 33065	<ul style="list-style-type: none"> <li>Fence Installation</li> <li>Gate Installation</li> </ul>	Corrie Yaw cyaw@porthouston.com
Construction Time Frame			
2 <sup>nd</sup> Qtr. 2023 - 3 <sup>rd</sup> Qtr. 2023			





## Annual Pavement, Drainage and Dust Control at Turning Basin - 2023



*This project is the replacement of damaged pavement, drainage improvements and dust control approaches implemented.*

Procurement Time Frame	NIGP Codes	Business Equity Opportunities	PHA Contact
<i>Projected Advertisement – 2<sup>nd</sup> Qtr. 2023</i> <i>Projected Award – 3<sup>rd</sup> Qtr. 2023</i>	90976 91327	<ul style="list-style-type: none"> <li>• Concrete Repair</li> <li>• Concrete forming</li> </ul>	Barbara H. Smith <a href="mailto:bhsmith@porthouston.com">bhsmith@porthouston.com</a>
Construction Time Frame			
3 <sup>rd</sup> Qtr. 2023 – 4 <sup>th</sup> Qtr. 2023			





## 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.

Procurement Time Frame	NIGP Codes		Business Equity Opportunities	PHA Contact
Projected Advertisement – 2 <sup>nd</sup> Qtr. 2023 Projected Award – 3 <sup>rd</sup> Qtr. 2023	91430	57076	<ul style="list-style-type: none"> <li>• Structural Concrete Repair</li> <li>• Fender Replacement</li> <li>• Pile Driving</li> <li>• Steel Rebar</li> <li>• Concrete forming</li> <li>• Striping</li> <li>• Photography</li> </ul>	Josh Keller <a href="mailto:jkeller@porthouston.com">jkeller@porthouston.com</a>
	95990	75573		
	91223			
	95935			
	90976			
Construction Time Frame	91484			
3 <sup>rd</sup> Qtr. 2023 – 3 <sup>rd</sup> Qtr. 2024				



# Bayport and Barbours Cut - Annual Pavement Replacement 2024



*This is an annual contract for concrete replacement at Bayport and Barbours Cut Terminal.  
The work will consist of removing and replacing damaged and / or deteriorating concrete pavement in 2024.*

Procurement Time Frame	NIGP Codes	Small Business Opportunities	PHA Contact
<i>Projected Advertisement – 4<sup>th</sup>. Qtr. 2023 Projected Award – 1<sup>st</sup>. Qtr. 2024</i>	90976 91327	<ul style="list-style-type: none"><li>• Site preparation</li><li>• Paving</li><li>• Excavation</li></ul>	Barbara H. Smith <a href="mailto:bhsmith@porthouston.com">bhsmith@porthouston.com</a>
Construction Time Frame			
<i>1<sup>st</sup>. Qtr. 2024. – 4<sup>th</sup> Qtr. 2024</i>			



# Bayport and Barbours Cut - Annual Fender System Maintenance 2024



*This is an annual fender system maintenance at Barbours Cut and Bayport Terminals, mainly the replacement of safety net and nuts and bolts.*

Procurement Time Frame	NIGP Codes	Small Business Opportunities	PHA Contact
Projected Advertisement – 4 <sup>th</sup> . Qtr. 2023 Projected Award – 1 <sup>st</sup> . Qtr. 2024	91223	• Fender System	Barbara H. Smith bhsmith@porthouston.com
Construction Time Frame			
2 <sup>nd</sup> Qtr. 2024. – 4 <sup>th</sup> Qtr. 2024			



# Bayport and Barbours Cut - Annual Wharf Crane & RTG Crane Painting - 2024



*This project will consist of blasting, priming and painting the wharf cranes and RTG cranes at Barbours Cut and Bayport Terminals.*

Procurement Time Frame	NIGP Codes	Small Business Opportunities	PHA Contact
<i>Projected Advertisement – 4<sup>th</sup>. Qtr. 2023</i> <i>Projected Award – 1<sup>st</sup>. Qtr. 2024</i>	91484 91461 92900	<ul style="list-style-type: none"><li>• Water blasting</li><li>• Painting - heavy steel</li><li>• Portable toilets</li></ul>	Barbara H. Smith bhsmith@porthouston.com
Construction Time Frame			
1 <sup>st</sup> Qtr. 2024 – 4 <sup>th</sup> . Qtr.. 2024			



# Turning Basin - Annual Concrete Replacement 2024



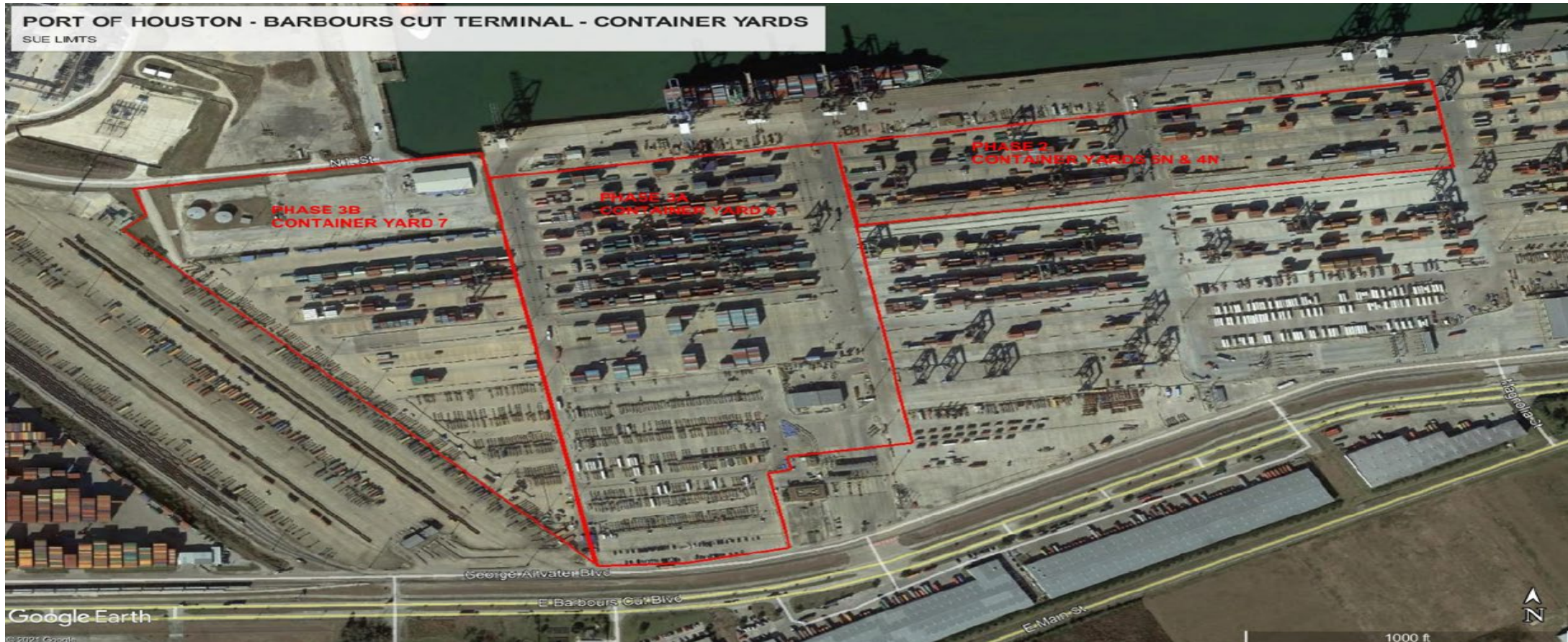
*This is an annual contract for concrete replacement at Turning Basin Terminal.  
The work will consist of removing and replacing damaged and or deteriorating concrete pavement in 2024.*

Procurement Time Frame	NIGP Codes	Small Business Opportunities	PHA Contact
<i>Projected Advertisement – 4<sup>th</sup> Qtr. 2023 Projected Award – 1<sup>st</sup>. Qtr. 2024</i>	<i>91327 90976</i>	<ul style="list-style-type: none"><li>• Concrete paving</li><li>• Site preparation</li></ul>	<i>Barbara H. Smith bhsmith@porthouston.com</i>
Construction Time Frame			
<i>1<sup>st</sup>. Qtr. 2024. – 4<sup>th</sup> Qtr. 2024</i>			





# Reconstruction of 87 Acres of Container Yards at BCT (CY6 & CY7) at Barbours Cut Terminal



*This project consist of the Reconstruction of approximately 70 acres of Container Yards 6 and 7 at the Barbours Cut Container Terminal. The project scope includes demolition, underground utilities, paving, roller compacted concrete (RCC), and electrical.*

Procurement Time Frame	NIGP Codes		Business Equity Opportunities		PHA Contact
Projected Advertisement – 2 <sup>nd</sup> Qtr. 2024 Projected Award – 4 <sup>th</sup> Qtr. 2024	90976	91276	•Demolition •Trucking •Underground Utilities •Surveying	•Signage and Striping •Photography •Paving •Electrical	Harvey Ross hross@porthouston.com
Construction Time Frame	91223	96861			
4 <sup>th</sup> Qtr. 2024 – 4 <sup>th</sup> Qtr. 2027	91360	92586			
	91430	90505			
	91438	91572			



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# THANK YOU

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