

PROJECT ADVERTISING SCHEDULE

| PROJECT DESCRIPTION | PROCUREMENT METHOD | LOCATION | DIVISION | PRIMARY NIGP CODES |
|--|--------------------|-------------------|----------|--|
| May 2024 through December 2024 | | | | |
| May 2024 | | | | |
| | | | | 95108 98815 33000 33058 33065 33091 |
| Contract of labor and material to install perimeter fence for CM compound. Cost associated with the installation of perimeter fencing around the Central Maintenance compound. This cost will include labor and material. | CSB | TBD | POPS | |
| GOS and OCR Expansion at BPT - Exit Gate Expansion | TBD | BPT | INFRA | TBD |
| The amount requested represents the purchase of new hardware for the additional OCR and Gate processing lanes, retrofit of existing equipment, software adjustments, and installation services and 1yr Maintenance and Support. Port Houston installed the Smart Tecs Gate Operating Solution in 2017, the solution has enhanced our service levels and prepared Port Houston for additional gate volumes. Due to the proprietary nature of the associated hardware and software Smart Tecs is the only vendor that can deliver the required services to support the expansion of the Bayport Out Gate. | | | | |
| EVP/BWM/BOS Navis Terminal System Optimization Tools | TBD | PHA | POPS | TBD |
| The Execution and Visibility Platform (EVP) is a cloud-based solution that enhances visibility and connectivity across the supply chain through the use of API calls. These API's enable stakeholders to obtain real-time data in key operational areas. EVP also supports Berth Window Management and Berth Optimization Services. Berth Window Management (BWM) is a web application that digitalizes the berth plan and enables terminals to plan berths against proforma, manage and compare different berthing scenarios and provide stakeholders with visibility to the real-time berth plan. This facilitates improved planning and optimizes berth utilization. Berth Optimization Services (BOS) works alongside BWM to reduce inefficiencies in the berth planning process. It utilizes AI/ML to optimize yard utilization and reduce travel distances in the terminal based on cargo location and vessel schedules. These applications are all part of Navis' Smart Suite of cloud-based services that, together, provide powerful data insights to drive efficient planning and reduce uncertainties between the terminals and stakeholders. This product offering is unique to Navis and is a sole source procurement. | | | | |
| Award a contract for purchase of grease, engine, transmission and hydraulic oils for Turning Basin, Barbours Cut and Bayport Secure new contract for purchase of oils (bulk, drum, gallon, cartridge) needed to support operations of container handling equipment and numerous small vehicles and facilities. | CSB | TBT BCT BPT | INFRA | TBD |
| Award a contract for purchase of parts for automobile, light and heavy duty trucks at Turning Basin, Barbours Cut and Bayport Container Terminal Secure new contract for purchase of parts for vehicles (passenger, light and heavy duty) needed to support operations of container handling equipment and numerous vehicles. | CSB | TBT BCT BPT | INFRA | TBD |
| Old River Submerged Lands Lease Bid Lease opportunity on PHA submerged lands north of Lost Lake near Old River. Once developed, some of these submerged lands are suitable for barge fleetings. Channel Infrastructure plans to solicit interested parties to bid for use of this area. | RFP | PHA | INFRA | 97100 97104 97135 |
| BARBOURS CUT TERMINAL TWIC GATE TRAFFIC SIGNALIZATION This project involves installing mast arm & stand alone traffic signals and modifying traffic islands/paving/curbs. These signals are being installed to create a safe passage for incoming trucks from E.BCT Blvd.& POV traffic to & from the Maintenance Building. | CSP | BCT | INFRA | TBD |
| Diesel Exhaust Fluid (DEF) Tank Truck To add one (1) Ford F550 XL Regular Cab 4X2 drive type, 6.7 Liter Diesel engine, with a 800 gallon diesel exhaust fluid (DEF) tank truck utilized to transport and dispense Diesel Exhaust Fluid (DEF) to over eighty Rubber Tire Gantry (RTG) Cranes. | TBD | PHA | TBD | 99022 99080 99078 83834 99050 |

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| May 2024 (cont'd) | | | | |
| Clean Air Strategy Plan (CASP) Procure a consultant to assist with analysis of PHA's emission reduction strategies and prepare a report for PHA reference of recommended strategies. | RFP | PHA | POPS | TBD |
| | | | | 92500 |
| | | | | 92517 |
| | | | | 92531 |
| | | | | 92533 |
| | | | | 92546 |
| Design of West End Container Yards at Barbours Cut Terminal Professional engineering and design services for the redevelopment of approximately 145 acres on the west end of Barbours Cut Container Terminal including the existing intermodal yard. The area will be reconfigured for loaded container operations using rubber tire gantry cranes. The design will include geotechnical, survey, utilities, drainage, pavement design, electrical and telecommunications. | RFQ | PHA | INFRA | 92586 |
| | | | | 1200 |
| | | | | 12023 |
| | | | | 12024 |
| Replacement of Silt Bed Leveling Vessel for Maintenance Authorize maintenance staff to purchase a vessel to replace the current vessel used for dock maintenance and leveling the silt bed. | TBD | PHA | POPS | 12084 |
| | | | | 95900 |
| | | | | 95924 |
| | | | | 95951 |
| | | | | 95942 |
| | | | | 95973 |
| Two-Year Contract for Marine Vessel Strap Lifting & Dry Grounded Storage Award a two-year contract for Marine Vessel Strap Lifting & Dry Grounded Storage and Shipyard Services. | RFP | PHA | POPS | 95976 |
| | | | | 74500 |
| | | | | 74502 |
| | | | | 74511 |
| | | | | 74514 |
| | | | | 74521 |
| | | | | 74542 |
| | | | | 75500 |
| | | | | 76000 |
| Two-Year Contract for the Purchase of Road Building Materials (BCT, BPT & TBT) Authorize a two-year contract for the purchase of Road Building Materials for all three terminals | TBD | PHA | POPS | 91395 |
| Two-Year Contract for the Purchase of Wood Products (BCT, BPT & TBT) Authorize a two-year contract for the purchase of various wood products for all three terminals. | TBD | PHA | POPS | 54079 |
| Mowing and Landscape Maintenance Service Authorize staff to procure a 2-year contract for mowing services and landscaping maintenance on an as needed basis to the Port Authority. | TBD | PHA | POPS | 98836 |
| | | | | 98875 |
| 2023 Port Houston Goods Movement Emissions Inventory The GMEI will estimate the 2023 emissions from ocean-going vessels, commercial harbor craft, cargo handling equipment, locomotives, and heavy-duty drayage trucks that are associated with Port Houston owned marine terminals. The emissions will also be estimated for the whole Houston Ship Channel for ocean-going vessels and commercial harbor craft. | RFP | PHA | ENVIR | 91843 |
| | | | | 92614 |
| | | | | 92615 |
| | | | | 92535 |
| | | | | 91810 |
| Purchase of New and Repaired J.R. Merritt Master Operator Controls for Wharf cranes and RTGs | CSB | BCT | POPS | 20424 |
| | | | | 20524 |
| | | | | 28564 |
| | | | | 54529 |
| Turning Basin Terminal – City Dock 2 Fender System Design of freestanding fender for City Dock 2 at Turning Basin Terminal. | RFQ | TBT | INFRA | 92588 |
| | | | | 92500 |

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| May 2024 (cont'd) | | | | |
| Standby Emergency Services Standby land and water hazmat emergency service , emergency equipment, staffing and expertise in case of disaster; to be utilized only on an as needed basis. | RFP | TBD | TBD | 99029 99030 99049 97534 97534 97626 |
| Procure a Boat Marine Engine for the Vernon Bailey Procure a replacement motor for the 1958 unit. | RFP | PHA | POPS | 12000 12058 |
| Emergency support for substations and switchgears This project is to provide emergency support for electrical infrastructure for all three terminals. Qualified NETA technicians are required to provide support in the event of an emergency involving electrical infrastructure. | CSP | BCT BPT | INFRA | 28509 28567 93677 96761 99239 |
| One-time Purchase of ABB drives for Bayport Maintenance Purchase new ABB Inc. (OEM) Industrial AC drives and parts listed below, AC drives contain firmware provided by the manufacturer but PHA removes this and places the PHA crane software into the drives per ZPMC STS crane specifications. | CSB | BPT | POPS | 03107 69139 03103 |
| New Operations and Truck Office Building 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. | CSB | TBT | INFRA | 90900 90921 90922 90924 90960 90963 91100 91200 91300 91400 |
| Construct Security for the Maintenance Complex at Barbours Cut Terminal This will install the security components for the New Barbours Cut Maintenance building. | CSP | BCT | INFRA | 90977 99022 91155 |
| Communication and Power Layout Expansion at Barbours Cut Expansion of the existing communication and power lines at the west end of Barbours Cut Terminal including additional conduit installation, possible borings to cross existing roads and or rail tracks and pulling wire from existing termination points within the terminal. | CSP | BCT | INFRA | 91316 90976 91438 28500 91242 |
| CARE 2 Berth Design of the expansion and deepening of the Care 2 berthing pocket including global stability, analysis of existing structures, designing dredge template and monopile, and assistance in procurement and construction services | CSP | TBT | CHAN | 92517 92536 92546 92573 90735 90738 |

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| May 2024 (cont'd) | | | | |
| Purchase of Eight Dockside Electric Container Cranes for Barbours Cut and Bayport Container Terminals | RFP | BCT BPT | POPS | 56001 12031 |
| Design, fabrication, assembly, delivery to the PHA's Barbours Cut Terminal and Bayport Container Terminal, installation, endurance testing, and commissioning of eight dockside container cranes | | | | |
| CMT for Construct New Port Coordination Center Facility at the Turning Basin | RFQ | TBT | INFRA | TBD |
| Construction Material Testing for the New Port Coordination Center and associated parking | | | | |
| | | | | 33000 |
| | | | | 33010 |
| | | | | 98815 |
| | | | | 33058 |
| | | | | 33065 |
| | | | | 33069 |
| Annual Perimeter Security Fence Replacement | CSB | TBT | INFRA | 33013 |
| The scope of this project will consist of the replacement of security fencing in the Turning Basin Terminal | | | | |
| | | | | 91240 |
| | | | | 91244 |
| | | | | 91216 |
| | | | | 90976 |
| Turning Basin W9 Improvements - Drilled Piers | CSP | TBT | INFRA | 91300 |
| Drilling shafts at the rear of Turning Basin Terminal Wharf 9 for stabilization in preparation of Project 11 channel deepening | | | | |
| | | | | 91223 |
| | | | | 91259 |
| | | | | 92586 |
| Pre-Development Clearing and Grubbing at Memorial Tract | CSP | TBD | INFRA | 98838 |
| The scope of this project is to survey, clear and grub, and implement temporary drainage appurtenances for future development of the 30-acre tract. | | | | |
| | | | | 90924 |
| | | | | 91461 |
| | | | | 77065 |
| | | | | 77070 |
| | | | | 91473 |
| | | | | 91078 |
| New Roof & Reskin Shed 18/19 at Turning Basin Terminal | CSP | TBT | INFRA | |
| Overlay of new roofing system over existing roof. | | | | |
| BCT - TWIC Entry Expansion | TBD | BCT | INFRA | TBD |
| TWIC Entry Expansion at Bayport Container Terminal. | | | | |
| Repair Grade Beam at Entry Doors at Sheds 18/19 and 21/22 at Turning Basin North | TBD | TBT | INFRA | TBD |
| | | | | 92500 |
| | | | | 92517 |
| | | | | 92588 |
| Turning Basin Terminal – Design of Marine Structural Repairs | RFQ | TBT | INFRA | 96226 |
| Design of marine structural repairs at various wharves in the Turning Basin Terminal. | | | | |
| | | | | 92500 |
| | | | | 92513 |
| | | | | 92517 |
| | | | | 92528 |
| | | | | 92549 |
| | | | | 92579 |
| | | | | 92586 |
| | | | | 92588 |
| | | | | 92593 |
| Port Road Grade Separation at Bayport Container Terminal | RFQ | BCT | INFRA | |
| Design and engineering of an elevated grade separation on Port Road consisting of the reconstruction and widening from 6 lanes at grade to 4 lanes elevated and 4 lanes at grade over existing rail crossing. | | | | |
| Benefits Renewal | RFQ | PHA | PEOP | TBD |
| Benefits Renewal | | | | |

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| June 2024 | | | | |
| | | | | 91240 91244 91216 90976 91300 91223 91461 |
| Rehabilitation of Wharf 16 at Turning Basin Terminal This project includes the installation of drilled shafts at the back end of each wharf to stabilize them in preparation for the Project 11 channel deepening. Wharf 16 will also require additional work on the cofferdam, including welding, painting, and replacing sheet piling. | CSP | TBT | INFRA | |
| CMT for Rehabilitation of Wharf 16 at Turning Basin Terminal Construction Material Testing for the Rehabilitation of Wharf 16 at Turning Basin Terminal. | RFQ | TBT | INFRA | TBD |
| July 2024 | | | | |
| | | | | 90976 91327 91360 91316 91430 91438 |
| Container Yard 8 at BAY Construction of a 40-acre container yard, consisting of earthwork, grading, paving (roller compacted concrete and joint reinforced concrete pavement), utility install (sewer, water, electrical, and communications), and striping. | CSP | BPT | INFRA | |
| CMT for Container Yard 8 at BAY Construction Material Testing for the Container Yard 8 at BAY. | RFQ | BPT | INFRA | TBD |
| | | | | 91316 90976 91438 28500 |
| Communication and Power Layout Expansion at Barbours Cut Terminal Expansion of the existing communication and power lines at the west end of Barbours Cut Terminal including additional conduit installation, possible borings to cross existing roads and or rail tracks and pulling wire from existing termination points within the terminal. | CSP | BCT | INFRA | |
| Construct Container Yard 1 South at Bayport Container Terminal First phase establishing a ILA parking lot roughly 5 to 7 acres and associated utilities | CSP | BPT | INFRA | TBD |
| CMT for Construction Container Yard 1 South at Bayport Container Terminal Construction Material Testing for the Construction of Container Yard 1 South at Bayport Container Terminal. | RFQ | BPT | INFRA | TBD |
| | | | | 91223 91259 92586 98838 |
| Greens Bayou Terminal Pre-Development Construction The scope of this project is to survey, clear and grub, and implement temporary drainage appurtenances for future development of the 346-acre tract. | CSP | TBD | INFRA | |
| | | | | 12000 12084 90600 92573 90735 90607 |
| Design and Fabrication of New PHA Tour Boat The following project is the design and fabrication of a vessel to serve as the new PHA tour boat following performance specifications provided by PHA. | RFP | TBD | INFRA | |
| | | | | 96833 91244 91223 |
| Annual Pavement and Drainage Improvements and Dust Control at IPE This project will repair drainage issues and repair Yards 27 and 28 stabilization at Industrial Park East. | CSB | TBT | INFRA | |
| August 2024 | | | | |
| BCT - Interim Parking Lot at BCT West End Phase 3 | TBD | BCT | INFRA | TBD |

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| September 2024 | | | | |
| 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. | CSB | TBT | INFRA | 91430 95990 91223 95935 90976 91484 57076 75573 |
| CMT for Rehabilitation of Fender and Bulkhead for Wharves 20 and 21 Construction Material Testing for the Rehabilitation of Fender and Bulkhead for Wharves 20 and 21 at Turning Basin Terminal. | RFQ | TBT | INFRA | TBD |
| October 2024 | | | | |
| BAY - TWIC Lane Expansion | TBD | BAY | INFRA | TBD |
| 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. | CSP | MAN | INFRA | 91430 95990 91223 95935 90976 91484 57076 |
| CMT for Rehabilitation and repair of Wharf 2 at Manchester Terminal Construction Material Testing for the Rehabilitation and repair of Wharf 2 at Manchester Terminal. | RFQ | MAN | INFRA | TBD |
| November 2024 | | | | |
| NONE | | | | |
| December 2024 | | | | |
| NONE | | | | |

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|---------------------|---------------------------------------|--------------------|---------------|---|--------------------|
| GCARGO | General Cargo | | CHAN | Channel Development | |
| SPI | Spilman Island | | GOV | Government Relations | |
| LLPA | Lost Lake Placement Area | | POPS | Port Operations | |
| EOB | Executive Office Building | | INFRA | Infrastructure | |
| HSC | Houston Ship Channel | | PSEO | Port Security, Emergency, and Operations | |
| IPE | Industrial Park East | | TECH | Technology | |
| JPT | Jacintoport | | PEOP | People | |
| MAN | Manchester | | GC | General Counsel | |
| PHA | Port of Houston Authority | | PI | Public Information | |
| SEC | Security | | CS | Corporate Strategy | |
| SIMS | Sims Bayou | | PHA | Portwide | |
| TB | Turning Basin | | MARKET | Marketing and External Communications | |
| WH | Woodhouse | | EXEC | Executive Level | |
| PA | Placement Area | | BED | Business Equity Division | |
| BW8 | Beltway 8 Property | | FIN | Finance | |
| ENVIR | Environmental | | RISK | Risk Management | |
| DEI | Diversity Equity and Inclusion | | COMM | Commercial | |