



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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William Cass, P.E.
Commissioner

David Rodrigue, P.E.
Assistant Commissioner
Andre Briere, Colonel, USAF (RET)
Deputy Commissioner

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Construction
January 18, 2024

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with SPS New England, Inc. (Vendor 161671) of Salisbury, MA on the basis of a low bid of \$107,559,567.35 for replacement of the State Red List bridge (Neil R. Underwood Bridge, Br. No. 235/025) that carries NH 1A (Ocean Boulevard) over Hampton River at the inlet to Hampton Harbor in Hampton (Project: Seabrook-Hampton #15904), from the date of Governor and Council approval through June 23, 2028, unless amended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2024 and 2025 and is anticipated to be available in State Fiscal Years 2026, 2027 and 2028 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Table with 4 columns: Funding description, FY 2024, FY 2025, FY 2026. Rows include Consolidated Federal Aid and 400-500870 Highway Contract Payments for various fiscal years.

2. Further authorize that a contingency in the amount of \$5,377,978.37 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Table with 2 columns: Funding description, FY 2028. Row includes 400-500870 Highway Contract Payments.

EXPLANATION

This project is part of the State's Ten-Year Transportation Improvement Plan. This project will replace the State Red List bridge (Neil R. Underwood Bridge, Br. No. 235/025) that carries NH 1A (Ocean Boulevard) over Hampton River at the inlet to Hampton Harbor in the Town of Hampton. The project limits begin on NH 1A in the Town of Seabrook approximately 1,500 feet south of the proposed bridge and continue northerly on NH 1A

3,900 feet across the bridge to a point approximately 100 feet south of the intersection with Ashworth Avenue in the Town of Hampton.

The existing bridge, constructed in 1949, is 1,193 feet between abutments and consists of 13-spans with a movable single-leaf bascule span in the center at the navigational channel. The bridge width is 26 feet between curbs. There is a single 4-foot-7-inch sidewalk along the east side. The 150-foot-wide federal navigational channel is reduced to 40 feet as it passes beneath the movable bridge span. The bridge has been on the State Red List of deficient bridges since 1999 due to poor condition of the superstructure.

This project involves bridge replacement with a fixed high-level steel girder structure on a new horizontally curved alignment west of the existing. The proposed bridge will consist of seven spans and have a length of 1,300 feet between abutments. The bridge width will be 38 feet between curbs (two 11-foot travel lanes and 8-foot shoulders) and include two 6-foot sidewalks with overlooks at Piers 2 and 5. The roadway shoulders will improve access for bicyclists and provide the ability for emergency vehicles to pass through traffic queues. The bridge will accommodate the full 150-foot-wide federal navigational channel with a vertical under clearance of 48 feet measured from low steel to mean high water. The improvements to the navigational channel will provide clearance for all regular waterway users, including US Army Corps of Engineers dredging equipment, which is currently too large to transit the existing bridge for harbor channel dredging to the west. Four feet of potential sea level rise has been accounted for in the design. The existing bridge will be demolished and removed upon completion of the proposed bridge replacement work.

Approach roadway improvements consist of full box reconstruction of NH 1A. A pedestrian walkway will be constructed in front of the abutment beneath the north span of the bridge which will connect Hampton Beach State Park to the Hampton State Pier property.

The proposed contingency amount is 5% of the contract amount. The following factors involve higher risks that can potentially increase costs: difficult site/river access and limitation of operations when working near or above the federal navigational channel.

Although the bid costs exceeded the Department's estimate by 40.83% the low bid of two bids received is felt to be reasonable for the work involved. The Department did receive two bids on the project, both bids were higher than our estimate but within the same range, low bidder at \$107,559,567.35 and second bidder at \$119,679,480.00. The Department reviewed the bids and analyzed the results for reasonableness and consistency. The complexity of the project along with the inflationary pressure of the current market contributed significantly to the higher than estimated bids. The project is unique to the Department when developing the estimate due to a limited pool of historical bridges over the ocean, with complex construction access to the work area, limited construction timeframes due to seasonal fluctuations in traffic, limited staging areas for contractor materials, and an anticipated schedule that spans four construction seasons. The major items that contributed to the higher than anticipated bid were: Item 500.02 Access for Bridge Construction \$2,415,475, Item 502.101 Removal of Existing Bridge Structure \$1,600,000, Item 502.102 Removal of Existing Bridge Structure \$4,005,000, Item 509.2 Drilled Shafts \$4,200,000, Item 550.1 Structural Steel \$10,680,030 and Item 692 Mobilization \$3,500,000. It should be

noted that there are very few contractors in the area that can complete this work and that readvertising this project would result, in our opinion, higher prices and would prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish the needed bridge replacement.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is: 80% Federal funds (High Investment Bridge Rehabilitation & Reconstruction (Bridg-HIB-Rehab-Rcn)), with anticipated utilization of Turnpike Toll Credits for the State's 20% match, effectively using 100% Federal Funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Your approval of this resolution is respectfully requested.

Sincerely,



William J. Cass, P.E.  
Commissioner

WJC/pcj

|                      |                         |
|----------------------|-------------------------|
| Department Estimate: | \$ 76,373,398.70        |
| Contract Amount:     | <u>\$107,559,567.35</u> |
| Over Estimate:       | \$ 31,186,168.65        |
| Attachments          |                         |



# ABC Bid Data

SEABROOK - HAMPTON

15904

X-A001(026)

|                              |   |                      |  |
|------------------------------|---|----------------------|--|
| <b>PROJECT:</b>              | SEABROOK - HAMPTON  | <b>Awarded To:</b>   | SPS NEW ENGLAND, INC.  |
| <b>STATE PROJECT NUMBER:</b> | 15904   |                      | 98 ELM STREET  |
| <b>FED. PROJECT NUMBER:</b>  | X-A001(026)   |                      | SALISBURY, MA 01952  |
| <b>DATE BIDS OPEN:</b>       | December 14, 2023,  | <b>Amount:</b>       | \$107,559,567.35   |
| <b>SCOPE OF WORK:</b>        | Reconstruction of Red List bridge carrying NH 1A over Hampton River(Br#235/025)<br>Debt Serv.Proj#42710 | <b>Certified by:</b> | <u>WILLIAM.J.OLDENBURG</u><br><small>Director of Project Development</small> |
| <b>COMPLETION DATE:</b>      | June 23, 2028   | <b>Award Date:</b>   |  |
| <b>LOCATION:</b>             | Rockingham, District 6  |                      |  |

## Summary of Bidders

| Contractor   | Bid Amount       | Rank |
|--|------------------|------|
| SPS NEW ENGLAND, INC.<br>98 ELM STREET, SALISBURY MA 01952 | \$107,559,567.35 | A    |
| REED & REED INC<br>PO BOX 370, WOOLWICH ME 04579           | \$119,679,480.00 | B    |

| Item No. | Description | Unit | Quantity | PS&E       |       | SPS NEW ENGLAND, INC.<br>18 ELM STREET<br>SALISBURY, MA 01952 |       | REED & REED INC<br>PO BOX 378<br>WOOLWICH, ME 04378 |       |
|----------|-------------|------|----------|------------|-------|---|-------|---|-------|
|          |             |      |          | Unit Price | Total | Unit Price  | Total | Unit Price  | Total |

Items

|          |  |    |           |             |              |             |              |             |              |
|----------|--|----|-----------|-------------|--------------|-------------|--------------|-------------|--------------|
| 201.21   | REMOVING SMALL TREES                               | EA | 1.00      | \$220.00    | \$220.00     | \$6,000.00  | \$6,000.00   | \$3,700.00  | \$3,700.00   |
| 201.881  | INVASIVE SPECIES CONTROL TYPE I                    | SY | 550.00    | \$2.00      | \$1,100.00   | \$25.00     | \$13,750.00  | \$21.00     | \$11,550.00  |
| 201.882  | INVASIVE SPECIES CONTROL TYPE II                   | SY | 1,000.00  | \$2.00      | \$2,000.00   | \$25.00     | \$25,000.00  | \$21.00     | \$21,000.00  |
| 202.201  | DEMOLISHING BUILDINGS                              | U  | 1.00      | \$50,000.00 | \$50,000.00  | \$25,000.00 | \$25,000.00  | \$62,000.00 | \$62,000.00  |
| 202.301  | BUILDING ASBESTOS ABATEMENT                        | U  | 1.00      | \$20,000.00 | \$20,000.00  | \$50,000.00 | \$50,000.00  | \$64,000.00 | \$64,000.00  |
| 202.302  | BUILDING ASBESTOS ABATEMENT                        | U  | 1.00      | \$40,000.00 | \$40,000.00  | \$25,000.00 | \$25,000.00  | \$46,000.00 | \$46,000.00  |
| 202.31   | FILL ABANDONED PIPE                                | CY | 3.00      | \$475.00    | \$1,425.00   | \$2,100.00  | \$6,300.00   | \$1,100.00  | \$3,300.00   |
| 202.32   | FILL AND ABANDON STRUCTURE                         | CY | 3.00      | \$300.00    | \$900.00     | \$1,250.00  | \$3,750.00   | \$1,100.00  | \$3,300.00   |
| 202.41   | REMOVAL OF EXISTING PIPE 0-24" DIAMETER            | LF | 340.00    | \$26.00     | \$8,840.00   | \$28.00     | \$9,520.00   | \$75.00     | \$25,500.00  |
| 202.5    | REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES | EA | 4.00      | \$925.00    | \$3,700.00   | \$2,000.00  | \$8,000.00   | \$2,600.00  | \$10,400.00  |
| 202.6    | CURB REMOVAL FOR SALVAGE                           | LF | 2,450.00  | \$7.00      | \$17,150.00  | \$4.60      | \$11,270.00  | \$6.50      | \$15,925.00  |
| 202.7    | REMOVAL OF GUARDRAIL                               | LF | 480.00    | \$5.00      | \$2,400.00   | \$6.50      | \$3,120.00   | \$7.50      | \$3,600.00   |
| 202.8428 | REMOVE AND SALVAGE BRIDGE MOUNTED LIGHT POLE       | U  | 8.00      | \$1,000.00  | \$8,000.00   | \$4,000.00  | \$32,000.00  | \$860.00    | \$6,880.00   |
| 202.861  | REMOVE UTILITY POLE                                | EA | 5.00      | \$1,400.00  | \$7,000.00   | \$4,000.00  | \$20,000.00  | \$150.00    | \$750.00     |
| 203.1    | COMMON EXCAVATION                                  | CY | 3,850.00  | \$15.00     | \$57,750.00  | \$50.00     | \$192,500.00 | \$34.00     | \$130,900.00 |
| 203.11   | COMMON EXCAVATION - LRS                            | CY | 1,350.00  | \$17.00     | \$22,950.00  | \$35.00     | \$47,250.00  | \$39.00     | \$52,650.00  |
| 203.181  | RELOCATION OF SEED BANK AND SAND MATERIALS         | CY | 700.00    | \$25.00     | \$17,500.00  | \$125.00    | \$87,500.00  | \$47.00     | \$32,900.00  |
| 203.2    | ROCK EXCAVATION                                    | CY | 193.00    | \$56.00     | \$10,808.00  | \$175.00    | \$33,775.00  | \$260.00    | \$50,180.00  |
| 203.5571 | EAGRT PLATFORM PREFERRED, TL 2 - 25'               | U  | 4.00      | \$1,475.00  | \$5,900.00   | \$2,100.00  | \$8,400.00   | \$2,100.00  | \$8,400.00   |
| 203.6    | EMBANKMENT-IN-PLACE (F)                            | CY | 8,500.00  | \$12.00     | \$102,000.00 | \$28.00     | \$238,000.00 | \$26.00     | \$221,000.00 |
| 206.1    | COMMON STRUCTURE EXCAVATION                        | CY | 2,300.00  | \$13.00     | \$29,900.00  | \$8.00      | \$18,400.00  | \$31.00     | \$71,300.00  |
| 206.19   | COMMON STRUCTURE EXCAVATION EXPLORATORY            | CY | 40.00     | \$75.00     | \$3,000.00   | \$500.00    | \$20,000.00  | \$260.00    | \$10,400.00  |
| 207.2    | ROCK CHANNEL EXCAVATION                            | CY | 620.00    | \$115.00    | \$59,800.00  | \$150.00    | \$78,000.00  | \$600.00    | \$312,000.00 |
| 207.3    | UNCLASSIFIED CHANNEL EXCAVATION                    | CY | 10,400.00 | \$35.00     | \$364,000.00 | \$29.00     | \$301,600.00 | \$90.00     | \$936,000.00 |

| Item No.  | Description   | Unit | Quantity  | PS&E           |                | SPS NEW ENGLAND, INC.<br>99 ELM STREET<br>SALISBURY, MA 01952 |                 | REED & REED INC<br>PO BOX 378<br>WOOLWICH, ME 04579 |                |
|-----------|---|------|-----------|----------------|----------------|---|-----------------|---|----------------|
|           |   |      |           | Unit Price     | Total          | Unit Price  | Total           | Unit Price  | Total          |
| 209.201   | GRANULAR BACKFILL (BRIDGE) (F)                                    | CY   | 356.00    | \$45.00        | \$16,020.00    | \$70.00   | \$24,920.00     | \$63.00   | \$22,428.00    |
| 209.62    | LIGHTWEIGHT FILL (FGA)  | CY   | 1,700.00  | \$150.00       | \$255,000.00   | \$240.00  | \$408,000.00    | \$205.00  | \$348,500.00   |
| 211.11    | VIBRATION MONITORING SERVICES                                     | HR   | 600.00    | \$125.00       | \$75,000.00    | \$1.00  | \$600.00        | \$75.00   | \$45,000.00    |
| 214.      | FINE GRADING  | U    | 1.00      | \$182,700.00   | \$182,700.00   | \$75,000.00   | \$75,000.00     | \$50,000.00   | \$50,000.00    |
| 304.1     | SAND (F)  | CY   | 3,200.00  | \$25.00        | \$80,000.00    | \$65.00   | \$208,000.00    | \$57.00   | \$182,400.00   |
| 304.4     | CRUSHED STONE (FINE GRADATION) (F)                                | CY   | 2,400.00  | \$32.00        | \$76,800.00    | \$55.00   | \$132,000.00    | \$68.00   | \$163,200.00   |
| 304.499   | TEMPORARY CRUSHED STONE (FINE GRADATION)                          | CY   | 220.00    | \$34.00        | \$7,480.00     | \$55.00   | \$12,100.00     | \$84.00   | \$18,480.00    |
| 304.5     | CRUSHED STONE (COARSE GRADATION) (F)                              | CY   | 1,650.00  | \$28.00        | \$46,200.00    | \$70.00   | \$115,500.00    | \$72.00   | \$118,800.00   |
| 403.11022 | HBP-3/4" BINDER MIX, MACHINE METHOD, QC/QA TIER 2                 | TON  | 1,120.00  | \$75.00        | \$84,000.00    | \$165.00  | \$184,800.00    | \$110.00  | \$123,200.00   |
| 403.11032 | HBP-3/4" WINTER BINDER MIX, MACHINE METHOD, QC/QA TIER 2          | TON  | 1,100.00  | \$71.00        | \$78,100.00    | \$165.00  | \$181,500.00    | \$110.00  | \$121,000.00   |
| 403.11942 | HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2 | TON  | 2,200.00  | \$115.00       | \$253,000.00   | \$190.00  | \$418,000.00    | \$120.00  | \$264,000.00   |
| 403.12    | HBP-HAND METHOD   | TON  | 25.00     | \$240.00       | \$6,000.00     | \$210.00  | \$5,250.00      | \$225.00  | \$5,625.00     |
| 403.16    | PAVEMENT JOINT ADHESIVE   | LF   | 14,400.00 | \$1.00         | \$14,400.00    | \$1.00  | \$14,400.00     | \$1.00  | \$14,400.00    |
| 403.19    | HBP-TEMPORARY   | TON  | 180.00    | \$200.00       | \$36,000.00    | \$270.00  | \$48,600.00     | \$135.00  | \$24,300.00    |
| 403.21053 | HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)                        | TON  | 313.00    | \$200.00       | \$62,600.00    | \$290.00  | \$90,770.00     | \$175.00  | \$54,775.00    |
| 403.26    | PAVEMENT JOINT ADHESIVE (BRIDGE BASE)                             | LF   | 6,570.00  | \$1.25         | \$8,212.50     | \$1.00  | \$6,570.00      | \$1.00  | \$6,570.00     |
| 410.22    | ASPHALT EMULSION FOR TACK COAT                                    | GAL  | 1,700.00  | \$9.00         | \$15,300.00    | \$13.00   | \$22,100.00     | \$5.00  | \$8,500.00     |
| 417.      | COLD PLANING BITUMINOUS SURFACES                                  | SY   | 12,200.00 | \$5.00         | \$61,000.00    | \$10.00   | \$122,000.00    | \$5.00  | \$61,000.00    |
| 600.02    | ACCESS FOR BRIDGE CONSTRUCTION                                    | U    | 1.00      | \$9,584,525.00 | \$9,584,525.00 | \$12,000,000.00   | \$12,000,000.00 | \$7,500,000.00                                      | \$7,500,000.00 |
| 602.101   | REMOVAL OF EXISTING BRIDGE STRUCTURE                              | U    | 1.00      | \$1,900,000.00 | \$1,900,000.00 | \$3,500,000.00  | \$3,500,000.00  | \$3,000,000.00                                      | \$3,000,000.00 |
| 602.102   | REMOVAL OF EXISTING BRIDGE STRUCTURE                              | U    | 1.00      | \$2,995,000.00 | \$2,995,000.00 | \$7,000,000.00  | \$7,000,000.00  | \$8,500,000.00                                      | \$8,500,000.00 |
| 603.201   | COFFERDAMS  | U    | 1.00      | \$285,000.00   | \$285,000.00   | \$500,000.00  | \$500,000.00    | \$6,000,000.00                                      | \$6,000,000.00 |
| 603.202   | COFFERDAMS  | U    | 1.00      | \$100,000.00   | \$100,000.00   | \$200,000.00  | \$200,000.00    | \$750,000.00  | \$750,000.00   |
| 603.203   | COFFERDAMS  | U    | 1.00      | \$80,000.00    | \$80,000.00    | \$200,000.00  | \$200,000.00    | \$750,000.00  | \$750,000.00   |
| 603.204   | COFFERDAMS  | U    | 1.00      | \$100,000.00   | \$100,000.00   | \$350,000.00  | \$350,000.00    | \$1,000,000.00                                      | \$1,000,000.00 |
| 603.301   | COFFERDAMS WITH SHEETING LEFT-IN-PLACE                            | U    | 1.00      | \$204,000.00   | \$204,000.00   | \$150,000.00  | \$150,000.00    | \$300,000.00  | \$300,000.00   |

| Item No.  | Description   | Unit | Quantity   | PS&E         |                | SPS NEW ENGLAND, INC.<br>98 ELM STREET<br>SALISBURY, MA 01932 |                | REED & REED INC<br>PO BOX 378<br>WOOLWICH, ME 04578 |                |
|-----------|---|------|------------|--------------|----------------|---|----------------|---|----------------|
|           |   |      |            | Unit Price   | Total          | Unit Price  | Total          | Unit Price  | Total          |
| 503.302   | COFFERDAMS WITH SHEETING LEFT-IN-PLACE                              | U    | 1.00       | \$256,000.00 | \$256,000.00   | \$400,000.00  | \$400,000.00   | \$300,000.00  | \$300,000.00   |
| 504.1     | COMMON BRIDGE EXCAVATION (F)  | CY   | 685.00     | \$45.00      | \$30,825.00    | \$100.00  | \$68,500.00    | \$65.00   | \$44,525.00    |
| 504.2     | ROCK BRIDGE EXCAVATION  | CY   | 170.00     | \$100.00     | \$17,000.00    | \$155.00  | \$26,350.00    | \$250.00  | \$42,500.00    |
| 506.2     | STEEL SHEET PILING  | LB   | 387,100.00 | \$2.75       | \$1,064,525.00 | \$2.50  | \$967,750.00   | \$2.50  | \$967,750.00   |
| 508.      | STRUCTURAL FILL   | CY   | 375.00     | \$45.00      | \$16,875.00    | \$60.00   | \$22,500.00    | \$85.00   | \$31,875.00    |
| 509.1     | MOBILIZATION AND DEMOBILIZATION OF DRILLED SHAFT DRILLING EQUIPMENT | U    | 1.00       | \$300,000.00 | \$300,000.00   | \$750,000.00  | \$750,000.00   | \$9,500,000.00                                      | \$9,500,000.00 |
| 509.2     | DRILLED SHAFTS  | LF   | 2,100.00   | \$2,000.00   | \$4,200,000.00 | \$4,000.00  | \$8,400,000.00 | \$2,300.00  | \$4,830,000.00 |
| 509.3     | OBSTRUCTION REMOVAL   | LF   | 105.00     | \$200.00     | \$21,000.00    | \$4,750.00  | \$498,750.00   | \$1,200.00  | \$126,000.00   |
| 509.4     | ROCK SOCKET EXCAVATION  | LF   | 375.00     | \$2,500.00   | \$937,500.00   | \$4,000.00  | \$1,500,000.00 | \$2,500.00  | \$937,500.00   |
| 509.51    | CROSSHOLE SONIC LOGGING (CSL) TEST                                  | EA   | 36.00      | \$3,500.00   | \$126,000.00   | \$6,750.00  | \$243,000.00   | \$7,500.00  | \$270,000.00   |
| 509.52    | THERMAL IMAGE PROFILING (TIP) TEST                                  | EA   | 6.00       | \$9,000.00   | \$54,000.00    | \$12,800.00   | \$76,800.00    | \$10,000.00   | \$60,000.00    |
| 509.62    | DRILLED SHAFT REINFORCING STEEL                                     | LB   | 425,000.00 | \$2.00       | \$850,000.00   | \$3.85  | \$1,636,250.00 | \$2.20  | \$935,000.00   |
| 510.1     | PILE DRIVING EQUIPMENT  | U    | 1.00       | \$100,000.00 | \$100,000.00   | \$75,000.00   | \$75,000.00    | \$100,000.00  | \$100,000.00   |
| 510.22    | HIGH-STRAIN DYNAMIC TESTING   | EA   | 4.00       | \$5,000.00   | \$20,000.00    | \$4,250.00  | \$17,000.00    | \$12,000.00   | \$48,000.00    |
| 510.61    | FURNISHING & DRIVING STEEL BEARING PILES                            | LB   | 613,300.00 | \$2.50       | \$1,533,250.00 | \$2.00  | \$1,226,600.00 | \$1.75  | \$1,073,275.00 |
| 510.65    | DRIVING-POINTS FOR STEEL BEARING PILES                              | EA   | 72.00      | \$200.00     | \$14,400.00    | \$200.00  | \$14,400.00    | \$250.00  | \$18,000.00    |
| 510.9     | PILE SPLICES  | EA   | 72.00      | \$300.00     | \$21,600.00    | \$2,750.00  | \$198,000.00   | \$1,000.00  | \$72,000.00    |
| 520.02    | CONCRETE CLASS AA, ABOVE FOOTINGS (F)                               | CY   | 1,178.00   | \$1,200.00   | \$1,414,800.00 | \$1,950.00  | \$2,299,050.00 | \$3,200.00  | \$3,772,800.00 |
| 520.02021 | CONCRETE CLASS AA, RAIL SUPPORT SLAB (QC/QA) (F)                    | CY   | 330.00     | \$1,200.00   | \$396,000.00   | \$1,200.00  | \$396,000.00   | \$3,000.00  | \$990,000.00   |
| 520.021   | CONCRETE CLASS AA, FOOTINGS (F)                                     | CY   | 3,620.00   | \$800.00     | \$2,896,000.00 | \$750.00  | \$2,715,000.00 | \$950.00  | \$3,439,000.00 |
| 520.0302  | CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)                        | CY   | 71.00      | \$600.00     | \$42,600.00    | \$500.00  | \$35,500.00    | \$1,400.00  | \$99,400.00    |
| 520.1     | CONCRETE CLASS A  | CY   | 1.00       | \$1,375.00   | \$1,375.00     | \$5,000.00  | \$5,000.00     | \$1,500.00  | \$1,500.00     |
| 520.12    | CONCRETE CLASS A, ABOVE FOOTINGS (F)                                | CY   | 505.00     | \$1,000.00   | \$505,000.00   | \$1,575.00  | \$795,375.00   | \$4,500.00  | \$2,272,500.00 |
| 520.2     | CONCRETE CLASS B  | CY   | 3.00       | \$685.00     | \$2,055.00     | \$1,500.00  | \$4,500.00     | \$1,500.00  | \$4,500.00     |
| 520.21    | CONCRETE CLASS B, FOOTINGS (F)                                      | CY   | 200.00     | \$500.00     | \$100,000.00   | \$750.00  | \$150,000.00   | \$1,500.00  | \$300,000.00   |
| 520.6     | CONCRETE CLASS T, FOUNDATION SEAL                                   | CY   | 393.00     | \$375.00     | \$147,375.00   | \$300.00  | \$117,900.00   | \$550.00  | \$216,150.00   |

| Item No. | Description  | Unit | Quantity     | PS&E         |                 | BPS NEW ENGLAND, INC.<br>86 ELM STREET<br>SALISBURY, MA 01952 |                 | REED & REED INC<br>PO BOX 379<br>WOOLWICH, ME 04579 |                 |
|----------|--|------|--------------|--------------|-----------------|---|-----------------|---|-----------------|
|          |  |      |              | Unit Price   | Total           | Unit Price  | Total           | Unit Price  | Total           |
| 520.7002 | CONCRETE BRIDGE DECK (QC/QA) (F)                         | CY   | 2,239.00     | \$1,300.00   | \$2,910,700.00  | \$1,500.00  | \$3,358,500.00  | \$2,100.00  | \$4,701,900.00  |
| 528.51   | PRESTRESSED CONCRETE DECK PANELS (F)                     | SF   | 50,095.00    | \$22.00      | \$1,102,090.00  | \$25.00   | \$1,252,375.00  | \$24.00   | \$1,202,280.00  |
| 529.21   | PRECAST CONCRETE SUBSTRUCTURE, PIER (STAY-IN-PLACE FORM) | CY   | 1,240.00     | \$2,000.00   | \$2,480,000.00  | \$0.01  | \$12.40         | \$1,000.00  | \$1,240,000.00  |
| 532.1    | ANTI-GRAFFITI COATING                                    | SF   | 2,090.00     | \$2.00       | \$4,180.00      | \$1.10  | \$2,299.00      | \$11.00   | \$22,990.00     |
| 534.3    | WATER REPELLENT (SILANE/SILOXANE)                        | GAL  | 447.00       | \$100.00     | \$44,700.00     | \$170.00  | \$75,990.00     | \$150.00  | \$67,050.00     |
| 538.2    | BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F) | SY   | 50.00        | \$70.00      | \$3,500.00      | \$20.00   | \$1,000.00      | \$550.00  | \$27,500.00     |
| 538.6    | BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)       | SY   | 5,480.00     | \$27.00      | \$147,960.00    | \$31.00   | \$169,880.00    | \$50.00   | \$274,000.00    |
| 540.201  | FENDER SYSTEM  | U    | 4.00         | \$200,000.00 | \$800,000.00    | \$85,000.00   | \$340,000.00    | \$90,000.00   | \$360,000.00    |
| 540.202  | FENDER SYSTEM  | U    | 2.00         | \$130,000.00 | \$260,000.00    | \$80,000.00   | \$160,000.00    | \$300,000.00  | \$600,000.00    |
| 541.1    | PVC WATERSTOPS, NH TYPE 1 (F)                            | LF   | 140.00       | \$10.00      | \$1,400.00      | \$14.00   | \$1,960.00      | \$33.00   | \$4,620.00      |
| 541.2    | PVC WATERSTOPS, NH TYPE 2 (F)                            | LF   | 148.00       | \$10.00      | \$1,480.00      | \$16.00   | \$2,368.00      | \$11.00   | \$1,628.00      |
| 544.     | REINFORCING STEEL (F)                                    | LB   | 9,050.00     | \$2.00       | \$18,100.00     | \$2.00  | \$18,100.00     | \$2.00  | \$18,100.00     |
| 544.1    | REINFORCING STEEL (ROADWAY)                              | LB   | 11.00        | \$2.00       | \$22.00         | \$2,200.00  | \$24,200.00     | \$11.00   | \$121.00        |
| 544.2    | REINFORCING STEEL, EPOXY COATED (F)                      | LB   | 1,382,840.00 | \$2.50       | \$3,407,100.00  | \$2.00  | \$2,725,680.00  | \$2.00  | \$2,725,680.00  |
| 544.23   | REINFORCING STEEL-EPOXY COATED COUPLER                   | EA   | 218.00       | \$62.00      | \$13,392.00     | \$200.00  | \$43,200.00     | \$275.00  | \$59,400.00     |
| 544.7    | SYNTHETIC FIBER REINFORCEMENT (F)                        | LB   | 700.00       | \$9.00       | \$6,300.00      | \$23.00   | \$16,100.00     | \$12.00   | \$8,400.00      |
| 547.1    | SHEAR CONNECTORS (F)                                     | EA   | 16,170.00    | \$10.00      | \$161,700.00    | \$7.00  | \$113,190.00    | \$10.00   | \$161,700.00    |
| 547.2    | SHEAR CONNECTORS (F)                                     | EA   | 905.00       | \$10.00      | \$9,050.00      | \$7.00  | \$6,335.00      | \$50.00   | \$45,250.00     |
| 548.21   | ELASTOMERIC BEARING ASSEMBLIES (F)                       | EA   | 42.00        | \$7,000.00   | \$294,000.00    | \$16,000.00   | \$672,000.00    | \$18,000.00   | \$756,000.00    |
| 548.22   | ELASTOMERIC BEARING ASSEMBLIES (F)                       | EA   | 6.00         | \$7,000.00   | \$42,000.00     | \$13,000.00   | \$78,000.00     | \$16,000.00   | \$96,000.00     |
| 550.1    | STRUCTURAL STEEL (F)                                     | LB   | 4,030,200.00 | \$4.35       | \$17,531,370.00 | \$7.00  | \$28,211,400.00 | \$4.75  | \$19,143,450.00 |
| 561.2001 | PREFABRICATED MODULAR BRIDGE JOINT SYSTEM (F)            | LF   | 54.00        | \$5,000.00   | \$270,000.00    | \$7,500.00  | \$405,000.00    | \$6,500.00  | \$351,000.00    |
| 561.2002 | PREFABRICATED MODULAR BRIDGE JOINT SYSTEM (F)            | LF   | 54.00        | \$5,000.00   | \$270,000.00    | \$8,750.00  | \$472,500.00    | \$7,500.00  | \$405,000.00    |
| 562.1    | SILICONE JOINT SEALANT (F)                               | LF   | 180.00       | \$25.00      | \$4,500.00      | \$35.00   | \$6,300.00      | \$30.00   | \$5,400.00      |
| 563.24   | BRIDGE RAIL T4   | LF   | 2,989.00     | \$350.00     | \$1,046,150.00  | \$575.00  | \$1,718,675.00  | \$300.00  | \$896,700.00    |
| 563.243  | BRIDGE RAIL T4 WITH SNOW SCREENING                       | LF   | 221.00       | \$400.00     | \$88,400.00     | \$850.00  | \$187,850.00    | \$325.00  | \$71,825.00     |



# ABC Bid Data

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No.  | Description                                       | Unit | Quantity | PS&E        |              | SPS NEW ENGLAND, INC.<br>90 ELM STREET<br>SALISBURY, MA 01952 |              | REED & REED INC<br>PO BOX 370<br>WOOLWICH, ME 04578 |                |
|-----------|---|------|----------|-------------|--------------|---|--------------|---|----------------|
|           |   |      |          | Unit Price  | Total        | Unit Price  | Total        | Unit Price  | Total          |
| 564.1     | BRIDGE LIGHTING SYSTEM                            | U    | 1.00     | \$3,700.00  | \$3,700.00   | \$110,000.00  | \$110,000.00 | \$20,000.00   | \$20,000.00    |
| 564.4     | BRIDGE NAVIGATION LIGHTS                          | U    | 1.00     | \$70,000.00 | \$70,000.00  | \$130,000.00  | \$130,000.00 | \$200,000.00  | \$200,000.00   |
| 565.242   | BRIDGE APPROACH RAIL T4 (STEEL POSTS)             | U    | 4.00     | \$12,500.00 | \$50,000.00  | \$22,000.00   | \$88,000.00  | \$12,000.00   | \$48,000.00    |
| 583.5     | RIPRAP, CLASS V                                   | CY   | 2,540.00 | \$75.00     | \$190,500.00 | \$170.00  | \$431,800.00 | \$270.00  | \$685,800.00   |
| 583.9     | RIPRAP, CLASS IX                                  | CY   | 8,070.00 | \$95.00     | \$766,650.00 | \$0.01  | \$80.70      | \$325.00  | \$2,622,750.00 |
| 585.3     | STONE FILL, CLASS C                               | CY   | 6.00     | \$75.00     | \$600.00     | \$115.00  | \$920.00     | \$85.00   | \$680.00       |
| 593.211   | GEOTEXTILE; SEPARATION CL.1, NON-WOVEN            | SY   | 1,300.00 | \$5.00      | \$6,500.00   | \$3.00  | \$3,900.00   | \$11.00   | \$14,300.00    |
| 593.411   | GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN          | SY   | 2,590.00 | \$5.00      | \$12,950.00  | \$4.00  | \$10,360.00  | \$6.00  | \$15,540.00    |
| 593.421   | GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN          | SY   | 1,100.00 | \$4.00      | \$4,400.00   | \$3.50  | \$3,850.00   | \$6.00  | \$6,600.00     |
| 603.0001  | VIDEO INSPECTION                                  | LF   | 1,900.00 | \$4.00      | \$7,600.00   | \$2.00  | \$3,800.00   | \$3.50  | \$6,650.00     |
| 603.00212 | 12" R.C. PIPE, 2000D                              | LF   | 5.00     | \$67.00     | \$335.00     | \$400.00  | \$2,000.00   | \$315.00  | \$1,575.00     |
| 603.00215 | 15" R.C. PIPE, 2000D                              | LF   | 280.00   | \$75.00     | \$19,500.00  | \$150.00  | \$39,000.00  | \$190.00  | \$49,400.00    |
| 603.25112 | 12" STEEL PIPE SLEEVE (0.250")                    | LF   | 249.00   | \$100.00    | \$24,900.00  | \$70.00   | \$17,430.00  | \$145.00  | \$36,105.00    |
| 603.25124 | 24" STEEL PIPE SLEEVE (0.250")                    | LF   | 115.00   | \$150.00    | \$17,250.00  | \$300.00  | \$34,500.00  | \$335.00  | \$38,525.00    |
| 603.33215 | 15" CORR. POLYETHYLENE END SECTION                | EA   | 1.00     | \$327.00    | \$327.00     | \$400.00  | \$400.00     | \$365.00  | \$365.00       |
| 603.33218 | 18" CORR. POLYETHYLENE END SECTION                | EA   | 1.00     | \$500.00    | \$500.00     | \$475.00  | \$475.00     | \$680.00  | \$680.00       |
| 603.8051  | UNDERGROUND INFILTRATION SYSTEM                   | U    | 1.00     | \$64,000.00 | \$64,000.00  | \$200,000.00  | \$200,000.00 | \$81,000.00   | \$81,000.00    |
| 603.82212 | 12" PE PIPE (TYPE S)                              | LF   | 25.00    | \$60.00     | \$1,500.00   | \$70.00   | \$1,750.00   | \$72.00   | \$1,800.00     |
| 603.82215 | 15" PE PIPE (TYPE S)                              | LF   | 920.00   | \$65.00     | \$59,800.00  | \$60.00   | \$55,200.00  | \$92.00   | \$84,640.00    |
| 603.82218 | 18" PE PIPE (TYPE S)                              | LF   | 490.00   | \$80.00     | \$39,200.00  | \$75.00   | \$36,750.00  | \$100.00  | \$49,000.00    |
| 603.82224 | 24" PE PIPE (TYPE S)                              | LF   | 10.00    | \$156.00    | \$1,560.00   | \$550.00  | \$5,500.00   | \$155.00  | \$1,550.00     |
| 604.0007  | POLYETHYLENE LINER                                | EA   | 15.00    | \$220.00    | \$3,300.00   | \$155.00  | \$2,325.00   | \$340.00  | \$5,100.00     |
| 604.124   | CATCH BASINS TYPE B, 4-FOOT DIAMETER              | U    | 18.00    | \$2,890.00  | \$46,240.00  | \$4,500.00  | \$72,000.00  | \$5,300.00  | \$84,800.00    |
| 604.324   | DRAINAGE MANHOLES, 4-FOOT DIAMETER                | U    | 3.00     | \$3,000.00  | \$9,000.00   | \$4,500.00  | \$13,500.00  | \$5,300.00  | \$15,900.00    |
| 604.4     | RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET | LF   | 2.00     | \$510.00    | \$1,020.00   | \$650.00  | \$1,300.00   | \$525.00  | \$1,050.00     |
| 604.51    | RECONSTRUCTING/ADJUSTING SEWER MANHOLES           | LF   | 9.00     | \$750.00    | \$6,750.00   | \$800.00  | \$7,200.00   | \$365.00  | \$3,285.00     |

| Item No.  | Description  | Unit | Quantity | PS&E       |              | SPS NEW ENGLAND, INC.<br>80 ELM STREET<br>SALISBURY, MA 01952 |              | REED & REED INC<br>PO BOX 370<br>WOOLWICH, ME 04578 |                |
|-----------|--|------|----------|------------|--------------|---|--------------|---|----------------|
|           |  |      |          | Unit Price | Total        | Unit Price  | Total        | Unit Price  | Total          |
| 604.9101  | OUTLET CONTROL STRUCTURE   | U    | 1.00     | \$8,000.00 | \$8,000.00   | \$10,000.00   | \$10,000.00  | \$5,200.00  | \$5,200.00     |
| 604.9102  | OUTLET CONTROL STRUCTURE   | U    | 1.00     | \$8,000.00 | \$8,000.00   | \$10,000.00   | \$10,000.00  | \$5,200.00  | \$5,200.00     |
| 604.9103  | OUTLET CONTROL STRUCTURE   | U    | 1.00     | \$8,000.00 | \$8,000.00   | \$10,000.00   | \$10,000.00  | \$5,200.00  | \$5,200.00     |
| 604.9104  | OUTLET CONTROL STRUCTURE   | U    | 1.00     | \$8,000.00 | \$8,000.00   | \$10,000.00   | \$10,000.00  | \$5,200.00  | \$5,200.00     |
| 606.12551 | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST) | U    | 4.00     | \$3,530.00 | \$14,120.00  | \$5,100.00  | \$20,400.00  | \$3,500.00  | \$14,000.00    |
| 606.18001 | 31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)             | LF   | 175.00   | \$28.00    | \$4,900.00   | \$48.00   | \$8,400.00   | \$28.00   | \$4,900.00     |
| 606.417   | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL                      | LF   | 3,350.00 | \$33.00    | \$110,550.00 | \$94.00   | \$314,900.00 | \$125.00  | \$418,750.00   |
| 606.41741 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE             | LF   | 756.00   | \$64.00    | \$48,000.00  | \$115.00  | \$86,250.00  | \$250.00  | \$187,500.00   |
| 606.93    | TEMPORARY BEAM GUARDRAIL   | LF   | 150.00   | \$32.00    | \$4,800.00   | \$48.00   | \$7,200.00   | \$15.00   | \$2,250.00     |
| 606.93255 | TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT EAGRT, TL-2) (STEEL POSTS) | U    | 2.00     | \$4,000.00 | \$8,000.00   | \$5,100.00  | \$10,200.00  | \$5,500.00  | \$11,000.00    |
| 606.9512  | TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 2        | U    | 2.00     | \$7,500.00 | \$15,000.00  | \$6,900.00  | \$13,800.00  | \$13,000.00   | \$26,000.00    |
| 606.9522  | TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2     | U    | 3.00     | \$3,500.00 | \$10,500.00  | \$4,100.00  | \$12,300.00  | \$10,000.00   | \$30,000.00    |
| 607.9840  | RESETTING MISCELLANEOUS FENCE TYPES, 4" HIGH                       | LF   | 330.00   | \$70.00    | \$23,100.00  | \$45.00   | \$14,850.00  | \$50.00   | \$16,500.00    |
| 608.24    | 4" CONCRETE SIDEWALK (F)   | SY   | 1,400.00 | \$67.00    | \$93,800.00  | \$68.00   | \$95,200.00  | \$105.00  | \$147,000.00   |
| 608.36    | 6" REINFORCED CONCRETE SIDEWALK (F)                                | SY   | 320.00   | \$96.00    | \$30,720.00  | \$85.00   | \$27,200.00  | \$130.00  | \$41,600.00    |
| 608.64    | DETECTABLE WARNING DEVICES, CAST IRON                              | SY   | 20.00    | \$450.00   | \$9,000.00   | \$110.00  | \$2,200.00   | \$440.00  | \$8,800.00     |
| 609.01    | STRAIGHT GRANITE CURB  | LF   | 2,250.00 | \$49.00    | \$110,250.00 | \$50.00   | \$112,500.00 | \$55.00   | \$123,750.00   |
| 609.216   | STRAIGHT GRANITE SLOPE CURB 6" HIGH                                | LF   | 175.00   | \$27.00    | \$4,725.00   | \$50.00   | \$8,750.00   | \$51.00   | \$8,925.00     |
| 609.5     | RESET GRANITE CURB   | LF   | 920.00   | \$19.00    | \$17,480.00  | \$25.00   | \$23,000.00  | \$20.00   | \$18,400.00    |
| 611.05208 | 8" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52                     | LF   | 115.00   | \$140.00   | \$16,100.00  | \$200.00  | \$23,000.00  | \$135.00  | \$15,525.00    |
| 611.05212 | 12" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52                    | LF   | 630.00   | \$180.00   | \$113,400.00 | \$230.00  | \$144,900.00 | \$175.00  | \$110,250.00   |
| 611.41502 | STEEL CASING PIPE WITH 8" DI CARRIER PIPE                          | LF   | 55.00    | \$165.00   | \$9,075.00   | \$200.00  | \$11,000.00  | \$440.00  | \$24,200.00    |
| 611.43914 | 12" SUPPORTED CEMENT LINED DI WATER PIPE (DI-MJ), INSULATED        | LF   | 1,430.00 | \$590.00   | \$843,700.00 | \$410.00  | \$586,300.00 | \$900.00  | \$1,287,000.00 |
| 611.51020 | 2" CORPORATION STOP  | EA   | 2.00     | \$350.00   | \$700.00     | \$1,245.00  | \$2,490.00   | \$1,250.00  | \$2,500.00     |
| 611.62010 | 1" CURB STOP WITH BOX  | EA   | 1.00     | \$450.00   | \$450.00     | \$1,070.00  | \$1,070.00   | \$1,000.00  | \$1,000.00     |
| 611.62020 | 2" CURB STOP WITH BOX  | EA   | 1.00     | \$500.00   | \$500.00     | \$1,615.00  | \$1,615.00   | \$1,600.00  | \$1,600.00     |

| Item No.  | Description  | Unit | Quantity | PS&E        |              | SPS NEW ENGLAND, INC.<br>96 ELM STREET<br>SALISBURY, MA 01852 |                | REED & REED INC<br>PO BOX 370<br>WOOLWICH, ME 04579 |              |
|-----------|--|------|----------|-------------|--------------|---|----------------|---|--------------|
|           |  |      |          | Unit Price  | Total        | Unit Price  | Total          | Unit Price  | Total        |
| 611.55010 | 1" PE SERVICE PIPE                                   | LF   | 6.00     | \$50.00     | \$300.00     | \$350.00  | \$2,100.00     | \$105.00  | \$630.00     |
| 611.55020 | 2" PE SERVICE PIPE                                   | LF   | 460.00   | \$20.00     | \$9,200.00   | \$48.00   | \$22,080.00    | \$65.00   | \$29,900.00  |
| 611.70008 | 8" FITTING   | EA   | 7.00     | \$760.00    | \$5,320.00   | \$1,190.00  | \$8,330.00     | \$1,000.00  | \$7,000.00   |
| 611.70012 | 12" FITTING  | EA   | 10.00    | \$1,400.00  | \$14,000.00  | \$1,250.00  | \$12,500.00    | \$1,600.00  | \$16,000.00  |
| 611.70404 | 4" LINES TOP   | EA   | 1.00     | \$5,000.00  | \$5,000.00   | \$9,220.00  | \$9,220.00     | \$9,500.00  | \$9,500.00   |
| 611.70408 | 8" LINES TOP   | EA   | 3.00     | \$5,000.00  | \$15,000.00  | \$11,500.00   | \$34,500.00    | \$9,500.00  | \$28,500.00  |
| 611.70412 | 12" LINES TOP  | EA   | 1.00     | \$14,000.00 | \$14,000.00  | \$27,500.00   | \$27,500.00    | \$25,000.00   | \$25,000.00  |
| 611.71006 | 6" GATE VALVE WITH BOX                               | EA   | 2.00     | \$1,400.00  | \$2,800.00   | \$2,200.00  | \$4,400.00     | \$3,100.00  | \$6,200.00   |
| 611.71008 | 8" GATE VALVE WITH BOX                               | EA   | 6.00     | \$2,400.00  | \$12,000.00  | \$2,400.00  | \$12,000.00    | \$3,500.00  | \$17,500.00  |
| 611.71012 | 12" GATE VALVE WITH BOX                              | EA   | 1.00     | \$3,600.00  | \$3,600.00   | \$5,030.00  | \$5,030.00     | \$5,000.00  | \$5,000.00   |
| 611.71112 | 12" TAPPING SLEEVE & VALVE WITH BOX                  | EA   | 1.00     | \$8,050.00  | \$8,050.00   | \$11,900.00   | \$11,900.00    | \$11,000.00   | \$11,000.00  |
| 611.73008 | 8" COUPLING  | EA   | 1.00     | \$530.00    | \$530.00     | \$1,700.00  | \$1,700.00     | \$1,300.00  | \$1,300.00   |
| 611.73312 | 12" EXPANSION JOINT                                  | EA   | 2.00     | \$1,300.00  | \$2,600.00   | \$20,500.00   | \$41,000.00    | \$20,000.00   | \$40,000.00  |
| 611.74206 | 8" X 6" REDUCER                                      | EA   | 1.00     | \$750.00    | \$750.00     | \$1,040.00  | \$1,040.00     | \$2,100.00  | \$2,100.00   |
| 611.74408 | 12" X 8" REDUCER                                     | EA   | 2.00     | \$1,000.00  | \$2,000.00   | \$1,350.00  | \$2,700.00     | \$320.00  | \$640.00     |
| 611.75    | AIR RELEASE VALVE WITH VAULT                         | EA   | 1.00     | \$2,100.00  | \$2,100.00   | \$3,250.00  | \$3,250.00     | \$8,100.00  | \$8,100.00   |
| 611.78108 | 8" FLOW METER WITH VAULT                             | U    | 1.00     | \$28,000.00 | \$28,000.00  | \$26,300.00   | \$26,300.00    | \$45,000.00   | \$45,000.00  |
| 611.78302 | 2" METER PIT   | U    | 1.00     | \$9,340.00  | \$9,340.00   | \$4,700.00  | \$4,700.00     | \$12,000.00   | \$12,000.00  |
| 611.81    | HYDRANT  | EA   | 2.00     | \$4,580.00  | \$9,160.00   | \$8,400.00  | \$16,800.00    | \$7,500.00  | \$15,000.00  |
| 611.814   | REMOVE HYDRANT                                       | EA   | 1.00     | \$1,250.00  | \$1,250.00   | \$4,030.00  | \$4,030.00     | \$3,200.00  | \$3,200.00   |
| 614.16218 | 6" 2-DUCT PVC CONDUIT, SCHEDULE 80, CONCRETE ENCASED | LF   | 270.00   | \$438.30    | \$118,341.00 | \$220.00  | \$59,400.00    | \$275.00  | \$74,250.00  |
| 614.16918 | 6" 9-DUCT PVC CONDUIT, SCHEDULE 80, CONCRETE ENCASED | LF   | 732.00   | \$624.70    | \$457,280.40 | \$440.00  | \$322,080.00   | \$400.00  | \$292,800.00 |
| 614.2229  | 2" 2-DUCT FIBERGLASS CONDUIT (BRIDGE)                | LF   | 635.00   | \$45.00     | \$28,575.00  | \$130.00  | \$82,550.00    | \$100.00  | \$63,500.00  |
| 614.2419  | 4" FIBERGLASS CONDUIT (BRIDGE)                       | LF   | 1,304.00 | \$60.00     | \$78,240.00  | \$88.00   | \$114,752.00   | \$90.00   | \$117,360.00 |
| 614.2699  | 6" 9-DUCT FIBERGLASS CONDUIT (BRIDGE)                | LF   | 1,310.00 | \$395.48    | \$518,078.80 | \$800.00  | \$1,048,000.00 | \$425.00  | \$556,750.00 |
| 614.522   | MOLDED PULL BOX 13"X24"                              | EA   | 2.00     | \$750.00    | \$1,500.00   | \$1,140.00  | \$2,280.00     | \$1,300.00  | \$2,600.00   |

| Item No.  | Description  | Unit | Quantity   | PS&E         |              | EPS NEW ENGLAND, INC.<br>98 ELM STREET<br>SALISBURY, MA 01852 |              | REED & REED INC<br>PO BOX 370<br>WOOLWICH, ME 04578 |              |
|-----------|--|------|------------|--------------|--------------|---|--------------|---|--------------|
|           |  |      |            | Unit Price   | Total        | Unit Price  | Total        | Unit Price  | Total        |
| 614.523   | MOLDED PULL BOX 17"X30"                                | EA   | 5.00       | \$860.00     | \$4,300.00   | \$1,200.00  | \$6,000.00   | \$1,800.00  | \$9,000.00   |
| 614.59    | ELECTRIC VAULT   | U    | 2.00       | \$25,663.50  | \$51,327.00  | \$18,000.00   | \$36,000.00  | \$40,000.00   | \$80,000.00  |
| 614.72114 | 2" PVC CONDUIT, SCHEDULE 40                            | LF   | 1,170.00   | \$20.00      | \$23,400.00  | \$53.00   | \$62,010.00  | \$20.00   | \$23,400.00  |
| 614.73114 | 3" PVC CONDUIT, SCHEDULE 40                            | LF   | 730.00     | \$30.00      | \$21,900.00  | \$63.00   | \$45,990.00  | \$35.00   | \$25,550.00  |
| 614.74118 | 4" PVC CONDUIT, SCHEDULE 80                            | LF   | 263.00     | \$30.00      | \$7,890.00   | \$70.00   | \$18,410.00  | \$65.00   | \$17,095.00  |
| 614.76114 | 6" PVC CONDUIT, SCHEDULE 40                            | LF   | 80.00      | \$40.00      | \$2,400.00   | \$92.00   | \$5,520.00   | \$125.00  | \$7,500.00   |
| 615.0301  | TRAFFIC SIGN TYPE C                                    | SF   | 122.00     | \$62.00      | \$7,564.00   | \$122.00  | \$14,884.00  | \$95.00   | \$11,590.00  |
| 615.033   | REMOVING TRAFFIC SIGN, TYPE C                          | U    | 61.00      | \$64.00      | \$3,904.00   | \$53.00   | \$3,233.00   | \$40.00   | \$2,440.00   |
| 615.034   | RELOCATING TRAFFIC SIGN, TYPE C                        | U    | 12.00      | \$200.00     | \$2,400.00   | \$364.00  | \$4,368.00   | \$275.00  | \$3,300.00   |
| 615.0601  | TRAFFIC SIGN TYPE CC                                   | SF   | 42.00      | \$30.00      | \$1,260.00   | \$22.00   | \$924.00     | \$16.00   | \$672.00     |
| 615.30691 | BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE (MODIFIED)       | U    | 4.00       | \$4,800.00   | \$19,200.00  | \$1,325.00  | \$5,300.00   | \$12,000.00   | \$48,000.00  |
| 616.972   | CLASSIFICATION EQUIPMENT WITH SOLAR                    | U    | 1.00       | \$70,000.00  | \$70,000.00  | \$26,500.00   | \$26,500.00  | \$45,000.00   | \$45,000.00  |
| 618.61    | UNIFORMED OFFICERS WITH VEHICLE                        | \$   | 100,000.00 | \$1.00       | \$100,000.00 | \$1.00  | \$100,000.00 | \$1.00  | \$100,000.00 |
| 618.7     | FLAGGERS   | HR   | 2,000.00   | \$35.00      | \$70,000.00  | \$55.00   | \$110,000.00 | \$50.00   | \$100,000.00 |
| 619.1     | MAINTENANCE OF TRAFFIC                                 | U    | 1.00       | \$241,488.00 | \$241,488.00 | \$250,000.00  | \$250,000.00 | \$750,000.00  | \$750,000.00 |
| 619.26    | PORTABLE CHANGEABLE MESSAGE SIGN                       | U    | 4.00       | \$5,500.00   | \$22,000.00  | \$990.00  | \$3,960.00   | \$25,000.00   | \$100,000.00 |
| 621.2     | RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR              | EA   | 10.00      | \$8.00       | \$80.00      | \$330.00  | \$3,300.00   | \$8.00  | \$80.00      |
| 621.31    | SINGLE DELINEATOR WITH POST                            | EA   | 2.00       | \$52.00      | \$104.00     | \$145.00  | \$290.00     | \$55.00   | \$110.00     |
| 621.32    | DOUBLE DELINEATOR WITH POST                            | EA   | 2.00       | \$54.00      | \$108.00     | \$145.00  | \$290.00     | \$60.00   | \$120.00     |
| 622.1     | STEEL WITNESS MARKERS                                  | EA   | 7.00       | \$40.00      | \$280.00     | \$77.00   | \$539.00     | \$50.00   | \$350.00     |
| 628.2     | SAWED BITUMINOUS PAVEMENT                              | LF   | 2,550.00   | \$4.00       | \$10,200.00  | \$3.30  | \$8,415.00   | \$15.00   | \$38,250.00  |
| 632.0104  | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE           | LF   | 44,500.00  | \$0.50       | \$22,250.00  | \$0.40  | \$17,800.00  | \$0.25  | \$11,125.00  |
| 632.0112  | RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE          | LF   | 115.00     | \$1.00       | \$115.00     | \$3.25  | \$373.75     | \$2.00  | \$230.00     |
| 632.02    | RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD | SF   | 604.00     | \$3.00       | \$1,512.00   | \$14.00   | \$7,056.00   | \$4.00  | \$2,016.00   |
| 632.3104  | RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE       | LF   | 65.00      | \$5.00       | \$275.00     | \$5.00  | \$275.00     | \$3.00  | \$165.00     |
| 632.3106  | RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE       | LF   | 270.00     | \$3.00       | \$810.00     | \$5.00  | \$1,350.00   | \$4.00  | \$1,080.00   |

ABC Bid Data

SEABROOK - HAMPTON  
 15904  
 X-A001(026)

| Item No.  | Description  | Unit | Quantity  | PA&E        |              | 894 NEW ENGLAND, INC.<br>10 ELM STREET<br>SALESBURY, MA 01542 |              | REED & REED INC<br>PO BOX 378<br>WOOLWICH, ME 04095 |              |
|-----------|--|------|-----------|-------------|--------------|---|--------------|---|--------------|
|           |  |      |           | Unit Price  | Total        | Unit Price  | Total        | Unit Price  | Total        |
| 632.318   | RETROREFLECT, THERMOPLAS, PAVE. MARKING, 18" LINE          | LF   | 50.00     | \$11.50     | \$575.00     | \$13.25   | \$662.50     | \$6.00  | \$300.00     |
| 632.32    | RETROREFLECT, THERMOPLAS, PAVEMENT MARKING, SYMBOL OR WORD | SF   | 555.00    | \$13.00     | \$7,215.00   | \$17.00   | \$9,435.00   | \$10.00   | \$5,550.00   |
| 632.911   | OBULATE PAVE. MARKING LINE, 12" WIDE & UNDER               | LF   | 25,050.00 | \$1.00      | \$25,050.00  | \$1.00  | \$25,050.00  | \$0.50  | \$12,530.00  |
| 645.119   | MULCH WITH TACKLERS  | A    | 1.00      | \$1,465.00  | \$1,465.00   | \$2,200.00  | \$2,200.00   | \$1,700.00  | \$1,700.00   |
| 645.3     | EROSION STONE  | TON  | 150.00    | \$35.00     | \$5,250.00   | \$65.00   | \$9,750.00   | \$63.00   | \$9,450.00   |
| 645.44    | TEMPORARY SLOPE MATTING TYPE D (W/L DIFE FRIENDLY)         | SY   | 2,000.00  | \$3.00      | \$6,000.00   | \$3.30  | \$6,600.00   | \$6.00  | \$12,000.00  |
| 645.512   | COMPOST SOCK FOR PERIMETER BERM                            | LF   | 3,300.00  | \$6.00      | \$19,800.00  | \$8.00  | \$26,400.00  | \$8.00  | \$26,400.00  |
| 645.52    | RYEGRASS FOR TEMPORARY EROSION CONTROL                     | LB   | 50.00     | \$5.00      | \$250.00     | \$5.00  | \$250.00     | \$16.00   | \$800.00     |
| 645.531   | SILT FENCE   | LF   | 3,300.00  | \$4.00      | \$13,200.00  | \$8.00  | \$26,400.00  | \$7.50  | \$24,750.00  |
| 645.7     | STORM WATER POLLUTION PREVENTION PLAN                      | U    | 1.00      | \$8,000.00  | \$8,000.00   | \$6,000.00  | \$6,000.00   | \$3,600.00  | \$3,600.00   |
| 645.71    | MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS         | HR   | 1,500.00  | \$90.00     | \$135,000.00 | \$150.00  | \$240,000.00 | \$60.00   | \$90,000.00  |
| 645.72    | FINAL WETLAND IMPACT REPORT                                | U    | 1.00      | \$4,500.00  | \$4,500.00   | \$4,000.00  | \$4,000.00   | \$5,000.00  | \$5,000.00   |
| 646.2     | TURE ESTABLISHMENT WITHOUT MULCH                           | A    | 1.00      | \$2,600.00  | \$2,600.00   | \$4,000.00  | \$4,000.00   | \$4,500.00  | \$4,500.00   |
| 647.1     | HUMUS  | CY   | 450.00    | \$20.00     | \$9,000.00   | \$66.00   | \$29,700.00  | \$42.00   | \$18,900.00  |
| 650.99    | BEACH GRASS PLANTINGS                                      | EA   | 44,600.00 | \$2.50      | \$111,500.00 | \$8.00  | \$356,800.00 | \$9.00  | \$401,400.00 |
| 661.001   | INTERPRETIVE SIGN  | EA   | 3.00      | \$6,500.00  | \$19,500.00  | \$8,300.00  | \$24,900.00  | \$25,000.00   | \$75,000.00  |
| 661.012   | MOUNTING OF EXISTING PLAQUE                                | EA   | 1.00      | \$1,600.00  | \$1,600.00   | \$2,000.00  | \$2,000.00   | \$10,000.00   | \$10,000.00  |
| 670.104   | TEMPORARY PORTABLE LIGHTING                                | U    | 4.00      | \$4,500.00  | \$18,000.00  | \$11,000.00   | \$44,000.00  | \$18,000.00   | \$72,000.00  |
| 670.2811  | NAVIGATIONAL CLEARANCE GAUGE                               | U    | 2.00      | \$15,000.00 | \$30,000.00  | \$8,500.00  | \$17,000.00  | \$15,000.00   | \$30,000.00  |
| 670.985   | TEMPORARY SAFETY FENCE                                     | LF   | 150.00    | \$4.00      | \$600.00     | \$50.00   | \$7,500.00   | \$40.00   | \$6,000.00   |
| 677.3101  | WIRELESS COMMUNICATIONS EQUIPMENT                          | U    | 1.00      | \$15,000.00 | \$15,000.00  | \$99,100.00   | \$99,100.00  | \$70,000.00   | \$70,000.00  |
| 677.41001 | CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION         | U    | 1.00      | \$45,000.00 | \$45,000.00  | \$52,000.00   | \$52,000.00  | \$55,000.00   | \$55,000.00  |
| 677.4101  | CCTV SYSTEM  | U    | 1.00      | \$80,000.00 | \$80,000.00  | \$155,000.00  | \$155,000.00 | \$100,000.00  | \$100,000.00 |
| 677.4102  | CCTV SYSTEM  | U    | 1.00      | \$23,575.00 | \$23,575.00  | \$82,000.00   | \$82,000.00  | \$15,000.00   | \$15,000.00  |
| 677.61006 | 6-STRAND SINGLE MODE FIBER OPTIC CABLE                     | LF   | 1,210.00  | \$4.00      | \$4,840.00   | \$24.00   | \$29,040.00  | \$3.00  | \$3,630.00   |
| 677.63    | FIBER OPTIC SPLICE   | EA   | 4.00      | \$110.00    | \$440.00     | \$525.00  | \$2,100.00   | \$1,000.00  | \$4,000.00   |

# ABC Bid Data

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No.  | Description   | Unit | Quantity   | P&E            |                | SPS NEW ENGLAND, INC.<br>14 ELM STREET<br>SALISBURY, MA 01952 |                | REED & REED INC<br>PO BOX 379<br>WOOLWICH, ME 04579 |                 |
|-----------|---|------|------------|----------------|----------------|---|----------------|---|-----------------|
|           |   |      |            | Unit Price     | Total          | Unit Price  | Total          | Unit Price  | Total           |
| 677.54201 | POLE MOUNTED ITS EQUIPMENT CABINET  | U    | 1.00       | \$12,500.00    | \$12,500.00    | \$13,200.00   | \$13,200.00    | \$20,000.00   | \$20,000.00     |
| 677.561   | FIBER OPTIC PATCH PANEL (12-POSITION)                                     | EA   | 1.00       | \$1,500.00     | \$1,500.00     | \$875.00  | \$875.00       | \$900.00  | \$900.00        |
| 677.5822  | 1 GBPS FIBER ETHERNET SWITCH  | EA   | 1.00       | \$4,700.00     | \$4,700.00     | \$14,400.00   | \$14,400.00    | \$12,000.00   | \$12,000.00     |
| 677.6301  | METER AND DISCONNECT PEDESTAL   | U    | 1.00       | \$5,785.00     | \$5,785.00     | \$3,800.00  | \$3,800.00     | \$12,000.00   | \$12,000.00     |
| 677.64    | UNINTERRUPTIBLE POWER SUPPLY (UPS)  | EA   | 1.00       | \$8,700.00     | \$8,700.00     | \$11,400.00   | \$11,400.00    | \$10,000.00   | \$10,000.00     |
| 677.9302  | 3-CONDUCTOR #2 AWG CABLE  | LF   | 915.00     | \$11.00        | \$10,065.00    | \$23.00   | \$21,045.00    | \$12.00   | \$10,980.00     |
| 677.9308  | 3-CONDUCTOR #8 AWG CABLE  | LF   | 1,210.00   | \$7.00         | \$8,470.00     | \$17.00   | \$20,570.00    | \$6.00  | \$7,260.00      |
| 692.      | MOBILIZATION  | U    | 1.00       | \$5,500,000.00 | \$5,500,000.00 | \$9,000,000.00  | \$9,000,000.00 | \$12,000,000.00                                     | \$12,000,000.00 |
| 693.      | ON-THE-JOB TRAINING OF UNSKILLED WORKERS                                  | \$   | 3,000.00   | \$1.00         | \$3,000.00     | \$1.00  | \$3,000.00     | \$1.00  | \$3,000.00      |
| 697.11    | INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN                              | U    | 1.00       | \$1,700.00     | \$1,700.00     | \$2,500.00  | \$2,500.00     | \$6,000.00  | \$6,000.00      |
| 697.31    | PROJECT OPERATIONS PLAN   | U    | 1.00       | \$3,250.00     | \$3,250.00     | \$15,000.00   | \$15,000.00    | \$100,000.00  | \$100,000.00    |
| 697.41    | CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE                            | U    | 1.00       | \$5,590.00     | \$5,590.00     | \$10,000.00   | \$10,000.00    | \$10,000.00   | \$10,000.00     |
| 698.11    | FIELD OFFICE TYPE A   | MON  | 50.00      | \$5,000.00     | \$250,000.00   | \$4,850.00  | \$242,500.00   | \$5,000.00  | \$250,000.00    |
| 699.      | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL                      | \$   | 250,000.00 | \$1.00         | \$250,000.00   | \$1.00  | \$250,000.00   | \$1.00  | \$250,000.00    |
| 1008.251  | ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS | \$   | 5,000.00   | \$1.00         | \$5,000.00     | \$1.00  | \$5,000.00     | \$1.00  | \$5,000.00      |
| 1008.421  | ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY GAS SERVICE               | \$   | 5,000.00   | \$1.00         | \$5,000.00     | \$1.00  | \$5,000.00     | \$1.00  | \$5,000.00      |
| 1010.01   | STEEL COST ADJUSTMENT   | \$   | 800,000.00 | \$1.00         | \$800,000.00   | \$1.00  | \$800,000.00   | \$1.00  | \$800,000.00    |
| 1010.16   | FUEL ADJUSTMENT   | \$   | 250,000.00 | \$1.00         | \$250,000.00   | \$1.00  | \$250,000.00   | \$1.00  | \$250,000.00    |
| 1010.2    | ASPHALT CEMENT ADJUSTMENT   | \$   | 10,000.00  | \$1.00         | \$10,000.00    | \$1.00  | \$10,000.00    | \$1.00  | \$10,000.00     |
| 1010.3    | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT                         | \$   | 10,500.00  | \$1.00         | \$10,500.00    | \$1.00  | \$10,500.00    | \$1.00  | \$10,500.00     |
| 1010.41   | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE                    | \$   | 250,000.00 | \$1.00         | \$250,000.00   | \$1.00  | \$250,000.00   | \$1.00  | \$250,000.00    |

|              |                 |                  |                  |
|--------------|-----------------|------------------|------------------|
| Totals:      | \$76,373,398.70 | \$107,559,567.35 | \$119,679,480.00 |
| Alt. Totals: |                 |                  |                  |
| Totals:      | \$76,373,398.70 | \$107,559,567.35 | \$119,679,480.00 |



# PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No.     | Description  | Unit | Quantity | A-Bidder    |             | PS&E        |             | A-PS&E Difference |
|--------------|--|------|----------|-------------|-------------|-------------|-------------|-------------------|
|              |  |      |          | Unit Price  | Total       | Unit Price  | Total       |                   |
| <b>Items</b> |  |      |          |             |             |             |             |                   |
| 201.21       | REMOVING SMALL TREES                               | EA   | 1.00     | \$6,000.00  | \$6,000.00  | \$220.00    | \$220.00    | \$5,780.00        |
| 201.881      | INVASIVE SPECIES CONTROL TYPE I                    | SY   | 550.00   | \$25.00     | \$13,750.00 | \$2.00      | \$1,100.00  | \$12,650.00       |
| 201.882      | INVASIVE SPECIES CONTROL TYPE II                   | SY   | 1,000.00 | \$25.00     | \$25,000.00 | \$2.00      | \$2,000.00  | \$23,000.00       |
| 202.201      | DEMOLISHING BUILDINGS                              | U    | 1.00     | \$25,000.00 | \$25,000.00 | \$50,000.00 | \$50,000.00 | (\$25,000.00)     |
| 202.301      | BUILDING ASBESTOS ABATEMENT                        | U    | 1.00     | \$50,000.00 | \$50,000.00 | \$20,000.00 | \$20,000.00 | \$30,000.00       |
| 202.302      | BUILDING ASBESTOS ABATEMENT                        | U    | 1.00     | \$25,000.00 | \$25,000.00 | \$40,000.00 | \$40,000.00 | (\$15,000.00)     |
| 202.31       | FILL ABANDONED PIPE                                | CY   | 3.00     | \$2,100.00  | \$6,300.00  | \$475.00    | \$1,425.00  | \$4,875.00        |
| 202.32       | FILL AND ABANDON STRUCTURE                         | CY   | 3.00     | \$1,250.00  | \$3,750.00  | \$300.00    | \$900.00    | \$2,850.00        |
| 202.41       | REMOVAL OF EXISTING PIPE 0-24" DIAMETER            | LF   | 340.00   | \$28.00     | \$9,520.00  | \$26.00     | \$8,840.00  | \$680.00          |
| 202.5        | REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES | EA   | 4.00     | \$2,000.00  | \$8,000.00  | \$925.00    | \$3,700.00  | \$4,300.00        |
| 202.6        | CURB REMOVAL FOR SALVAGE                           | LF   | 2,450.00 | \$4.60      | \$11,270.00 | \$7.00      | \$17,150.00 | (\$5,880.00)      |
| 202.7        | REMOVAL OF GUARDRAIL                               | LF   | 480.00   | \$6.50      | \$3,120.00  | \$5.00      | \$2,400.00  | \$720.00          |
| 202.8428     | REMOVE AND SALVAGE BRIDGE MOUNTED LIGHT POLE       | U    | 8.00     | \$4,000.00  | \$32,000.00 | \$1,000.00  | \$8,000.00  | \$24,000.00       |
| 202.861      | REMOVE UTILITY POLE                                | EA   | 5.00     | \$4,000.00  | \$20,000.00 | \$1,400.00  | \$7,000.00  | \$13,000.00       |

PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No. | Description                                | Unit | Quantity  | A-Bidder    |              | PS&E         |              | A-PS&E Difference |
|----------|--|------|-----------|-------------|--------------|--------------|--------------|-------------------|
|          |  |      |           | Unit Price  | Total        | Unit Price   | Total        |                   |
| 203.1    | COMMON EXCAVATION                          | CY   | 3,850.00  | \$50.00     | \$192,500.00 | \$15.00      | \$57,750.00  | \$134,750.00      |
| 203.11   | COMMON EXCAVATION - LRS                    | CY   | 1,350.00  | \$35.00     | \$47,250.00  | \$17.00      | \$22,950.00  | \$24,300.00       |
| 203.181  | RELOCATION OF SEED BANK AND SAND MATERIALS | CY   | 700.00    | \$125.00    | \$87,500.00  | \$25.00      | \$17,500.00  | \$70,000.00       |
| 203.2    | ROCK EXCAVATION                            | CY   | 193.00    | \$175.00    | \$33,775.00  | \$56.00      | \$10,808.00  | \$22,967.00       |
| 203.5571 | EAGRT PLATFORM PREFERRED, TL 2 - 25'       | U    | 4.00      | \$2,100.00  | \$8,400.00   | \$1,475.00   | \$5,900.00   | \$2,500.00        |
| 203.6    | EMBANKMENT-IN-PLACE (F)                    | CY   | 8,500.00  | \$28.00     | \$238,000.00 | \$12.00      | \$102,000.00 | \$136,000.00      |
| 206.1    | COMMON STRUCTURE EXCAVATION                | CY   | 2,300.00  | \$8.00      | \$18,400.00  | \$13.00      | \$29,900.00  | (\$11,500.00)     |
| 206.19   | COMMON STRUCTURE EXCAVATION EXPLORATORY    | CY   | 40.00     | \$500.00    | \$20,000.00  | \$75.00      | \$3,000.00   | \$17,000.00       |
| 207.2    | ROCK CHANNEL EXCAVATION                    | CY   | 520.00    | \$150.00    | \$78,000.00  | \$115.00     | \$59,800.00  | \$18,200.00       |
| 207.3    | UNCLASSIFIED CHANNEL EXCAVATION            | CY   | 10,400.00 | \$29.00     | \$301,600.00 | \$35.00      | \$364,000.00 | (\$62,400.00)     |
| 209.201  | GRANULAR BACKFILL (BRIDGE) (F)             | CY   | 356.00    | \$70.00     | \$24,920.00  | \$45.00      | \$16,020.00  | \$8,900.00        |
| 209.62   | LIGHTWEIGHT FILL (FGA)                     | CY   | 1,700.00  | \$240.00    | \$408,000.00 | \$150.00     | \$255,000.00 | \$153,000.00      |
| 211.11   | VIBRATION MONITORING SERVICES              | HR   | 600.00    | \$1.00      | \$600.00     | \$125.00     | \$75,000.00  | (\$74,400.00)     |
| 214.     | FINE GRADING                               | U    | 1.00      | \$75,000.00 | \$75,000.00  | \$182,700.00 | \$182,700.00 | (\$107,700.00)    |
| 304.1    | SAND (F)                                   | CY   | 3,200.00  | \$65.00     | \$208,000.00 | \$25.00      | \$80,000.00  | \$128,000.00      |
| 304.4    | CRUSHED STONE (FINE GRADATION) (F)         | CY   | 2,400.00  | \$55.00     | \$132,000.00 | \$32.00      | \$76,800.00  | \$55,200.00       |
| 304.499  | TEMPORARY CRUSHED STONE (FINE GRADATION)   | CY   | 220.00    | \$55.00     | \$12,100.00  | \$34.00      | \$7,480.00   | \$4,620.00        |



## PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No.  | Description   | Unit | Quantity  | A-Bidder        |                 | PS&E           |                | A-PS&E Difference |
|-----------|---|------|-----------|-----------------|-----------------|----------------|----------------|-------------------|
|           |   |      |           | Unit Price      | Total           | Unit Price     | Total          |                   |
| 304.5     | CRUSHED STONE (COARSE GRADATION) (F)                              | CY   | 1,650.00  | \$70.00         | \$115,500.00    | \$28.00        | \$46,200.00    | \$69,300.00       |
| 403.11022 | HBP-3/4" BINDER MIX, MACHINE METHOD, QC/QA TIER 2                 | TON  | 1,120.00  | \$165.00        | \$184,800.00    | \$75.00        | \$84,000.00    | \$100,800.00      |
| 403.11032 | HBP-3/4" WINTER BINDER MIX, MACHINE METHOD, QC/QA TIER 2          | TON  | 1,100.00  | \$165.00        | \$181,500.00    | \$71.00        | \$78,100.00    | \$103,400.00      |
| 403.11942 | HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2 | TON  | 2,200.00  | \$190.00        | \$418,000.00    | \$115.00       | \$253,000.00   | \$165,000.00      |
| 403.12    | HBP-HAND METHOD   | TON  | 25.00     | \$210.00        | \$5,250.00      | \$240.00       | \$6,000.00     | (\$750.00)        |
| 403.16    | PAVEMENT JOINT ADHESIVE   | LF   | 14,400.00 | \$1.00          | \$14,400.00     | \$1.00         | \$14,400.00    | \$0.00            |
| 403.19    | HBP-TEMPORARY   | TON  | 180.00    | \$270.00        | \$48,600.00     | \$200.00       | \$36,000.00    | \$12,600.00       |
| 403.21053 | HBP-3/8" MIX, MACHINE METHOD (BRIDGE BASE)                        | TON  | 313.00    | \$290.00        | \$90,770.00     | \$200.00       | \$62,600.00    | \$28,170.00       |
| 403.26    | PAVEMENT JOINT ADHESIVE (BRIDGE BASE)                             | LF   | 6,570.00  | \$1.00          | \$6,570.00      | \$1.25         | \$8,212.50     | (\$1,642.50)      |
| 410.22    | ASPHALT EMULSION FOR TACK COAT                                    | GAL  | 1,700.00  | \$13.00         | \$22,100.00     | \$9.00         | \$15,300.00    | \$6,800.00        |
| 417.      | COLD PLANING BITUMINOUS SURFACES                                  | SY   | 12,200.00 | \$10.00         | \$122,000.00    | \$5.00         | \$61,000.00    | \$61,000.00       |
| 500.02    | ACCESS FOR BRIDGE CONSTRUCTION                                    | U    | 1.00      | \$12,000,000.00 | \$12,000,000.00 | \$9,584,525.00 | \$9,584,525.00 | \$2,415,475.00    |
| 502.101   | REMOVAL OF EXISTING BRIDGE STRUCTURE                              | U    | 1.00      | \$3,500,000.00  | \$3,500,000.00  | \$1,900,000.00 | \$1,900,000.00 | \$1,600,000.00    |
| 502.102   | REMOVAL OF EXISTING BRIDGE STRUCTURE                              | U    | 1.00      | \$7,000,000.00  | \$7,000,000.00  | \$2,995,000.00 | \$2,995,000.00 | \$4,005,000.00    |
| 503.201   | COFFERDAMS  | U    | 1.00      | \$500,000.00    | \$500,000.00    | \$285,000.00   | \$285,000.00   | \$215,000.00      |
| 503.202   | COFFERDAMS  | U    | 1.00      | \$200,000.00    | \$200,000.00    | \$100,000.00   | \$100,000.00   | \$100,000.00      |

## PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No. | Description   | Unit | Quantity   | A-Bidder     |                | PS&E         |                | A-PS&E Difference |
|----------|---|------|------------|--------------|----------------|--------------|----------------|-------------------|
|          |   |      |            | Unit Price   | Total          | Unit Price   | Total          |                   |
| 503.203  | COFFERDAMS  | U    | 1.00       | \$200,000.00 | \$200,000.00   | \$80,000.00  | \$80,000.00    | \$120,000.00      |
| 503.204  | COFFERDAMS  | U    | 1.00       | \$350,000.00 | \$350,000.00   | \$100,000.00 | \$100,000.00   | \$250,000.00      |
| 503.301  | COFFERDAMS WITH SHEETING LEFT-IN-PLACE                              | U    | 1.00       | \$150,000.00 | \$150,000.00   | \$204,000.00 | \$204,000.00   | (\$54,000.00)     |
| 503.302  | COFFERDAMS WITH SHEETING LEFT-IN-PLACE                              | U    | 1.00       | \$400,000.00 | \$400,000.00   | \$256,000.00 | \$256,000.00   | \$144,000.00      |
| 504.1    | COMMON BRIDGE EXCAVATION (F)  | CY   | 685.00     | \$100.00     | \$68,500.00    | \$45.00      | \$30,825.00    | \$37,675.00       |
| 504.2    | ROCK BRIDGE EXCAVATION  | CY   | 170.00     | \$155.00     | \$26,350.00    | \$100.00     | \$17,000.00    | \$9,350.00        |
| 506.2    | STEEL SHEET PILING  | LB   | 387,100.00 | \$2.50       | \$967,750.00   | \$2.75       | \$1,064,525.00 | (\$96,775.00)     |
| 508.     | STRUCTURAL FILL   | CY   | 375.00     | \$60.00      | \$22,500.00    | \$45.00      | \$16,875.00    | \$5,625.00        |
| 509.1    | MOBILIZATION AND DEMOBILIZATION OF DRILLED SHAFT DRILLING EQUIPMENT | U    | 1.00       | \$750,000.00 | \$750,000.00   | \$300,000.00 | \$300,000.00   | \$450,000.00      |
| 509.2    | DRILLED SHAFTS  | LF   | 2,100.00   | \$4,000.00   | \$8,400,000.00 | \$2,000.00   | \$4,200,000.00 | \$4,200,000.00    |
| 509.3    | OBSTRUCTION REMOVAL   | LF   | 105.00     | \$4,750.00   | \$498,750.00   | \$200.00     | \$21,000.00    | \$477,750.00      |
| 509.4    | ROCK SOCKET EXCAVATION  | LF   | 375.00     | \$4,000.00   | \$1,500,000.00 | \$2,500.00   | \$937,500.00   | \$562,500.00      |
| 509.51   | CROSSHOLE SONIC LOGGING (CSL) TEST                                  | EA   | 36.00      | \$6,750.00   | \$243,000.00   | \$3,500.00   | \$126,000.00   | \$117,000.00      |
| 509.52   | THERMAL IMAGE PROFILING (TIP) TEST                                  | EA   | 6.00       | \$12,800.00  | \$76,800.00    | \$9,000.00   | \$54,000.00    | \$22,800.00       |
| 509.62   | DRILLED SHAFT REINFORCING STEEL                                     | LB   | 425,000.00 | \$3.85       | \$1,636,250.00 | \$2.00       | \$850,000.00   | \$786,250.00      |
| 510.1    | PILE DRIVING EQUIPMENT  | U    | 1.00       | \$75,000.00  | \$75,000.00    | \$100,000.00 | \$100,000.00   | (\$25,000.00)     |
| 510.22   | HIGH-STRAIN DYNAMIC TESTING   | EA   | 4.00       | \$4,250.00   | \$17,000.00    | \$5,000.00   | \$20,000.00    | (\$3,000.00)      |

PS&E Comparison

SEABROOK - HAMPTON  
 15904  
 X-A001(026)

| Item No.  | Description  | Unit | Quantity   | A-Bidder   |                | PS&E       |                | A-PS&E Difference |
|-----------|--|------|------------|------------|----------------|------------|----------------|-------------------|
|           |  |      |            | Unit Price | Total          | Unit Price | Total          |                   |
| 510.61    | FURNISHING & DRIVING STEEL BEARING PILES                 | LB   | 613,300.00 | \$2.00     | \$1,226,600.00 | \$2.50     | \$1,533,250.00 | (\$306,650.00)    |
| 510.65    | DRIVING-POINTS FOR STEEL BEARING PILES                   | EA   | 72.00      | \$200.00   | \$14,400.00    | \$200.00   | \$14,400.00    | \$0.00            |
| 510.9     | PILE SPLICES   | EA   | 72.00      | \$2,750.00 | \$198,000.00   | \$300.00   | \$21,600.00    | \$176,400.00      |
| 520.02    | CONCRETE CLASS AA, ABOVE FOOTINGS (F)                    | CY   | 1,179.00   | \$1,950.00 | \$2,299,050.00 | \$1,200.00 | \$1,414,800.00 | \$884,250.00      |
| 520.02021 | CONCRETE CLASS AA, RAIL SUPPORT SLAB (QC/QA) (F)         | CY   | 330.00     | \$1,200.00 | \$396,000.00   | \$1,200.00 | \$396,000.00   | \$0.00            |
| 520.021   | CONCRETE CLASS AA, FOOTINGS (F)                          | CY   | 3,620.00   | \$750.00   | \$2,715,000.00 | \$800.00   | \$2,896,000.00 | (\$181,000.00)    |
| 520.0302  | CONCRETE CLASS AA APPROACH SLABS (QC/QA) (F)             | CY   | 71.00      | \$500.00   | \$35,500.00    | \$600.00   | \$42,600.00    | (\$7,100.00)      |
| 520.1     | CONCRETE CLASS A   | CY   | 1.00       | \$5,000.00 | \$5,000.00     | \$1,375.00 | \$1,375.00     | \$3,625.00        |
| 520.12    | CONCRETE CLASS A, ABOVE FOOTINGS (F)                     | CY   | 505.00     | \$1,575.00 | \$795,375.00   | \$1,000.00 | \$505,000.00   | \$290,375.00      |
| 520.2     | CONCRETE CLASS B   | CY   | 3.00       | \$1,500.00 | \$4,500.00     | \$685.00   | \$2,055.00     | \$2,445.00        |
| 520.21    | CONCRETE CLASS B, FOOTINGS (F)                           | CY   | 200.00     | \$750.00   | \$150,000.00   | \$500.00   | \$100,000.00   | \$50,000.00       |
| 520.6     | CONCRETE CLASS T, FOUNDATION SEAL                        | CY   | 393.00     | \$300.00   | \$117,900.00   | \$375.00   | \$147,375.00   | (\$29,475.00)     |
| 520.7002  | CONCRETE BRIDGE DECK (QC/QA) (F)                         | CY   | 2,239.00   | \$1,500.00 | \$3,358,500.00 | \$1,300.00 | \$2,910,700.00 | \$447,800.00      |
| 528.51    | PRESTRESSED CONCRETE DECK PANELS (F)                     | SF   | 50,095.00  | \$25.00    | \$1,252,375.00 | \$22.00    | \$1,102,090.00 | \$150,285.00      |
| 529.21    | PRECAST CONCRETE SUBSTRUCTURE, PIER (STAY-IN-PLACE FORM) | CY   | 1,240.00   | \$0.01     | \$12.40        | \$2,000.00 | \$2,480,000.00 | (\$2,479,987.60)  |
| 532.1     | ANTI-GRAFFITI COATING                                    | SF   | 2,090.00   | \$1.10     | \$2,299.00     | \$2.00     | \$4,180.00     | (\$1,881.00)      |
| 534.3     | WATER REPELLENT (SILANE/SILOXANE)                        | GAL  | 447.00     | \$170.00   | \$75,990.00    | \$100.00   | \$44,700.00    | \$31,290.00       |

## PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No. | Description  | Unit | Quantity     | A-Bidder    |                 | PS&E         |                 | A-PS&E Difference |
|----------|--|------|--------------|-------------|-----------------|--------------|-----------------|-------------------|
|          |  |      |              | Unit Price  | Total           | Unit Price   | Total           |                   |
| 538.2    | BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F) | SY   | 50.00        | \$20.00     | \$1,000.00      | \$70.00      | \$3,500.00      | (\$2,500.00)      |
| 538.6    | BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)       | SY   | 5,480.00     | \$31.00     | \$169,880.00    | \$27.00      | \$147,960.00    | \$21,920.00       |
| 540.201  | FENDER SYSTEM  | U    | 4.00         | \$85,000.00 | \$340,000.00    | \$200,000.00 | \$800,000.00    | (\$460,000.00)    |
| 540.202  | FENDER SYSTEM  | U    | 2.00         | \$80,000.00 | \$160,000.00    | \$130,000.00 | \$260,000.00    | (\$100,000.00)    |
| 541.1    | PVC WATERSTOPS, NH TYPE 1 (F)                            | LF   | 140.00       | \$14.00     | \$1,960.00      | \$10.00      | \$1,400.00      | \$560.00          |
| 541.2    | PVC WATERSTOPS, NH TYPE 2 (F)                            | LF   | 148.00       | \$16.00     | \$2,368.00      | \$10.00      | \$1,480.00      | \$888.00          |
| 544.     | REINFORCING STEEL (F)                                    | LB   | 9,050.00     | \$2.00      | \$18,100.00     | \$2.00       | \$18,100.00     | \$0.00            |
| 544.1    | REINFORCING STEEL (ROADWAY)                              | LB   | 11.00        | \$2,200.00  | \$24,200.00     | \$2.00       | \$22.00         | \$24,178.00       |
| 544.2    | REINFORCING STEEL, EPOXY COATED (F)                      | LB   | 1,362,840.00 | \$2.00      | \$2,725,680.00  | \$2.50       | \$3,407,100.00  | (\$681,420.00)    |
| 544.23   | REINFORCING STEEL-EPOXY COATED COUPLER                   | EA   | 216.00       | \$200.00    | \$43,200.00     | \$62.00      | \$13,392.00     | \$29,808.00       |
| 544.7    | SYNTHETIC FIBER REINFORCEMENT (F)                        | LB   | 700.00       | \$23.00     | \$16,100.00     | \$9.00       | \$6,300.00      | \$9,800.00        |
| 547.1    | SHEAR CONNECTORS (F)                                     | EA   | 16,170.00    | \$7.00      | \$113,190.00    | \$10.00      | \$161,700.00    | (\$48,510.00)     |
| 547.2    | SHEAR CONNECTORS (F)                                     | EA   | 905.00       | \$7.00      | \$6,335.00      | \$10.00      | \$9,050.00      | (\$2,715.00)      |
| 548.21   | ELASTOMERIC BEARING ASSEMBLIES (F)                       | EA   | 42.00        | \$16,000.00 | \$672,000.00    | \$7,000.00   | \$294,000.00    | \$378,000.00      |
| 548.22   | ELASTOMERIC BEARING ASSEMBLIES (F)                       | EA   | 6.00         | \$13,000.00 | \$78,000.00     | \$7,000.00   | \$42,000.00     | \$36,000.00       |
| 550.1    | STRUCTURAL STEEL (F)                                     | LB   | 4,030,200.00 | \$7.00      | \$28,211,400.00 | \$4.35       | \$17,531,370.00 | \$10,680,030.00   |

## PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No.  | Description                                   | Unit | Quantity | A-Bidder     |                | PS&E        |                | A-PS&E Difference |
|-----------|---|------|----------|--------------|----------------|-------------|----------------|-------------------|
|           |   |      |          | Unit Price   | Total          | Unit Price  | Total          |                   |
| 561.2001  | PREFABRICATED MODULAR BRIDGE JOINT SYSTEM (F) | LF   | 54.00    | \$7,500.00   | \$405,000.00   | \$5,000.00  | \$270,000.00   | \$135,000.00      |
| 561.2002  | PREFABRICATED MODULAR BRIDGE JOINT SYSTEM (F) | LF   | 54.00    | \$8,750.00   | \$472,500.00   | \$5,000.00  | \$270,000.00   | \$202,500.00      |
| 562.1     | SILICONE JOINT SEALANT (F)                    | LF   | 180.00   | \$35.00      | \$6,300.00     | \$25.00     | \$4,500.00     | \$1,800.00        |
| 563.24    | BRIDGE RAIL T4                                | LF   | 2,989.00 | \$575.00     | \$1,718,675.00 | \$350.00    | \$1,046,150.00 | \$672,525.00      |
| 563.243   | BRIDGE RAIL T4 WITH SNOW SCREENING            | LF   | 221.00   | \$850.00     | \$187,850.00   | \$400.00    | \$88,400.00    | \$99,450.00       |
| 564.1     | BRIDGE LIGHTING SYSTEM                        | U    | 1.00     | \$110,000.00 | \$110,000.00   | \$3,700.00  | \$3,700.00     | \$106,300.00      |
| 564.4     | BRIDGE NAVIGATION LIGHTS                      | U    | 1.00     | \$130,000.00 | \$130,000.00   | \$70,000.00 | \$70,000.00    | \$60,000.00       |
| 565.242   | BRIDGE APPROACH RAIL T4 (STEEL POSTS)         | U    | 4.00     | \$22,000.00  | \$88,000.00    | \$12,500.00 | \$50,000.00    | \$38,000.00       |
| 583.5     | RIPRAP, CLASS V                               | CY   | 2,540.00 | \$170.00     | \$431,800.00   | \$75.00     | \$190,500.00   | \$241,300.00      |
| 583.9     | RIPRAP, CLASS IX                              | CY   | 8,070.00 | \$0.01       | \$80.70        | \$95.00     | \$766,650.00   | (\$766,569.30)    |
| 585.3     | STONE FILL, CLASS C                           | CY   | 8.00     | \$115.00     | \$920.00       | \$75.00     | \$600.00       | \$320.00          |
| 593.211   | GEOTEXTILE; SEPARATION CL.1, NON-WOVEN        | SY   | 1,300.00 | \$3.00       | \$3,900.00     | \$5.00      | \$6,500.00     | (\$2,600.00)      |
| 593.411   | GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN      | SY   | 2,590.00 | \$4.00       | \$10,360.00    | \$5.00      | \$12,950.00    | (\$2,590.00)      |
| 593.421   | GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN      | SY   | 1,100.00 | \$3.50       | \$3,850.00     | \$4.00      | \$4,400.00     | (\$550.00)        |
| 603.0001  | VIDEO INSPECTION                              | LF   | 1,900.00 | \$2.00       | \$3,800.00     | \$4.00      | \$7,600.00     | (\$3,800.00)      |
| 603.00212 | 12" R.C. PIPE, 2000D                          | LF   | 5.00     | \$400.00     | \$2,000.00     | \$67.00     | \$335.00       | \$1,665.00        |
| 603.00215 | 15" R.C. PIPE, 2000D                          | LF   | 260.00   | \$150.00     | \$39,000.00    | \$75.00     | \$19,500.00    | \$19,500.00       |

## PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No.  | Description                                       | Unit | Quantity | A-Bidder     |              | PS&E        |             | A-PS&E Difference |
|-----------|---|------|----------|--------------|--------------|-------------|-------------|-------------------|
|           |   |      |          | Unit Price   | Total        | Unit Price  | Total       |                   |
| 603.25112 | 12" STEEL PIPE SLEEVE (0.250")                    | LF   | 249.00   | \$70.00      | \$17,430.00  | \$100.00    | \$24,900.00 | (\$7,470.00)      |
| 603.25124 | 24" STEEL PIPE SLEEVE (0.250")                    | LF   | 115.00   | \$300.00     | \$34,500.00  | \$150.00    | \$17,250.00 | \$17,250.00       |
| 603.33215 | 15" CORR. POLYETHYLENE END SECTION                | EA   | 1.00     | \$400.00     | \$400.00     | \$327.00    | \$327.00    | \$73.00           |
| 603.33218 | 18" CORR. POLYETHYLENE END SECTION                | EA   | 1.00     | \$475.00     | \$475.00     | \$500.00    | \$500.00    | (\$25.00)         |
| 603.8051  | UNDERGROUND INFILTRATION SYSTEM                   | U    | 1.00     | \$200,000.00 | \$200,000.00 | \$64,000.00 | \$64,000.00 | \$136,000.00      |
| 603.82212 | 12" PE PIPE (TYPE S)                              | LF   | 25.00    | \$70.00      | \$1,750.00   | \$60.00     | \$1,500.00  | \$250.00          |
| 603.82215 | 15" PE PIPE (TYPE S)                              | LF   | 920.00   | \$60.00      | \$55,200.00  | \$65.00     | \$59,800.00 | (\$4,600.00)      |
| 603.82218 | 18" PE PIPE (TYPE S)                              | LF   | 490.00   | \$75.00      | \$36,750.00  | \$80.00     | \$39,200.00 | (\$2,450.00)      |
| 603.82224 | 24" PE PIPE (TYPE S)                              | LF   | 10.00    | \$550.00     | \$5,500.00   | \$156.00    | \$1,560.00  | \$3,940.00        |
| 604.0007  | POLYETHYLENE LINER                                | EA   | 15.00    | \$155.00     | \$2,325.00   | \$220.00    | \$3,300.00  | (\$975.00)        |
| 604.124   | CATCH BASINS TYPE B, 4-FOOT DIAMETER              | U    | 16.00    | \$4,500.00   | \$72,000.00  | \$2,890.00  | \$46,240.00 | \$25,760.00       |
| 604.324   | DRAINAGE MANHOLES, 4-FOOT DIAMETER                | U    | 3.00     | \$4,500.00   | \$13,500.00  | \$3,000.00  | \$9,000.00  | \$4,500.00        |
| 604.4     | RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET | LF   | 2.00     | \$650.00     | \$1,300.00   | \$510.00    | \$1,020.00  | \$280.00          |
| 604.51    | RECONSTRUCTING/ADJUSTING SEWER MANHOLES           | LF   | 9.00     | \$800.00     | \$7,200.00   | \$750.00    | \$6,750.00  | \$450.00          |
| 604.9101  | OUTLET CONTROL STRUCTURE                          | U    | 1.00     | \$10,000.00  | \$10,000.00  | \$8,000.00  | \$8,000.00  | \$2,000.00        |
| 604.9102  | OUTLET CONTROL STRUCTURE                          | U    | 1.00     | \$10,000.00  | \$10,000.00  | \$8,000.00  | \$8,000.00  | \$2,000.00        |
| 604.9103  | OUTLET CONTROL STRUCTURE                          | U    | 1.00     | \$10,000.00  | \$10,000.00  | \$8,000.00  | \$8,000.00  | \$2,000.00        |

PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No.  | Description  | Unit | Quantity | A-Bidder    |              | PS&E       |              | A-PS&E Difference |
|-----------|--|------|----------|-------------|--------------|------------|--------------|-------------------|
|           |  |      |          | Unit Price  | Total        | Unit Price | Total        |                   |
| 604.9104  | OUTLET CONTROL STRUCTURE   | U    | 1.00     | \$10,000.00 | \$10,000.00  | \$8,000.00 | \$8,000.00   | \$2,000.00        |
| 606.12551 | BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST) | U    | 4.00     | \$5,100.00  | \$20,400.00  | \$3,530.00 | \$14,120.00  | \$6,280.00        |
| 606.18001 | 31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)             | LF   | 175.00   | \$48.00     | \$8,400.00   | \$28.00    | \$4,900.00   | \$3,500.00        |
| 606.417   | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL                      | LF   | 3,350.00 | \$94.00     | \$314,900.00 | \$33.00    | \$110,550.00 | \$204,350.00      |
| 606.41741 | PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRIDGE             | LF   | 750.00   | \$115.00    | \$86,250.00  | \$64.00    | \$48,000.00  | \$38,250.00       |
| 606.93    | TEMPORARY BEAM GUARDRAIL   | LF   | 150.00   | \$48.00     | \$7,200.00   | \$32.00    | \$4,800.00   | \$2,400.00        |
| 606.93255 | TEMPORARY BEAM GUARDRAIL (TERMINAL UNIT EAGRT, TL-2) (STEEL POSTS) | U    | 2.00     | \$5,100.00  | \$10,200.00  | \$4,000.00 | \$8,000.00   | \$2,200.00        |
| 606.9512  | TEMP. IMPACT ATTENUATION DEVICE (REDIRECTIVE), TEST LEVEL 2        | U    | 2.00     | \$6,900.00  | \$13,800.00  | \$7,500.00 | \$15,000.00  | (\$1,200.00)      |
| 606.9522  | TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2     | U    | 3.00     | \$4,100.00  | \$12,300.00  | \$3,500.00 | \$10,500.00  | \$1,800.00        |
| 607.9840  | RESETTING MISCELLANEOUS FENCE TYPES, 4' HIGH                       | LF   | 330.00   | \$45.00     | \$14,850.00  | \$70.00    | \$23,100.00  | (\$8,250.00)      |
| 608.24    | 4" CONCRETE SIDEWALK (F)   | SY   | 1,400.00 | \$68.00     | \$95,200.00  | \$67.00    | \$93,800.00  | \$1,400.00        |
| 608.36    | 6" REINFORCED CONCRETE SIDEWALK (F)                                | SY   | 320.00   | \$85.00     | \$27,200.00  | \$96.00    | \$30,720.00  | (\$3,520.00)      |
| 608.54    | DETECTABLE WARNING DEVICES, CAST IRON                              | SY   | 20.00    | \$110.00    | \$2,200.00   | \$450.00   | \$9,000.00   | (\$6,800.00)      |
| 609.01    | STRAIGHT GRANITE CURB  | LF   | 2,250.00 | \$50.00     | \$112,500.00 | \$49.00    | \$110,250.00 | \$2,250.00        |
| 609.216   | STRAIGHT GRANITE SLOPE CURB 6" HIGH                                | LF   | 175.00   | \$50.00     | \$8,750.00   | \$27.00    | \$4,725.00   | \$4,025.00        |
| 609.5     | RESET GRANITE CURB   | LF   | 920.00   | \$25.00     | \$23,000.00  | \$19.00    | \$17,480.00  | \$5,520.00        |

## PS&E Comparison

SEABROOK - HAMPTON

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X-A001(026)

| Item No.  | Description   | Unit | Quantity | A-Bidder    |              | PS&E        |              | A-PS&E Difference |
|-----------|---|------|----------|-------------|--------------|-------------|--------------|-------------------|
|           |   |      |          | Unit Price  | Total        | Unit Price  | Total        |                   |
| 611.05208 | 8" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52              | LF   | 115.00   | \$200.00    | \$23,000.00  | \$140.00    | \$16,100.00  | \$6,900.00        |
| 611.05212 | 12" CEMENT LINED DUCTILE IRON WATER PIPE, CL 52             | LF   | 630.00   | \$230.00    | \$144,900.00 | \$180.00    | \$113,400.00 | \$31,500.00       |
| 611.41502 | STEEL CASING PIPE WITH 8" DI CARRIER PIPE                   | LF   | 55.00    | \$200.00    | \$11,000.00  | \$165.00    | \$9,075.00   | \$1,925.00        |
| 611.43914 | 12" SUPPORTED CEMENT LINED DI WATER PIPE (DI-MJ), INSULATED | LF   | 1,430.00 | \$410.00    | \$586,300.00 | \$590.00    | \$843,700.00 | (\$257,400.00)    |
| 611.51020 | 2" CORPORATION STOP   | EA   | 2.00     | \$1,245.00  | \$2,490.00   | \$350.00    | \$700.00     | \$1,790.00        |
| 611.52010 | 1" CURB STOP WITH BOX                                       | EA   | 1.00     | \$1,070.00  | \$1,070.00   | \$450.00    | \$450.00     | \$620.00          |
| 611.52020 | 2" CURB STOP WITH BOX                                       | EA   | 1.00     | \$1,615.00  | \$1,615.00   | \$500.00    | \$500.00     | \$1,115.00        |
| 611.55010 | 1" PE SERVICE PIPE  | LF   | 6.00     | \$350.00    | \$2,100.00   | \$50.00     | \$300.00     | \$1,800.00        |
| 611.55020 | 2" PE SERVICE PIPE  | LF   | 460.00   | \$48.00     | \$22,080.00  | \$20.00     | \$9,200.00   | \$12,880.00       |
| 611.70008 | 8" FITTING  | EA   | 7.00     | \$1,190.00  | \$8,330.00   | \$760.00    | \$5,320.00   | \$3,010.00        |
| 611.70012 | 12" FITTING   | EA   | 10.00    | \$1,250.00  | \$12,500.00  | \$1,400.00  | \$14,000.00  | (\$1,500.00)      |
| 611.70404 | 4" LINESSTOP  | EA   | 1.00     | \$9,220.00  | \$9,220.00   | \$5,000.00  | \$5,000.00   | \$4,220.00        |
| 611.70408 | 8" LINESSTOP  | EA   | 3.00     | \$11,500.00 | \$34,500.00  | \$5,000.00  | \$15,000.00  | \$19,500.00       |
| 611.70412 | 12" LINESSTOP   | EA   | 1.00     | \$27,500.00 | \$27,500.00  | \$14,000.00 | \$14,000.00  | \$13,500.00       |
| 611.71006 | 6" GATE VALVE WITH BOX                                      | EA   | 2.00     | \$2,200.00  | \$4,400.00   | \$1,400.00  | \$2,800.00   | \$1,600.00        |
| 611.71008 | 8" GATE VALVE WITH BOX                                      | EA   | 5.00     | \$2,400.00  | \$12,000.00  | \$2,400.00  | \$12,000.00  | \$0.00            |
| 611.71012 | 12" GATE VALVE WITH BOX                                     | EA   | 1.00     | \$5,030.00  | \$5,030.00   | \$3,600.00  | \$3,600.00   | \$1,430.00        |



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| Item No.  | Description  | Unit | Quantity | A-Bidder    |                | PS&E        |              | A-PS&E Difference |
|-----------|--|------|----------|-------------|----------------|-------------|--------------|-------------------|
|           |  |      |          | Unit Price  | Total          | Unit Price  | Total        |                   |
| 611.71112 | 12" TAPPING SLEEVE & VALVE WITH BOX                  | EA   | 1.00     | \$11,900.00 | \$11,900.00    | \$8,050.00  | \$8,050.00   | \$3,850.00        |
| 611.73008 | 8" COUPLING  | EA   | 1.00     | \$1,700.00  | \$1,700.00     | \$530.00    | \$530.00     | \$1,170.00        |
| 611.73312 | 12" EXPANSION JOINT                                  | EA   | 2.00     | \$20,500.00 | \$41,000.00    | \$1,300.00  | \$2,600.00   | \$38,400.00       |
| 611.74206 | 8" X 6" REDUCER                                      | EA   | 1.00     | \$1,040.00  | \$1,040.00     | \$750.00    | \$750.00     | \$290.00          |
| 611.74408 | 12" X 8" REDUCER                                     | EA   | 2.00     | \$1,350.00  | \$2,700.00     | \$1,000.00  | \$2,000.00   | \$700.00          |
| 611.75    | AIR RELEASE VALVE WITH VAULT                         | EA   | 1.00     | \$3,250.00  | \$3,250.00     | \$2,100.00  | \$2,100.00   | \$1,150.00        |
| 611.78108 | 8" FLOW METER WITH VAULT                             | U    | 1.00     | \$26,300.00 | \$26,300.00    | \$28,000.00 | \$28,000.00  | (\$1,700.00)      |
| 611.78302 | 2" METER PIT   | U    | 1.00     | \$4,700.00  | \$4,700.00     | \$9,340.00  | \$9,340.00   | (\$4,640.00)      |
| 611.81    | HYDRANT  | EA   | 2.00     | \$8,400.00  | \$16,800.00    | \$4,580.00  | \$9,160.00   | \$7,640.00        |
| 611.814   | REMOVE HYDRANT                                       | EA   | 1.00     | \$4,030.00  | \$4,030.00     | \$1,250.00  | \$1,250.00   | \$2,780.00        |
| 614.16218 | 6" 2-DUCT PVC CONDUIT, SCHEDULE 80, CONCRETE ENCASED | LF   | 270.00   | \$220.00    | \$59,400.00    | \$438.30    | \$118,341.00 | (\$58,941.00)     |
| 614.16918 | 6" 9-DUCT PVC CONDUIT, SCHEDULE 80, CONCRETE ENCASED | LF   | 732.00   | \$440.00    | \$322,080.00   | \$624.70    | \$457,280.40 | (\$135,200.40)    |
| 614.2229  | 2" 2-DUCT FIBERGLASS CONDUIT (BRIDGE)                | LF   | 635.00   | \$130.00    | \$82,550.00    | \$45.00     | \$28,575.00  | \$53,975.00       |
| 614.2419  | 4" FIBERGLASS CONDUIT (BRIDGE)                       | LF   | 1,304.00 | \$88.00     | \$114,752.00   | \$60.00     | \$78,240.00  | \$36,512.00       |
| 614.2699  | 6" 9-DUCT FIBERGLASS CONDUIT (BRIDGE)                | LF   | 1,310.00 | \$800.00    | \$1,048,000.00 | \$395.48    | \$518,078.80 | \$529,921.20      |
| 614.522   | MOLDED PULL BOX 13"X24"                              | EA   | 2.00     | \$1,140.00  | \$2,280.00     | \$750.00    | \$1,500.00   | \$780.00          |



# PS&E Comparison

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| Item No.  | Description                                      | Unit | Quantity   | A-Bidder     |              | PS&E         |              | A-PS&E Difference |
|-----------|--|------|------------|--------------|--------------|--------------|--------------|-------------------|
|           |  |      |            | Unit Price   | Total        | Unit Price   | Total        |                   |
| 614.523   | MOLDED PULL BOX 17"X30"                          | EA   | 5.00       | \$1,200.00   | \$6,000.00   | \$860.00     | \$4,300.00   | \$1,700.00        |
| 614.59    | ELECTRIC VAULT                                   | U    | 2.00       | \$18,000.00  | \$36,000.00  | \$25,663.50  | \$51,327.00  | (\$15,327.00)     |
| 614.72114 | 2" PVC CONDUIT, SCHEDULE 40                      | LF   | 1,170.00   | \$53.00      | \$62,010.00  | \$20.00      | \$23,400.00  | \$38,610.00       |
| 614.73114 | 3" PVC CONDUIT, SCHEDULE 40                      | LF   | 730.00     | \$63.00      | \$45,990.00  | \$30.00      | \$21,900.00  | \$24,090.00       |
| 614.74118 | 4" PVC CONDUIT, SCHEDULE 80                      | LF   | 263.00     | \$70.00      | \$18,410.00  | \$30.00      | \$7,890.00   | \$10,520.00       |
| 614.76114 | 6" PVC CONDUIT, SCHEDULE 40                      | LF   | 60.00      | \$92.00      | \$5,520.00   | \$40.00      | \$2,400.00   | \$3,120.00        |
| 615.0301  | TRAFFIC SIGN TYPE C                              | SF   | 122.00     | \$122.00     | \$14,884.00  | \$62.00      | \$7,564.00   | \$7,320.00        |
| 615.033   | REMOVING TRAFFIC SIGN, TYPE C                    | U    | 61.00      | \$53.00      | \$3,233.00   | \$64.00      | \$3,904.00   | (\$671.00)        |
| 615.034   | RELOCATING TRAFFIC SIGN, TYPE C                  | U    | 12.00      | \$364.00     | \$4,368.00   | \$200.00     | \$2,400.00   | \$1,968.00        |
| 615.0601  | TRAFFIC SIGN TYPE CC                             | SF   | 42.00      | \$22.00      | \$924.00     | \$30.00      | \$1,260.00   | (\$336.00)        |
| 615.30691 | BRIDGE MOUNTED TRAFFIC SIGN STRUCTURE (MODIFIED) | U    | 4.00       | \$1,325.00   | \$5,300.00   | \$4,800.00   | \$19,200.00  | (\$13,900.00)     |
| 616.972   | CLASSIFICATION EQUIPMENT WITH SOLAR              | U    | 1.00       | \$26,500.00  | \$26,500.00  | \$70,000.00  | \$70,000.00  | (\$43,500.00)     |
| 618.61    | UNIFORMED OFFICERS WITH VEHICLE                  | \$   | 100,000.00 | \$1.00       | \$100,000.00 | \$1.00       | \$100,000.00 | \$0.00            |
| 618.7     | FLAGGERS   | HR   | 2,000.00   | \$55.00      | \$110,000.00 | \$35.00      | \$70,000.00  | \$40,000.00       |
| 619.1     | MAINTENANCE OF TRAFFIC                           | U    | 1.00       | \$250,000.00 | \$250,000.00 | \$241,488.00 | \$241,488.00 | \$8,512.00        |
| 619.25    | PORTABLE CHANGEABLE MESSAGE SIGN                 | U    | 4.00       | \$990.00     | \$3,960.00   | \$5,500.00   | \$22,000.00  | (\$18,040.00)     |
| 621.2     | RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR        | EA   | 10.00      | \$330.00     | \$3,300.00   | \$6.00       | \$60.00      | \$3,240.00        |

PS&E Comparison

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 X-A001(026)

| Item No. | Description  | Unit | Quantity  | A-Bidder   |             | PS&E       |             | A-PS&E Difference |
|----------|--|------|-----------|------------|-------------|------------|-------------|-------------------|
|          |  |      |           | Unit Price | Total       | Unit Price | Total       |                   |
| 621.31   | SINGLE DELINEATOR WITH POST                                | EA   | 2.00      | \$145.00   | \$290.00    | \$52.00    | \$104.00    | \$186.00          |
| 621.32   | DOUBLE DELINEATOR WITH POST                                | EA   | 2.00      | \$145.00   | \$290.00    | \$54.00    | \$108.00    | \$182.00          |
| 622.1    | STEEL WITNESS MARKERS                                      | EA   | 7.00      | \$77.00    | \$539.00    | \$40.00    | \$280.00    | \$259.00          |
| 628.2    | SAWED BITUMINOUS PAVEMENT                                  | LF   | 2,550.00  | \$3.30     | \$8,415.00  | \$4.00     | \$10,200.00 | (\$1,785.00)      |
| 632.0104 | RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE               | LF   | 44,500.00 | \$0.40     | \$17,800.00 | \$0.50     | \$22,250.00 | (\$4,450.00)      |
| 632.0112 | RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE              | LF   | 115.00    | \$3.25     | \$373.75    | \$1.00     | \$115.00    | \$258.75          |
| 632.02   | RETROREFLECTIVE PAINT PAVEMENT MARKING, SYMBOL OR WORD     | SF   | 504.00    | \$14.00    | \$7,056.00  | \$3.00     | \$1,512.00  | \$5,544.00        |
| 632.3104 | RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE           | LF   | 55.00     | \$5.00     | \$275.00    | \$5.00     | \$275.00    | \$0.00            |
| 632.3106 | RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE           | LF   | 270.00    | \$5.00     | \$1,350.00  | \$3.00     | \$810.00    | \$540.00          |
| 632.3118 | RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE          | LF   | 50.00     | \$13.25    | \$662.50    | \$11.50    | \$575.00    | \$87.50           |
| 632.32   | RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD | SF   | 555.00    | \$17.00    | \$9,435.00  | \$13.00    | \$7,215.00  | \$2,220.00        |
| 632.911  | OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER            | LF   | 25,060.00 | \$1.00     | \$25,060.00 | \$1.00     | \$25,060.00 | \$0.00            |
| 645.119  | MULCH WITH TACKIFIERS                                      | A    | 1.00      | \$2,200.00 | \$2,200.00  | \$1,465.00 | \$1,465.00  | \$735.00          |
| 645.3    | EROSION STONE  | TON  | 150.00    | \$65.00    | \$9,750.00  | \$35.00    | \$5,250.00  | \$4,500.00        |
| 645.44   | TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)         | SY   | 2,000.00  | \$3.30     | \$6,600.00  | \$3.00     | \$6,000.00  | \$600.00          |

## PS&E Comparison

SEABROOK - HAMPTON

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X-A001(026)

| Item No.  | Description  | Unit | Quantity  | A-Bidder    |              | PS&E        |              | A-PS&E Difference |
|-----------|--|------|-----------|-------------|--------------|-------------|--------------|-------------------|
|           |  |      |           | Unit Price  | Total        | Unit Price  | Total        |                   |
| 645.512   | COMPOST SOCK FOR PERIMETER BERM                    | LF   | 3,300.00  | \$8.00      | \$26,400.00  | \$6.00      | \$19,800.00  | \$6,600.00        |
| 645.52    | RYEGRASS FOR TEMPORARY EROSION CONTROL             | LB   | 50.00     | \$5.00      | \$250.00     | \$5.00      | \$250.00     | \$0.00            |
| 645.531   | SILT FENCE   | LF   | 3,300.00  | \$8.00      | \$26,400.00  | \$4.00      | \$13,200.00  | \$13,200.00       |
| 645.7     | STORM WATER POLLUTION PREVENTION PLAN              | U    | 1.00      | \$6,000.00  | \$6,000.00   | \$8,000.00  | \$8,000.00   | (\$2,000.00)      |
| 645.71    | MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS | HR   | 1,500.00  | \$160.00    | \$240,000.00 | \$90.00     | \$135,000.00 | \$105,000.00      |
| 645.72    | FINAL WETLAND IMPACT REPORT                        | U    | 1.00      | \$4,000.00  | \$4,000.00   | \$4,500.00  | \$4,500.00   | (\$500.00)        |
| 646.2     | TURF ESTABLISHMENT WITHOUT MULCH                   | A    | 1.00      | \$4,000.00  | \$4,000.00   | \$2,600.00  | \$2,600.00   | \$1,400.00        |
| 647.1     | HUMUS  | CY   | 450.00    | \$66.00     | \$29,700.00  | \$20.00     | \$9,000.00   | \$20,700.00       |
| 650.99    | BEACH GRASS PLANTINGS                              | EA   | 44,600.00 | \$8.00      | \$356,800.00 | \$2.50      | \$111,500.00 | \$245,300.00      |
| 661.001   | INTERPRETIVE SIGN                                  | EA   | 3.00      | \$8,300.00  | \$24,900.00  | \$6,500.00  | \$19,500.00  | \$5,400.00        |
| 661.012   | MOUNTING OF EXISTING PLAQUE                        | EA   | 1.00      | \$2,000.00  | \$2,000.00   | \$1,600.00  | \$1,600.00   | \$400.00          |
| 670.104   | TEMPORARY PORTABLE LIGHTING                        | U    | 4.00      | \$11,000.00 | \$44,000.00  | \$4,500.00  | \$18,000.00  | \$26,000.00       |
| 670.2811  | NAVIGATIONAL CLEARANCE GAUGE                       | U    | 2.00      | \$8,500.00  | \$17,000.00  | \$15,000.00 | \$30,000.00  | (\$13,000.00)     |
| 670.95    | TEMPORARY SAFETY FENCE                             | LF   | 150.00    | \$50.00     | \$7,500.00   | \$4.00      | \$600.00     | \$6,900.00        |
| 677.3101  | WIRELESS COMMUNICATIONS EQUIPMENT                  | U    | 1.00      | \$99,100.00 | \$99,100.00  | \$15,000.00 | \$15,000.00  | \$84,100.00       |
| 677.41001 | CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION | U    | 1.00      | \$52,000.00 | \$52,000.00  | \$45,000.00 | \$45,000.00  | \$7,000.00        |

## PS&E Comparison

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| Item No.  | Description                                    | Unit | Quantity | A-Bidder       |                | PS&E           |                | A-PS&E Difference |
|-----------|--|------|----------|----------------|----------------|----------------|----------------|-------------------|
|           |  |      |          | Unit Price     | Total          | Unit Price     | Total          |                   |
| 677.4101  | CCTV SYSTEM                                    | U    | 1.00     | \$155,000.00   | \$155,000.00   | \$80,000.00    | \$80,000.00    | \$75,000.00       |
| 677.4102  | CCTV SYSTEM                                    | U    | 1.00     | \$52,000.00    | \$52,000.00    | \$23,575.00    | \$23,575.00    | \$28,425.00       |
| 677.51006 | 6-STRAND SINGLE MODE FIBER OPTIC CABLE         | LF   | 1,210.00 | \$24.00        | \$29,040.00    | \$4.00         | \$4,840.00     | \$24,200.00       |
| 677.53    | FIBER OPTIC SPLICE                             | EA   | 4.00     | \$525.00       | \$2,100.00     | \$110.00       | \$440.00       | \$1,660.00        |
| 677.54201 | POLE MOUNTED ITS EQUIPMENT CABINET             | U    | 1.00     | \$13,200.00    | \$13,200.00    | \$12,500.00    | \$12,500.00    | \$700.00          |
| 677.561   | FIBER OPTIC PATCH PANEL (12-POSITION)          | EA   | 1.00     | \$875.00       | \$875.00       | \$1,500.00     | \$1,500.00     | (\$625.00)        |
| 677.5822  | 1 GBPS FIBER ETHERNET SWITCH                   | EA   | 1.00     | \$14,400.00    | \$14,400.00    | \$4,700.00     | \$4,700.00     | \$9,700.00        |
| 677.6301  | METER AND DISCONNECT PEDESTAL                  | U    | 1.00     | \$3,800.00     | \$3,800.00     | \$5,785.00     | \$5,785.00     | (\$1,985.00)      |
| 677.64    | UNINTERRUPTIBLE POWER SUPPLY (UPS)             | EA   | 1.00     | \$11,400.00    | \$11,400.00    | \$8,700.00     | \$8,700.00     | \$2,700.00        |
| 677.9302  | 3-CONDUCTOR #2 AWG CABLE                       | LF   | 915.00   | \$23.00        | \$21,045.00    | \$11.00        | \$10,065.00    | \$10,980.00       |
| 677.9308  | 3-CONDUCTOR #8 AWG CABLE                       | LF   | 1,210.00 | \$17.00        | \$20,570.00    | \$7.00         | \$8,470.00     | \$12,100.00       |
| 692.      | MOBILIZATION                                   | U    | 1.00     | \$9,000,000.00 | \$9,000,000.00 | \$5,500,000.00 | \$5,500,000.00 | \$3,500,000.00    |
| 693.      | ON-THE-JOB TRAINING OF UNSKILLED WORKERS       | \$   | 3,000.00 | \$1.00         | \$3,000.00     | \$1.00         | \$3,000.00     | \$0.00            |
| 697.11    | INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN   | U    | 1.00     | \$2,500.00     | \$2,500.00     | \$1,700.00     | \$1,700.00     | \$800.00          |
| 697.31    | PROJECT OPERATIONS PLAN                        | U    | 1.00     | \$15,000.00    | \$15,000.00    | \$3,250.00     | \$3,250.00     | \$11,750.00       |
| 697.41    | CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE | U    | 1.00     | \$10,000.00    | \$10,000.00    | \$5,590.00     | \$5,590.00     | \$4,410.00        |
| 698.11    | FIELD OFFICE TYPE A                            | MON  | 50.00    | \$4,850.00     | \$242,500.00   | \$5,000.00     | \$250,000.00   | (\$7,500.00)      |



# PS&E Comparison

SEABROOK - HAMPTON

15904

X-A001(026)

| Item No.      | Description   | Unit | Quantity   | A-Bidder   |                  | PS&E       |                 | A-PS&E Difference |
|---------------|---|------|------------|------------|------------------|------------|-----------------|-------------------|
|               |   |      |            | Unit Price | Total            | Unit Price | Total           |                   |
| 699.          | MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL                      | \$   | 250,000.00 | \$1.00     | \$250,000.00     | \$1.00     | \$250,000.00    | \$0.00            |
| 1008.251      | ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS | \$   | 5,000.00   | \$1.00     | \$5,000.00       | \$1.00     | \$5,000.00      | \$0.00            |
| 1008.421      | ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY GAS SERVICE               | \$   | 5,000.00   | \$1.00     | \$5,000.00       | \$1.00     | \$5,000.00      | \$0.00            |
| 1010.01       | STEEL COST ADJUSTMENT   | \$   | 800,000.00 | \$1.00     | \$800,000.00     | \$1.00     | \$800,000.00    | \$0.00            |
| 1010.15       | FUEL ADJUSTMENT   | \$   | 250,000.00 | \$1.00     | \$250,000.00     | \$1.00     | \$250,000.00    | \$0.00            |
| 1010.2        | ASPHALT CEMENT ADJUSTMENT   | \$   | 10,000.00  | \$1.00     | \$10,000.00      | \$1.00     | \$10,000.00     | \$0.00            |
| 1010.3        | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT                         | \$   | 10,500.00  | \$1.00     | \$10,500.00      | \$1.00     | \$10,500.00     | \$0.00            |
| 1010.41       | QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE                    | \$   | 250,000.00 | \$1.00     | \$250,000.00     | \$1.00     | \$250,000.00    | \$0.00            |
| <b>Total:</b> |   |      |            |            | \$107,559,567.35 |            | \$76,373,398.70 | \$31,186,168.65   |

August 4, 2023

**SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:** This project will replace the State Red List bridge (Neil R. Underwood Bridge, Br. No. 235/025) that carries NH 1A (Ocean Boulevard) over Hampton River at the inlet to Hampton Harbor in the Town of Hampton. The project limits begin on NH 1A in the Town of Seabrook approximately 1,500 feet south of the proposed bridge and continue northerly on NH 1A 3,900 feet across the bridge to a point approximately 100 feet south of the intersection with Ashworth Avenue in the Town of Hampton.

**FEDERAL FUNDING:** 80% (High Investment Bridge Rehabilitation & Reconstruction (Bridg-HIB-Rehab-Rcn)) with 20% Turnpike Toll Credit (TTC) Program

**CONTINGENCY:** The contingency amount is proposed to be 5% of the construction total. The following factors involve higher risks that can potentially increase costs: difficult site/river access and limitation of operations when working near or above the federal navigational channel.

**PROJECT INITIATED:** State's 10-Year Transportation Improvement Plan

**PROJECT EXPLANATION:** The existing bridge, constructed in 1949, is 1,193 feet between abutments and consists of 13-spans with a movable single-leaf bascule span in the center at the navigational channel. The bridge width is 26 feet between curbs. There is a single 4-foot-7-inch sidewalk along the east side. The 150-foot-wide federal navigational channel is reduced to 40 feet as it passes beneath the movable bridge span. The bridge has been on the State Red List of deficient bridges since 1999 due to poor condition of the superstructure.

This project involves bridge replacement with a fixed high-level steel girder structure on a new horizontally curved alignment west of the existing. The proposed bridge will consist of seven spans and have a length of 1,300 feet between abutments. The bridge width will be 38 feet between curbs (two 11-foot travel lanes and 8-foot shoulders) and include two 6-foot sidewalks with overlooks at Piers 2 and 5. The roadway shoulders will improve access for bicyclists and provide the ability for emergency vehicles to pass through traffic queues. The bridge will accommodate the full 150-foot-wide federal navigational channel with a vertical under clearance of 48 feet measured from low steel to mean high water. The improvements to the navigational channel will provide clearance for all regular waterway users, including US Army Corps of Engineers dredging equipment, which is currently too large to transit the existing bridge for harbor channel dredging to the west. Four feet of potential sea level rise has been accounted for in the design. The existing bridge will be demolished upon completion of the proposed bridge replacement work.

Approach roadway improvements consist of full box reconstruction of NH 1A. A pedestrian walkway will be constructed in front of the abutment beneath the north span of the bridge which will connect Hampton Beach State Park to the Hampton State Pier property.

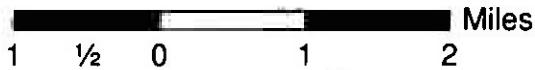
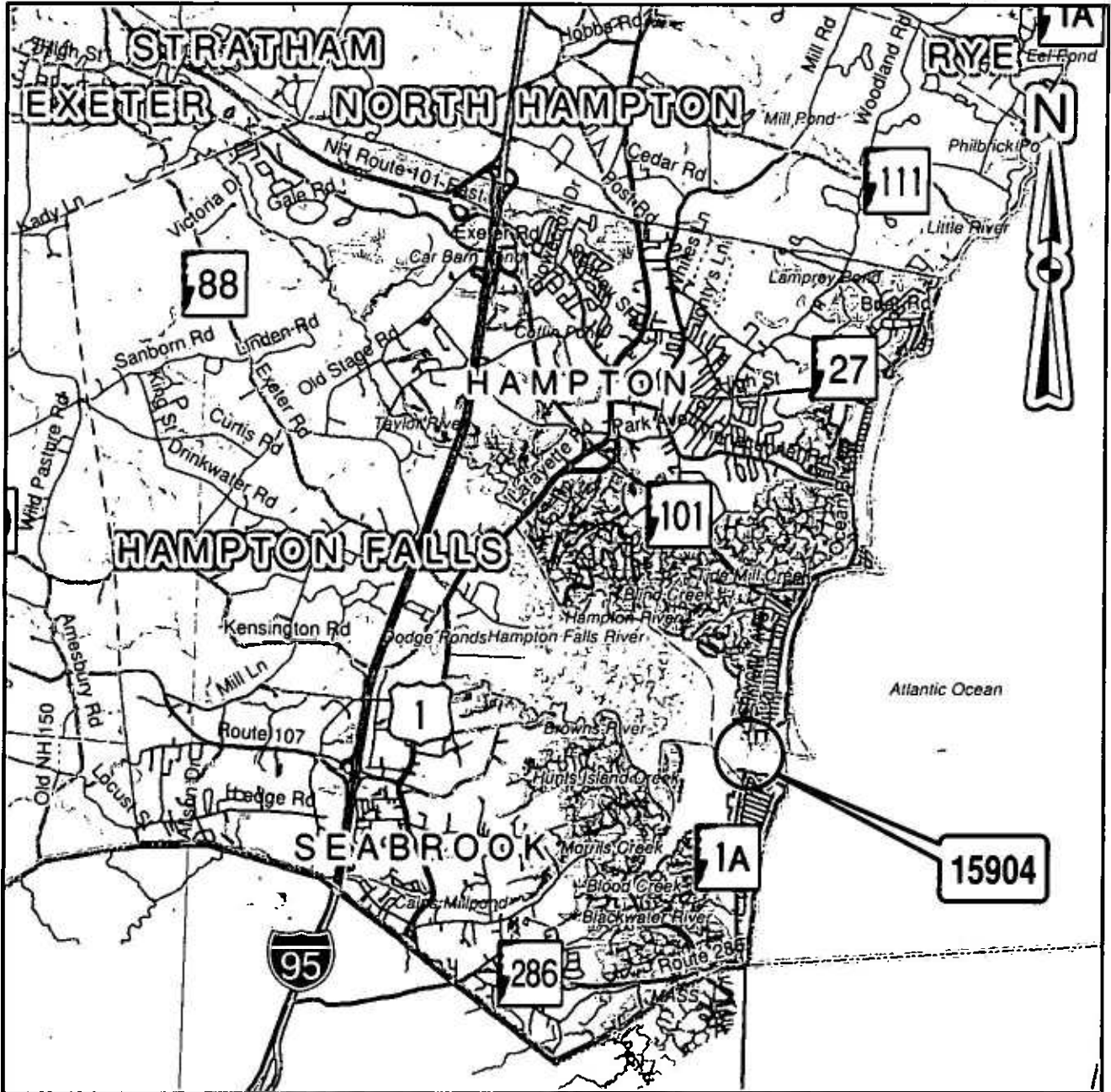
**TRAFFIC IMPLICATION:** Two lanes of vehicular traffic will be maintained on NH 1A during construction. The proposed bridge will be constructed off-line on an alignment to the west of the existing and approach roadway transitions will be constructed in phases. Traffic will be shifted to the proposed bridge as the work proceeds, first southbound traffic, then northbound traffic. Temporary lane closures will not be allowed during peak hours. Traffic will be returned to normal operation during non-work hours. Flaggers or uniformed officers will be used as needed at the intersection with the Hampton Beach State Park entrance drive.

Pedestrian access will be maintained on existing and proposed facilities within the project limits.

Waterway traffic will be maintained within the existing channel limits. Temporary waterway restrictions or closures of the navigational channel will be necessary and require approval from the US Coast Guard. The bridge movable span will operate in accordance with the normal operating schedule throughout construction until all vehicular and pedestrian traffic is shifted to the proposed bridge.

**COMPLETION DATE:** Friday, June 23, 2028

**SEABROOK - HAMPTON NH 1A**

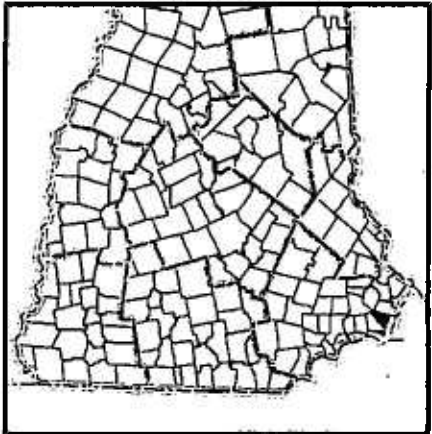


**LEGEND**

- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary

*New Hampshire*  
**DOT**  
 Department of Transportation

State #: 15904  
 Federal #: X-A001 (026)  
**LOCATION MAP**





# State of New Hampshire

## Department of State

### CERTIFICATE

I, David M. Scanlan, Secretary of State of the State of New Hampshire, do hereby certify that SPS NEW ENGLAND, INC. is a Massachusetts Profit Corporation registered to transact business in New Hampshire on June 16, 1986. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 94801

Certificate Number: 0006545802



IN TESTIMONY WHEREOF,  
I hereto set my hand and cause to be affixed  
the Seal of the State of New Hampshire,  
this 18th day of January A.D. 2024.

A handwritten signature in black ink, appearing to read "David M. Scanlan".

David M. Scanlan  
Secretary of State

**Corporate Resolution**

I, Karen J. Douglas, hereby certify that I am duly elected Clerk/Secretary/Officer  
(Name)  
of SPS New England, Inc.. I hereby certify the following is a true copy of a vote taken at  
(Name of Corporation)

a meeting of the Board of Directors/shareholders, duly called and held on February 1, 2024,  
at which a quorum of the Directors/shareholders were present and voting.

**VOTED:** That Wayne P. Capolupo, CEO (may list more than one person) is  
(Name and Title)

duly authorized to enter into contracts or agreements on behalf of


SPS New England, Inc. with the State of New Hampshire and any of  
(Name of Corporation)

its agencies or departments and further is authorized to execute any documents  
which may in his/her judgment be desirable or necessary to effect the purpose of  
this vote.

**I hereby certify** that said vote has not been amended or repealed and remains in full  
force and effect as of the date of the contract to which this certificate is attached. This authority  
**remains valid for thirty (30) days** from the date of this Corporate Resolution. I further certify  
that it is understood that the State of New Hampshire will rely on this certificate as evidence that  
the person(s) listed above currently occupy the position(s) indicated and that they have full  
authority to bind the corporation. To the extent that there are any limits on the authority of any  
listed individual to bind the corporation in contracts with the State of New Hampshire, all such  
limitations are expressly stated herein.

DATED: 2.2.2024

ATTEST:

  
\_\_\_\_\_  
Karen J. Douglas, Secretary/Treasurer





**ADDITIONAL REMARKS SCHEDULE**

|   |           |   |  |
|---|-----------|---|--|
| AGENCY<br>World Insurance Associates, LLC |           | NAMED INSURED<br>SPS New England, Inc.<br>98 Elm Street<br>Salisbury MA 01952 |  |
| POLICY NUMBER                             |           | EFFECTIVE DATE:   |  |
| CARRIER                                   | NAIC CODE |   |  |

**ADDITIONAL REMARKS**

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE**

Policy Number: 0311-5937  
 Policy Period: 11/01/2023 - 11/01/2024  
 Each Occurrence: \$15,000,000 xs \$10,000,000 Aggregate: \$15,000,000 xs \$10,000,000

Excess Liability:  
 Policy Number: EXC 5202018  
 Carrier: Great American Insurance Company  
 Term: 11/1/2023 - 11/1/2024  
 Each Occurrence: \$15,000,000 xs \$25,000,000 Aggregate: \$15,000,000 xs \$25,000,000

Excess Liability:  
 Policy Number: BCS 8800471-10  
 Carrier: Berkley Regional Insurance Company  
 Term: 11/1/2023 - 11/1/2024  
 Each Occurrence: \$15,000,000 xs \$40,000,000 Aggregate: \$15,000,000 xs \$40,000,000

Cyber Liability:  
 Policy Number: W36034230101  
 Carrier: Certain Underwriters at Lloyd's  
 Term: 11/1/2023 - 11/1/2024  
 Aggregate Limit: \$1,000,000  
 SPS Job No. 581  
 NHDOT 15904 - Seabrook/Hampton

SPS New England, Inc. and The New Hampshire Department of Transportation, each of their employees, subcontractors, and their respective members, directors, officers, employees, agents and consultants are included as Additional Insured with regard to General, Auto & Excess liability, including Waiver of Subrogation on all named policies as well as Worker's Compensation when required by a written contract or agreement.



SPSNEWE-01

CGABRIEL

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/26/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|   |   |
|---|---|
| <b>PRODUCER</b><br>World Insurance Associates, LLC<br>50 Prospect St<br>Waltham, MA 02453 | <b>CONTACT NAME:</b> Matthew Morris                                   |
|   | <b>PHONE (A/C, No, Ext):</b> (212) 279-7700 123 <b>FAX (A/C, No):</b> |
|   | <b>E-MAIL ADDRESS:</b> mattmorris@worldinsurance.com                  |
|   | <b>INSURER(S) AFFORDING COVERAGE</b>                                  |
|   | <b>INSURER A:</b> Mid-Continent Casualty Company <b>NAIC #</b> 23418  |
|   | <b>INSURER B:</b>   |
|   | <b>INSURER C:</b>   |
|   | <b>INSURER D:</b>   |
|   | <b>INSURER E:</b>   |
|   | <b>INSURER F:</b>   |

**INSURED**

State of New Hampshire Department of Transportation  
 7 Hazen Drive  
 Concord, NH 03302

**COVERAGES**      **CERTIFICATE NUMBER:**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE  | ADDL INSD | SUBR WVD | POLICY NUMBER  | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS   |
|----------|--|-----------|----------|----------------|-------------------------|-------------------------|--|
|          | <b>COMMERCIAL GENERAL LIABILITY</b><br><input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br>OTHER: |           |          |                |                         |                         | EACH OCCURRENCE \$<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$<br>MED EXP (Any one person) \$<br>PERSONAL & ADV INJURY \$<br>GENERAL AGGREGATE \$<br>PRODUCTS - COM/POP AGG \$ |
|          | <b>AUTOMOBILE LIABILITY</b><br><input type="checkbox"/> ANY AUTO<br><input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY                |           |          |                |                         |                         | COMBINED SINGLE LIMIT (Ea accident) \$<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$                                    |
|          | <b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR<br><b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE<br>DED    RETENTION \$  |           |          |                |                         |                         | EACH OCCURRENCE \$<br>AGGREGATE \$   |
|          | <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b><br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N<br>If yes, describe under DESCRIPTION OF OPERATIONS below |           |          |                |                         |                         | PER STATUTE    OTH-ER<br>E.L. EACH ACCIDENT \$<br>E.L. DISEASE - EA EMPLOYEE \$<br>E.L. DISEASE - POLICY LIMIT \$  |
| A        | Owners Contractors P   |           |          | 040CP002006946 | 2/2/2024                | 6/15/2028               | Each Occurrence 2,000,000  |
| A        | Owners Contractors P   |           |          | 040CP002006946 | 2/2/2024                | 6/15/2028               | Aggregate 4,000,000  |

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 SPS Job No. 581  
 Seabrook, NH, Contract #: X-A001(026)15904

This project will replace the State Red List bridge (Neil R. Underwood Bridge) that carries NH 1A (Ocean Boulevard) over Hampton River at the inlet to Hampton Harbor in the Town of Hampton

### CERTIFICATE HOLDER

SPS New England, Inc.  
 98 Elm Street  
 Salisbury, MA 01952

### CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE  
*Matthew Morris*