



SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

Amendment 0003 is issued to provide the following:

1. Revisions to Section 001270 Measurement and Payment, Section 1.3.19.
2. Proposal due date remain unchained: 03 April, 2003, 2:00 PM local time.
3. NOTICE TO OFFERORS: Offerors must acknowledge receipt of this amendment by number and date on offer or by telegram. Please mark on outside of the envelope in which the offer is enclosed to show amendment received.

Encl:

Section 001270 (revised)

(End of Summary of Changes)

**SECTION 01270****MEASUREMENT AND PAYMENT****PART 1 GENERAL****1.1 GENERAL**

The contract price shall constitute full compensation for furnishing all plant, labor, materials, appurtenances, and incidentals and performing all operations necessary to construct and complete the work in accordance with these specifications and the applicable drawings, including surveying performed by the Contractor. Payment shall be considered as full compensation, notwithstanding that minor features may not be mentioned herein. Material and work paid for under one item will not be paid for under any other item. No separate payment will be made for the work, services, or operations required by the Contractor, as specified in DIVISION 1, GENERAL REQUIREMENTS, to complete the project in accordance with these specifications; all costs thereof shall be considered as incidental to the work. Items of work for which no separate payment is provided shall be considered as incidental to the performance of the work with which it is associated.

**1.2 MEASUREMENT (GENERAL)****1.2.1 Lump Sum Items**

Items measured as a lump sum will be measured for payment as a complete job in the locations indicated. This measurement includes all incidental work, materials, sampling, tests and reports that are necessary to make a complete job. All costs for items of work that are not specifically mentioned to be included in a particular lump sum or unit price payment item shall be included in the listed lump sum item most closely associated with the work involved. Unless the payment item paragraph makes a specific exception of any item, incidental items will not be measured under any other item even though there is another listing for the work or material.

**1.2.2 Unit Quantity Items**

Items measured as a unit quantity will be measured for payment by the actual quantity of material installed in place to make a complete job. Quantity surveys shall be performed in accordance with SPECIAL CLAUSE SC-9 "Quantity Surveys" and Section 01720 SURVEYING.

**1.3 PAYMENT ITEMS**

Payment items for the Work of this Contract for which contract lump sum payment and unit price payment will be made are listed in the SCHEDULE and described below.

### 1.3.1 Item 0001, All Work for Mobilization and Demobilization (Base Item)

Payment will be made at the contract lump sum price for all work required to mobilize to the Site for items awarded under this Contract and to demobilize from the Site at the completion of the Work, including any option items awarded, under this Contract. This item includes, but is not limited to: initial mobilization of all personnel and equipment; site preparation; meetings; temporary facilities such as trailers, sanitary facilities, and utilities, security controls; cleanup; and final demobilization of all personnel and equipment at the completion of the Work. Payment will be made at the specified percentages for mobilization and demobilization when complete, as defined in Section 01140 SUPPLEMENTARY REQUIREMENTS, payment of which shall constitute full compensation for Item 0001.

### 1.3.2 Item 0002, Remedial Action Management Plan (Base Item)

Payment will be made at the contract lump sum price for all work required to prepare the Remedial Action Management Plan (RAMP) in accordance with Section 01400 REMEDIAL ACTION MANAGEMENT PLAN and related sections. The Contract Price shall include, but not be limited to: all costs to prepare and produce a Draft RAMP and Final RAMP that meets Government approval; address Government comments to the satisfaction of the Government for all work plans listed in Section 01400; all reproduction and costs associated with submitting the required number of copies; attend all required conferences and meetings and produce minutes required in the Specifications; and all other work described in Section 01400 of the Specifications to produce a RAMP approved by the Contracting Officer (CO) within the specified time frame. No additional payment will be made to the Contractor for delays or additional costs incurred due to the Contractor's failure to meet the criteria and schedule specified for preparation of a complete RAMP.

### 1.3.3 Item 0003, All Work for PSR Marine Sediments Unit Remedial Action, except for Item Nos. 0001, 0002, and 0004 through 0018 (Base Item)

Payment will be made at the contract lump sum price for all work required in the Base Item tasks for Pacific Sound Resources (PSR) Marine Sediments Unit (MSU) Remedial Action, except for Item Nos. 0001, 0002, and 0004 through 0018. The Contract Price shall include, but not be limited to: incidentals not related to other base items; site preparation, temporary access roads and staging, and erosion control; all survey work not incidental to other base items; administration and home office support; health and safety supplies; and all other work not included in other base items in this Section.

### 1.3.4 Item 0004, Dredging and Disposal at Subtitle "D" Landfill (Base Item)

#### 1.3.4.1 Payment

Payment will be made at the contract unit price for all work required to dredge and dispose of sediments as indicated on the Drawings and in accordance with Section 02325 DREDGING, Section 02120 TRANSPORTATION AND DISPOSAL OF HAZARDOUS AND NON-HAZARDOUS MATERIALS, and related sections. The Contract Price shall include, but not

be limited to: dredging, coordination and offloading, and transportation and disposal including characterization of dredged material.

#### 1.3.4.2 Measurement

The volume of dredged material will be measured by hydrographic surveys prior to dredging and following completion of dredging. The total amount of material removed will be measured by computing the volume between the bottom surface elevation indicated by the soundings of the pre-dredge survey and the bottom surface elevation indicated by soundings of the post-dredge survey. Final quantity will be subject to deductions or corrections of deductions previously made due to excessive overdepth, dredging outside of authorized areas, or disposal of material in an unauthorized manner. Measurement and payment shall be based on completed work performed in accordance with the Drawings and Specifications. Payment for dredging, as so measured, shall constitute full payment for all equipment, labor, and materials, and disposal of material. This shall also include all incidentals necessary to complete the Work required by this Section.

#### 1.3.4.3 Unit of Measure

Unit of measure: cubic yards in place

#### 1.3.5 Item 0005, Sand Cap Mix (Base Item)

##### 1.3.5.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of sand cap mix in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

##### 1.3.5.2 Measurement of Imported Cap Material

The tonnage shall be based on displacement of the hauling barge (for materials delivered by water) or by actual weight in the hauling vehicle (for materials delivered by truck). For each barge or truckload delivered to the Site, the Contractor shall furnish the CO with a weight ticket from the material supplier, and a certified weight certificate for each truckload. Weight tickets shall include, but not be limited to, the tonnage, date, Bid Item No., and material description. Documentation of certification shall be provided for each certified scale used.

Measurement and payment shall be based on completed work performed in accordance with the Drawings and Specifications. Final quantity will be subject to deductions or corrections of deductions previously made due to placement outside of authorized areas or placement in an unauthorized manner.

#### 1.3.5.2.1 Vehicle Measurement

All material delivered to the Site by vehicle shall be weighed on public scales. The scales shall be certified by a public weighmaster and shall be of sufficient capacity to permit weighing the transporting vehicle both empty and full. Types of material shall not be mixed in any given load. All costs for providing acceptable weight measurement shall be borne by the Contractor and included in the applicable unit prices for the material.

#### 1.3.5.2.2 Barge Measurement

Material delivered by barge shall have its weight calculated by the displacement method. All gauges necessary, in the opinion of the CO, for measuring displacement, shall be placed on barges, to the CO's satisfaction, by and at the expense of the Contractor. All barges shall be loaded as nearly as practicable uniformly over their entire deck area. The Contractor may place more than one class of rock material on any barge load, provided that during the loading period the weight of the total of each class of rock removed is determined by the displacement method. If weight displacement, as determined by the CO, cannot be properly made on a partial, non-uniformly loaded barge, the load shall be redistributed by the Contractor so that weight calculation by the displacement method can be made. All barges shall be free from internal water when measured.

No barge shall be used in the Work until a tonnage displacement table certified by a registered professional engineer or naval architect has been furnished by the Contractor and approved by the CO. Each barge shall be plainly marked by a distinctive number, letter, or name that shall not be changed or given to any other barge during the period of the Contract. A barge load data sheet shall be furnished to the CO for each barge load. Information on the data sheet shall include light and loaded draft readings at each corner of the barge, the resulting gross, tare, and net tonnages, resulting net volume, and times when the loading began and was completed. The data sheet, when completed, shall be signed and dated by the Contractor.

Displacement measurements shall be made at point of delivery immediately prior to unloading, during unloading (as specified above), and immediately upon completion of unloading. All measurements shall be made in the presence of the CO. The Contractor shall give the CO at least one working day advance notice of barge deliveries. The CO will record barge measurements for payment quantity purposes before unloading starts.

Should another method for measuring weight of material on barges be necessary, the method shall be approved by the CO prior to use.

#### 1.3.5.3 Unit of Measure

Unit of measure: ton

### 1.3.6 Item 0006, Gravel Mix (Base Item)

#### 1.3.6.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of gravel mix in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.6.2 Measurement

Measurement of gravel mix shall conform to the requirements in paragraph 1.3.5.2  
Measurement of Imported Cap Material.

#### 1.3.6.3 Unit of Measure

Unit of measure: ton

### 1.3.7 Item 0007, Filter Material No. 1 (Base Item)

#### 1.3.7.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of filter material No. 1 in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.7.2 Measurement

Measurement of filter material No. 1 shall conform to the requirements in paragraph 1.3.5.2  
Measurement of Imported Cap Material.

#### 1.3.7.3 Unit of Measure

Unit of measure: ton

### 1.3.8 Item 0008, Filter Material No. 2 (Base Item)

#### 1.3.8.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of filter material No. 2 in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.8.2 Measurement

Measurement of filter material No. 2 shall conform to the requirements in paragraph 1.3.5.2  
Measurement of Imported Cap Material.

### 1.3.8.3 Unit of Measure

Unit of measure: ton

### 1.3.9 Item 0009, Riprap (Base Item)

#### 1.3.9.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of riprap in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.9.2 Measurement

Measurement of riprap shall conform to the requirements in paragraph 1.3.5.2 Measurement of Imported Cap Material.

#### 1.3.9.3 Unit of Measure

Unit of measure: ton

### 1.3.10 Item 0010, Beach Sand (Base Item)

#### 1.3.10.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of beach sand in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.10.2 Measurement

Measurement of beach sand shall conform to the requirements in paragraph 1.3.5.2 Measurement of Imported Cap Material.

#### 1.3.10.3 Unit of Measure

Unit of measure: ton

### 1.3.11 Item 0011, Habitat Mix (Base Item)

#### 1.3.11.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of habitat mix in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

### 1.3.11.2 Measurement

Measurement of habitat mix shall conform to the requirements in paragraph 1.3.5.2 Measurement of Imported Cap Material.

### 1.3.11.3 Unit of Measure

Unit of measure: ton

### 1.3.12 Item 0012, Shoreline Restoration (Base Item)

Payment will be made at the contract lump sum price for all materials, equipment, and labor associated with shoreline restoration, in accordance with the Drawings, Section 02940 SHORELINE RESTORATION, and related sections. Shoreline restoration shall include, but not be limited to: procurement, import, handling, transport, and placement of timber logs, including backfill and anchor assemblies.

### 1.3.13 Item 0013, Water Quality Monitoring (Base Item)

Payment will be made at the contract lump sum price for all materials, equipment, and labor associated with water quality monitoring, in accordance with Section 01355 ENVIRONMENTAL PROTECTION and related sections, during dredging, capping, and associated in-water construction activities. This item shall include, but not be limited to: collection of monitoring data including temperature, dissolved oxygen, turbidity, total suspended solids, and visual presence of sheens, measurement by direct-reading meter or by laboratory analysis, as specified; documentation and reporting of data; and field supervision and management.

### 1.3.14 Item 0014, Cap Verification Sampling and Analysis (Base Item)

Payment will be made at the contract lump sum price for all materials, equipment, and labor associated with cap verification sampling and analysis for capping in RA1 in accordance with the Drawings, Section 02483 SEDIMENT CAP, Section 01450 CHEMICAL DATA QUALITY CONTROL, and related sections. This item shall include, but not be limited to: collection of samples at the specified times and locations, laboratory analysis of required samples, documentation and reporting of data; and field supervision and management.

### 1.3.15 Item 0015, Longfellow Creek Outfall Extension and Outfall Grouting (Base Item)

Payment will be made at the contract lump sum price for all materials, equipment, and labor associated with extension of the 84-inch Longfellow Creek Outfall and abandonment of a 12-inch steel outfall by grouting in accordance with Section 02630 STORM DRAINAGE and related sections. This item shall include, but not be limited to: procurement, delivery, and installation of Longfellow Creek outfall extension pipe, and abandonment of the 12-inch steel outfall.

### 1.3.16 Item 0016, Pre-Construction Multi-Beam Hydrographic Survey (Base Item)

Payment will be made at the contract lump sum price for all materials, equipment, and labor necessary to conduct the pre-construction hydrographic survey by multi-beam echosounding. Surveying shall be in accordance with Section 01720 SURVEYING and related sections.

### 1.3.17 Item 0017, Land Surveying and Single-Beam Hydrographic Surveys (Base Item)

Payment will be made at the contract lump sum price for all materials, equipment, labor, and reporting associated with topographic surveying and hydrographic surveying by single-beam echosounding. Surveying shall be in accordance with Section 01720 SURVEYING and related sections.

### 1.3.18 Item 0018, Record Drawing and Closeout Documentation (Base Item)

Payment will be made at the contract lump sum price for costs associated with preparing, addressing Government comments to the Government's satisfaction, and finalizing the Project Closeout Report, including, but not limited to: copies of all analytical results in chronological order; copies of the weekly and monthly operations reports; copies of waste management records; copies of Contractor Quality Control records; electronic files; and reproduction, delivery, and preparation of the Record Drawings, the Cost and Performance Report, Safety and Health Phase-Out Report, and the Chemical Data Final Report. The Project Closeout Report shall meet the requirements of Section 01788 PROJECT CLOSEOUT. The Cost and Performance Report shall be prepared in accordance with Section 01240 COST AND PERFORMANCE REPORT. Payment will be made for all work required to produce Preliminary and Final Record Drawings in accordance with Section 01780 RECORD DRAWINGS, including, but not be limited to: record keeping; deliverables; reproduction; electronic files; and other work required for Record Drawings in the Specifications.

### 1.3.19 Item 0019, Disposal at Subtitle "C" Landfill (Option Item - General)

#### 1.3.19.1 Payment

Payment will be made at the contract unit price under the respective sub item for additional costs associated with disposal of dredged sediments or other waste materials encountered that require disposal at a Subtitle "C" Landfill in lieu of a Subtitle "D" Landfill in accordance with ~~in accordance with~~ Section 02120 TRANSPORTATION AND DISPOSAL OF HAZARDOUS AND NON-HAZARDOUS MATERIALS, and related sections. This item includes, but is not limited to, testing associated with appropriate disposal, preparing documentation and reporting; and handling, transportation, and off-site disposal. Payment will be in addition to any other payment items for the in-place removal or dredging of the material at the applicable contract price on the Schedule.

### 1.3.19.2 Measurement

Measurement will be based on weight disposed, as indicated on the certificates of disposal.

### 1.3.19.3 Unit of Measure

Unit of measure: ton

## 1.3.20 Item 0020, Additional Cap Verification Sampling and Analysis (Option Item - General)

### 1.3.20.1 Payment

Payment will be made at the contract unit price for costs associated with offset sampling (if required) and/or any additional cap verification sampling (not shown on the Drawings) and analysis at the contract unit price for Item 0020, payment of which shall constitute full compensation for Item No. 0020, complete. This item shall include, but not be limited to: CO-approved collection of offset samples, and/or any additional verification samples at the specified times and locations (in any of the RAs), laboratory analysis of required samples, documentation and reporting of data; and field supervision and management in accordance with Section 02483 SEDIMENT CAP, Section 01450 CHEMICAL DATA QUALITY CONTROL, and related sections. This item does not include collection of additional samples without CO approval. Payment for this item will be made for the actual quantity only. This item is not subject to the Contract Clause "VARIATION IN ESTIMATED QUANTITIES."

### 1.3.20.2 Measurement

Measurement will be based on each sample collected in accordance with an approved RAMP and with CO approval, and analyzed by the off-site laboratory, without rejection.

### 1.3.20.3 Unit of Measure

Unit of measure: each

## 1.3.21 Item 0021, Standby for Site Access (Option Item – General)

### 1.3.21.1 Payment

Payment will be made at the contract unit price for costs associated with standby time approved by the CO due to unforeseen delays other than those anticipated in Section 01145 SITE-SPECIFIC SUPPLEMENTARY REQUIREMENTS. This item includes, but is not limited to: standby time due to tribal fisheries departments or other access issues identified by the CO. The Contractor will receive notification from the Government for such delays. This item does not include delays due to weather. Payment for this item will be made for the actual quantity only. This item is not subject to the Contract Clause "VARIATION IN ESTIMATED QUANTITIES."

### 1.3.21.2 Measurement

Measurement will be based on the total number of days that standby time was in effect, based on CO notification and approval.

### 1.3.21.3 Unit of Measure

Unit of measure: day

### 1.1.1 1.3.22 Item 0022, All Work for Additional Demobilization and Remobilization (Option Item –General)

Payment will be made at the contract lump sum price for all work required to demobilize from and remobilize to the Site, if directed by the CO due to unforeseen circumstances. This item includes, but is not limited to: demobilization and remobilization of all personnel and equipment; meetings; temporary facilities such as trailers, sanitary facilities, and utilities, security controls; and cleanup. This item does not include the constraints identified in Section 01145 SITE-SPECIFIC SUPPLEMENTARY REQUIREMENTS. Payment will be made at the specified percentages for interim demobilization and remobilization when complete, as defined in Section 01140 SUPPLEMENTARY REQUIREMENTS, payment of which shall constitute full compensation for Item 0022.

### 1.3.23 Item 0023, All Work for PSR Marine Sediments Unit Remedial Action – Capping in RA2a and Capping in RA3, except for Item Nos. 0024 through 0030 (Option Item – Capping in RA2a and RA3)

Payment will be made at the contract lump sum price for all work required for the PSR Marine Sediments Unit Remedial Action – Capping in RA2a and RA3, except for Item Nos. 0022 and 0024 through 0030. The Contract Price shall include, but not be limited to: incidentals not related to other option items; site preparation including setting-up and maintaining a local reference grid, temporary access roads and staging, and erosion control; all survey work not incidental to other Capping in RA2a and RA3 option items; administration and home office support; health and safety supplies; and all other work not included in other option items in this Section.

### 1.3.24 Items 0024, Sand Cap Mix (Option Item – Capping in RA2a and RA3)

#### 1.3.24.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of sand cap mix in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.24.2 Measurement

Measurement of sand cap mix shall conform to the requirements in paragraph 1.3.5.2 Measurement of Imported Cap Material.

### 1.3.24.3 Unit of Measure

Unit of measure: ton

### 1.3.25 Items 0025, Coarse Sand (Option Item – Capping in RA2a and RA3)

#### 1.3.25.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of coarse sand in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.25.2 Measurement

Measurement of coarse sand shall conform to the requirements in paragraph 1.3.5.2 Measurement of Imported Cap Material.

#### 1.3.25.3 Unit of Measure

Unit of measure: ton

### 1.3.26 Item 0026, Gravel Mix (Option Item – Capping in RA2a and RA3)

#### 1.3.26.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of gravel mix in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.26.2 Measurement

Measurement of gravel mix shall conform to the requirements in paragraph 1.3.5.2 Measurement of Imported Cap Material.

#### 1.3.26.3 Unit of Measure

Unit of measure: ton

### 1.3.27 Item 0027, Water Quality Monitoring (Option Item – Capping in RA2a and RA3)

Payment will be made at the contract lump sum price for all materials, equipment, and labor associated with water quality monitoring, in accordance with Section 01355 ENVIRONMENTAL PROTECTION and related sections, during capping and associated in-water construction activities. This item shall include, but not be limited to: collection of monitoring data including temperature, dissolved oxygen, turbidity, total suspended solids, and visual presence of sheens, measurement by direct-reading meter or by laboratory

analysis, as specified; documentation and reporting of data; and field supervision and management.

1.3.28 Item 0028, Cap Verification Sampling and Analysis (Option Item – Capping in RA2a and RA3)

Payment will be made at the contract lump sum price for all materials, equipment, and labor associated with cap verification sampling and analysis for Capping in RA2a and RA3 in accordance with the Drawings, Section 02483 SEDIMENT CAP, Section 01450 CHEMICAL DATA QUALITY CONTROL, and related sections. This item shall include, but not be limited to: collection of samples at the specified times and locations, laboratory analysis of required samples, documentation and reporting of data; and field supervision and management.

1.3.29 Item 0029, Single-Beam Hydrographic Surveys (Option Item – Capping in RA2a and RA3)

Payment will be made at the contract lump sum price for all materials, equipment, labor, and reporting associated with hydrographic surveying by single-beam echosounding for Capping in RA2a and RA3. Surveying shall be in accordance with Section 01720 SURVEYING and related sections.

1.3.30 Item 0030, Record Drawing and Closeout Documentation (Option Item – Capping in RA2a and RA3)

Payment will be made at the contract lump sum price for costs associated with preparing, addressing Government comments to the Government's satisfaction, and finalizing the Project Closeout Report for Capping in RA2a and RA3, including, but not limited to: copies of all analytical results in chronological order; copies of the weekly and monthly operations reports; copies of waste management records; copies of Contractor Quality Control records; electronic files; and reproduction, delivery, and preparation of the Record Drawings, the Cost and Performance Report, Safety and Health Phase-Out Report, and the Chemical Data Final Report. The Project Closeout Report shall meet the requirements of Section 01788 PROJECT CLOSEOUT. The Cost and Performance Report shall be prepared in accordance with Section 01240 COST AND PERFORMANCE REPORT. Payment will be made for all work required to produce Preliminary and Final Record Drawings in accordance with Section 01780 RECORD DRAWINGS, including, but not be limited to: record keeping; deliverables; reproduction; electronic files; and other work required for Record Drawings in the Specifications.

1.3.31 Item 0031, All Work for PSR Marine Sediments Unit Remedial Action – Capping in RA2b and Capping in RA4, except for Item Nos. 0032 through 0037 (Option Item – Capping in RA2b and RA4)

Payment will be made at the contract lump sum price for all work required for the PSR Marine Sediments Unit Remedial Action – Capping in RA2b and RA4, except for Item Nos.

0032 through 0037. The Contract Price shall include, but not be limited to: incidentals not related to other option items; site preparation including setting-up and maintaining a local reference grid, temporary access roads and staging, and erosion control; all survey work not incidental to other Capping in RA2b and RA4 option items; administration and home office support; health and safety supplies; and all other work not included in other option items in this Section.

### 1.3.32 Item 0032, Sand Cap Mix (Option Item – Capping in RA2b and RA4)

#### 1.3.32.1 Payment

Payment will be made at the contract unit price for all costs associated with the procurement, import, handling, transport, and placement of sand cap mix in accordance with the Drawings, Section 02483 SEDIMENT CAP, and related sections.

#### 1.3.32.2 Measurement

Measurement of sand cap mix shall conform to the requirements in paragraph 1.3.5.2 Measurement of Imported Cap Material.

#### 1.3.32.3 Unit of Measure

Unit of measure: ton

### 1.3.33 Item 0033, Water Quality Monitoring (Option Item – Capping in RA2b and RA4)

Payment will be made at the contract lump sum price for all materials, equipment, and labor associated with water quality monitoring, in accordance with Section 01355 ENVIRONMENTAL PROTECTION and related sections, during capping and associated in-water construction activities. This item shall include, but not be limited to: collection of monitoring data including temperature, dissolved oxygen, turbidity, total suspended solids, and visual presence of sheens, measurement by direct-reading meter or by laboratory analysis, as specified; documentation and reporting of data; and field supervision and management.

### 1.3.34 Item 0034, Cap Verification Sampling and Analysis (Option Item – Capping in RA2b and RA4)

Payment will be made at the contract lump sum price for all materials, equipment, and labor associated with cap verification sampling and analysis for Capping in RA2b and RA4 in accordance with the Drawings, Section 02483 SEDIMENT CAP, Section 01450 CHEMICAL DATA QUALITY CONTROL, and related sections. This item shall include, but not be limited to: collection of samples at the specified times and locations, laboratory analysis of required samples, documentation and reporting of data; and field supervision and management.

### 1.3.35 Item 0035, Single-Beam Hydrographic Surveys (Option Item – Capping in RA2b and RA4)

Payment will be made at the contract lump sum price for all materials, equipment, labor, and reporting associated with hydrographic surveying by single-beam echosounding for Capping in RA2b and RA4. Surveying shall be in accordance with Section 01720 SURVEYING and related sections.

### 1.3.36 Item 0036, Sediment Profile Imaging Surveys (Option Item – Capping in RA2b and RA4)

#### 1.3.36.1 Payment

Payment will be made at the contract unit price under the respective sub item for costs associated with sediment profile imaging surveys for Capping in RA4 performed in accordance with Section 02483 SEDIMENT CAP, Section 01720 SURVEYING, and related sections.

#### 1.3.36.2 Measurement

Measurement for the imaging surveys shall be per sediment profile image survey complete. Each survey shall meet the requirements of Section 02483 SEDIMENT CAP.

#### 1.3.36.3 Unit of Measure

Unit of measure: each

### 1.3.37 Item 0037, Record Drawing and Closeout Documentation (Option Item – Capping in RA2b and RA4)

Payment will be made at the contract lump sum price for costs associated with preparing, addressing Government comments to the Government's satisfaction, and finalizing the Project Closeout Report for Capping in RA2b and RA4, including, but not limited to: copies of all analytical results in chronological order; copies of the weekly and monthly operations reports; copies of waste management records; copies of Contractor Quality Control records; electronic files; and reproduction, delivery, and preparation of the Record Drawings, the Cost and Performance Report, Safety and Health Phase-Out Report, and the Chemical Data Final Report. The Project Closeout Report shall meet the requirements of Section 01788 PROJECT CLOSEOUT. The Cost and Performance Report shall be prepared in accordance with Section 01240 COST AND PERFORMANCE REPORT. Payment will be made for all work required to produce Preliminary and Final Record Drawings in accordance with Section 01780 RECORD DRAWINGS, including, but not be limited to: record keeping; deliverables; reproduction; electronic files; and other work required for Record Drawings in the Specifications.

### 1.3.38 Item 0038, Post-Construction Multi-Beam Hydrographic Survey and Topographic Land Survey (Option Item)

Payment will be made at the contract lump sum price for all materials, equipment, and labor necessary to conduct the post-construction topographic land survey and hydrographic survey by multi-beam echosounding. Surveying shall be in accordance with Section 01720 SURVEYING and related sections.

## 1.4 CLEANUPS/REMOVALS OF SPILLS AND CONTAMINATION

No payment will be made for materials, equipment, and labor for cleanups/removals of spills and contamination due to Contractor negligence or failure to follow proper work operations, Contractor equipment failures, or booms and containment equipment required as a general operating constraint for routine contract operations under this Contract. Control of sheens released from contaminated sediments during capping or dredging operations is considered a general operating constraint under this Contract.

## 1.5 PAYMENT INVOICE

### 1.5.1 Progress Payment Invoice

Requests for payment shall be submitted in accordance with Federal Acquisition Regulations (FAR) Subpart 32.9, entitled "PROMPT PAYMENT", and Paragraphs 52.232-5 and 52.232-27, entitled "Payments Under Fixed-Price Construction Contracts", and "Prompt Payment for Construction Contracts", respectively. In addition each request shall be submitted in the number of copies and to the designated billing office as shown in the Contract.

(a) When submitting payment requests, the Contractor shall complete Blocks 1 through 12 of the "PROGRESS PAYMENT INVOICE" Form as directed by the Contracting Officer. (A sample form is attached at the end of this Technical Specification Section.) The completed form shall then become the cover document to which all other support data shall be attached.

(b) One additional copy of the entire request for payment, to include the "PROGRESS PAYMENT INVOICE" cover document, shall be forwarded to a separate address as designated by the Contracting Officer.

(c) The Contractor shall submit with each pay request, a list of subcontractors that have worked during that pay period. The listing shall be broken down into weeks, identifying each subcontractor that has worked during a particular week, and indicate the total number of employees that have worked on site for each subcontractor for each week. The prime Contractor shall also indicate the total number of employees for its on-site staff for each week.

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Pacific Sound Resources Superfund Site, Marine Sediment Unit, Seattle, Washington

**PART 2 PRODUCTS (NOT APPLICABLE)**

**PART 3 EXECUTION (NOT APPLICABLE)**



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