



Jun 23, 2020

\_\_\_\_\_  
(date)

**Prospective Bidders for  
OHIT Phase 2  
Interim Use Yard Paving  
Oakland, California**

### **ADDENDUM NO. 3**

The following are revisions to the Plans and Project Manual for **OHIT PHASE 2 INTERIM USE YARD PAVING, OAKLAND, CALIFORNIA**, dated May 2020. Please transmit this information to your prospective sub-bidders, as applicable. This Addendum No. 3 is part of the Contract Documents and its receipt shall be acknowledged on Document 00400, Bid Form.

#### **PROJECT MANUAL**

**1. ADDENDUM NO. 2 DOCUMENT 00100 – INVITATION TO BID, page 00100-1**

REVISE the first sentence of the Invitation to Bid to read as follows:

“The CITY OF OAKLAND, acting by and through its BOARD OF PORT COMMISSIONERS (the “Port”), will receive Bids via email as per the provisions of Document 00200, *Instructions to Bidders*, Paragraph 19, Bid Submission, until 12:00 noon on Tuesday, June 30, 2020, for the following public work:”

**2. ADDENDUM NO. 2 DOCUMENT 00200 – INSTRUCTIONS TO BIDDERS, page 00200-1**

REVISE the second sentence of Paragraph 1, Receipt of Bids, to read as follows:

“The Port will receive Bids until 12:00 p.m., on Tuesday, June 30, 2020.”

**3. ADDENDUM NO. DOCUMENT 00200 – INSTRUCTIONS TO BIDDERS, page 00200-8**

REVISE the second sentence of Paragraph 20, Bid Opening, to read as follows:

“Due to the Health Orders, the bid opening will not be open to the public, but will be conducted via Zoom videoconferencing, and will commence at 12:10 p.m. on June 30, 2020. The Zoom meeting ID is 918 7838 2453.”

**4. ADDENDUM NO. 2 DOCUMENT 00400 – BID FORM**

DISCARD Addendum No. 2 Document 00400, Bid Form, and REPLACE with the attached Addendum No. 3 Document 00400. Bidder shall use the attached Addendum No. Bid Form to submit its bid.

AA-4279/M7RS06A01

530 Water Street ■ Jack London Square ■ P.O. Box 2064 ■ Oakland, California 94604-2064

Telephone: (510) 627-1100 ■ Facsimile: (510) 627-1826 ■ Web Page: [www.portoakland.com](http://www.portoakland.com)

The Addendum No. 3 revisions to the Bid Form consist of (a) changing the Description for Bid Item 36; and (b) changing the Description and Estimated Quantity for Bid Items 15, 39, 40 and 41.

**5. ADDENDUM NO. 2 SECTION 01100 – SUMMARY OF WORK**

DISCARD Addendum No. 2 Section 01100, Summary of Work, and REPLACE with the attached Addendum No. 3 Section 01100. The locations of the Addendum No. 3 revisions are indicated with vertical change bars.

**PLANS**

**1. ADDENDUM NO. 2 DRAWING PH1 – PHASING PLAN**

DISCARD Addendum No. 2 Drawing PH1, Phasing Plan, and REPLACE with the attached Addendum No. 3 Drawing PH1.

Sincerely,

  
Robert Andrews (Jun 23, 2020 15:23 PDT)

Robert Andrews  
Chief Engineer

Attachment:  
Document 00400, Bid Form  
Section 01100, Summary of Work  
Drawing PH1, Phasing Plan

DOCUMENT 00400

**BID FORM**

To be submitted by date and time noted in Document 00200

BOARD OF PORT COMMISSIONERS  
CITY OF OAKLAND

To: Secretary of the Board of Port Commissioners

Re: Contract Number: **2020-03-M1**

**OHIT PHASE 2  
INTERIM USE YARD PAVING  
OAKLAND, CALIFORNIA**

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the City of Oakland, a municipal corporation, acting by and through its Board of Port Commissioners ("Port") in the form included in the Contract Documents, Document 00520 *Agreement*, to perform and furnish all Work specified or indicated in the Contract Documents for the Contract Sum and within the Contract Time indicated in this Bid and in accordance with all other terms and conditions of the Contract Documents.
2. The Bidder accepts all of the terms and conditions of the Contract Documents and the Invitation to Bid and Instructions to Bidders, including without limitation, those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for one hundred twenty (120) calendar days after the day of Bid opening, and may not be withdrawn during that time period. The Bidder will sign and submit the *Agreement*, Bonds and other documents required by Document 00200, *Instructions to Bidders*, by the time and in the manner set forth therein.
3. In submitting this Bid, the Bidder represents that:
  - (a) Bidder has examined all of the Contract Documents and of the following Addenda (receipt of all of which is hereby acknowledged).

<u>Date</u>	<u>Number</u>
_____	_____
_____	_____
_____	_____
_____	_____

**[Attach additional pages if necessary]**

- (b) Bidder has visited the Site and performed all tasks, research, investigation, reviews, examinations, analysis, and given notices, regarding the Project and the Site, as set forth in Document 00520, *Agreement*, Article 5.

4. Based on the foregoing, Bidder proposes and agrees to fully perform the Work within the time stated and in strict accordance with the Contract Documents for the following sum of money listed in the following Bid Schedule:

**SCHEDULE OF BID PRICES**

All bid items, including lump sums, unit prices, and additive alternates must be filled in completely. Bid items are described in Section 01100, Summary of Work. Quote in numerals only, unless words are specifically requested.

<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>ESTIMATED QUANTITY</u></b>	<b><u>UNIT</u></b>	<b><u>UNIT PRICE (Figures)</u></b>	<b><u>TOTAL</u></b>
1.	Mobilization and Demobilization	Lump Sum			\$ _____
2.	Perform All Contract Work Other Than Work Separately Provided for Under Other Bid Items	Lump Sum			\$ _____
3.	Provide Storm Water Pollution Prevention Plan and Perform All Storm Water Reporting Tasks	Lump Sum			\$ _____
4.	General Site Demolition	Lump Sum			\$ _____
5.	Remove and Dispose Railroad Track	1,500	TF	\$ _____	\$ _____
6.	Remove and Dispose Sanitary Lift Station and Related Work	Lump Sum			\$ _____
7.	Demolish Existing Sanitary Sewer Manhole	5	EA	\$ _____	\$ _____
8.	Pulverize and Blend Existing Asphalt Pavement	12,310	SY	\$ _____	\$ _____
9.	Demolish Existing Storm Drain Inlet or Manhole	30	EA	\$ _____	\$ _____

<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>ESTIMATED QUANTITY</u></b>	<b><u>UNIT</u></b>	<b><u>UNIT PRICE (Figures)</u></b>	<b><u>TOTAL</u></b>
10.	Demolish Existing Storm Drain Piping	1,055	LF	\$ _____	\$ _____
11.	Adjust Fire Hydrant to Grade	9	EA	\$ _____	\$ _____
12.	Adjust Existing Water Valve Box to Grade	4	EA	\$ _____	\$ _____
13.	Adjust Existing Drainage Inlet to Grade	1	EA	\$ _____	\$ _____
14.	Site Grading	Lump Sum			\$ _____
15.	Off Haul and Dispose Soil and Aggregate Base (Class 2 Contaminated)	16,300	TON	\$ _____	\$ _____
16.	Furnish and Install 12-inch Diameter Storm Drain Piping	930	LF	\$ _____	\$ _____
17.	Furnish and Install 18-inch Diameter Storm Drain Piping	3,460	LF	\$ _____	\$ _____
18.	Furnish and Install 30-inch Diameter Storm Drain Piping	370	LF	\$ _____	\$ _____
19.	Furnish and Install Drainage Inlet	23	EA	\$ _____	\$ _____
20.	Furnish and Install Storm Drain Manhole	19	EA	\$ _____	\$ _____
21.	Furnish and Install Storm Drain Cleanout	36	EA	\$ _____	\$ _____
22.	Furnish and Install Bioretention Swale	7,020	SY	\$ _____	\$ _____

<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>ESTIMATED QUANTITY</u></b>	<b><u>UNIT</u></b>	<b><u>UNIT PRICE (Figures)</u></b>	<b><u>TOTAL</u></b>
<b>23.</b>	Furnish and Install Vegetated Swale	1,180	SY	\$ _____	\$ _____
<b>24.</b>	Furnish and Install Aggregate Base	1,000	CY	\$ _____	\$ _____
<b>25.</b>	Furnish and Install Asphalt Concrete Pavement	30,800	TON	\$ _____	\$ _____
<b>26.</b>	Remove and Reinstall K-Rail	4,300	LF	\$ _____	\$ _____
<b>27.</b>	Remove and Reinstall Wheel Stop	700	EA	\$ _____	\$ _____
<b>28.</b>	Furnish and Install New K-Rail	300	LF	\$ _____	\$ _____
<b>29.</b>	Furnish and Install New Wheel Stop	60	EA	\$ _____	\$ _____
<b>30.</b>	Furnish and Install Pavement Striping and Markings	Lump Sum			\$ _____
<b>31.</b>	Furnish and Install Exterior Light Pole Protection	25	EA	\$ _____	\$ _____
<b>32.</b>	Furnish and Install Interior Light Pole Protection	36	EA	\$ _____	\$ _____
<b>33.</b>	Furnish and Install Concrete Curb and Gutter	230	LF	\$ _____	\$ _____
<b>34.</b>	Remove and Re-Install Chain Link Fence	150	LF	\$ _____	\$ _____
<b>35.</b>	Preparation, Cleaning, Sweeping and Crack Seal	Lump Sum			\$ _____

<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>ESTIMATED QUANTITY</u></b>	<b><u>UNIT</u></b>	<b><u>UNIT PRICE (Figures)</u></b>	<b><u>TOTAL</u></b>
<b>36.</b>	Preparation, Furnishing and Installation of Slurry Seal Type III	7,890	SY	\$ _____	\$ _____
<b>37.</b>	Full Depth Asphalt Section Replacement	2,500	SF	\$ _____	\$ _____
<b>38.</b>	3" Grind and Asphalt Overlay	10,000	SF	\$ _____	\$ _____
<b>39.</b>	Off Haul and Dispose Soil and Aggregate Base (Non- Hazardous)	16,300	TON	\$ _____	\$ _____
<b>40.</b>	Off Haul and Dispose Soil and Aggregate Base(Class 1, Non- RCRA)	1,500	TON	\$ _____	\$ _____
<b>41.</b>	Off Haul and Dispose Soil and Aggregate Base (Class 1, RCRA	1,500	TON	\$ _____	\$ _____
<b>TOTAL BID PRICE</b>				\$ _____	

5. Subcontractors and their sub-bids for work included in all bid items are listed on the attached Document 00430, *Port of Oakland Subcontractor and Supplier List Form*, as specified in Document 00200, *Instructions to Bidders*.
6. The undersigned understands that the Port reserves the right to reject this Bid, or all bids.
7. If written notice of the acceptance of this Bid, hereinafter referred to as Notice of Award, is mailed or delivered to the undersigned Bidder within the time described in Section 2 above or at any other time thereafter before it is withdrawn, the undersigned will execute and deliver the documents required by Document 00200, *Instructions to Bidders*, including, but not limited to, Document 00520, *Agreement*, Document 00610, *Construction Performance Bond*, Document 00620, *Construction Labor and Material Payment Bond*, Document 00630R1, *Letter of Assent [2016] V.1*, and the required certificates of insurance, all within the time and in the manner specified in Document 00200, *Instructions to Bidders*.
8. Notice of Award or request for additional information may be addressed to the undersigned at the address set forth below.
9. The undersigned herewith encloses a certified check or cashier's check of or on a responsible bank in the United States, or a corporate surety bond furnished by a surety

authorized to do a surety business in the State of California, in the amount of ten percent (10%) of Total Bid Price, and made payable to Port of Oakland.

10. The undersigned agrees to commence work under the Contract Documents on the date established in Document 00700, *General Conditions*, and to complete all work within the time specified in Document 00520 *Agreement*.
11. The undersigned agrees that, in accordance with Document 00700, *General Conditions*, liquidated damages for failure to complete all Work under the Contract Documents within the time specified in Document 00520, *Agreement*, shall be as set forth in Document 00520, *Agreement*.
12. The attention of the Bidder is directed to the necessity of including in the total for each Bid Item \$0.30 per hour of on-site craft work associated with that Bid Item, to be contributed to the Social Justice Program established under the terms of the Maritime and Aviation Project Labor Agreement. Refer to Document 00825R1, *Social Justice Labor Management Cooperation Trust Fund [2016] V.1*.
13. The implementation costs of the Maritime and Aviation Project Labor Agreement Uniform Substance Abuse Policy must be included in the Total Bid Price. These costs are stated in Document 00824R1, *Port of Oakland Maritime and Aviation Project Labor Agreement Substance Abuse Prevention Policy Drug Testing [2016] V.1*.

*Remainder of page intentionally left blank.*



14. The names of all persons interested in the foregoing Bid as principals are:

(IMPORTANT NOTICE: If Bidder or other interested person (including any partner or joint venturer of any partnership or joint venture bidder, respectively) is a corporation, give the legal name of corporation, state where incorporated, and names of president and secretary thereof; if a partnership, give name of the firm and names of all individual co-partners composing the firm; if Bidder or other interested person is an individual, give first and last names in full).

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

licensed in accordance with an act for the registration of Contractors, and with license number: \_\_\_\_\_.

BIDDER: \_\_\_\_\_

<b>FOR PORT USE ONLY</b>
Verification of Active Contractor and Subcontractor Licenses and DIR registrations.
By: _____ Date:    /    /20
<i>For Federally-Funded Projects</i>
Verification of Non-Debarment Listing and Approved Surety.
By: _____ Date:    /    /20
<b>FOR PORT USE ONLY</b>

By: \_\_\_\_\_  
[Signature]

Its: \_\_\_\_\_  
[Printed Name]  
[If Corporation: Chairman, President or Vice President]

By: \_\_\_\_\_  
[Signature]

Its: \_\_\_\_\_  
[Printed Name]  
[If Corporation: Secretary, Assistant Secretary, Chief Financial Officer or Assistant Treasurer]

NOTE: If the Bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If the Bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Date of Bid: \_\_\_\_\_

END OF DOCUMENT

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## DIVISION 1 GENERAL REQUIREMENTS

### SECTION 01100

### SUMMARY OF WORK

#### **PART 1 - GENERAL**

##### **1.01 TABLE OF CONTENTS**

The following is a summary of the Contents of this Section:

- 1.01 Table of Contents
- 1.02 General
- 1.03 Bid Items
- 1.04 Work Site Conditions and Restrictions
- 1.05 Coordination
- 1.06 Construction and Demolition Debris Waste Reduction
- 1.07 Special Environmental Requirements
- 1.08 Security and Safety
- 1.09 Schedules
- 1.10 Jobsite Administration
- 1.11 Contractor and Engineer Joint Site Inspection Prior to Work
- 1.12 Permits
- 1.13 Lines and Levels
- 1.14 Submittals
- 1.15 Traffic Control
- 1.16 Protection of Existing Structures and Utilities
- 1.17 Project Meetings
- 1.18 Construction-Related Utility Service Coordination
- 1.19 Construction-Related Utility Shut Downs
- 1.20 Port Occupancy Prior to Acceptance
- 1.21 Site Cleanup
- 1.22 Project Completion, Closeout, and Warranties
- 1.23 Project Address
- 1.24 NOT USED
- 2.01 Contractor-Furnished Products
- 2.02 NOT USED
- 2.03 NOT USED

##### **1.02 GENERAL**

- A. The Work includes furnishing all labor, materials, appliances, tools, equipment, transportation, services and supervision required to grade and pave the unpaved areas of the project site, and to grind and pave the existing paved areas indicated on the plans, including, but not limited to: excavating, grinding, loading, hauling and disposing off site existing soil, aggregate base and asphalt pavement, and furnishing and installing new asphalt and striping; and performing all associated work, all in accordance with the Contract Documents.

- B. The Work of this Contract comprises construction of all the Work shown on the Port Plans AA-4279 and as described by the Contract Documents. Section 5.1, *Intent* of Document 00700, *General Conditions* describes tasks that comprise "Work."
- C. The Work to be performed under this Contract will be located in the Port Maritime area on properties owned by the Port along the San Francisco Bay and the Oakland Estuary. The Contractor must consider these environmental factors when constructing the Project.
- D. Unless provided otherwise in the Contract Documents, the Contractor assumes all risk of loss to the Work covered by the Contract Documents until the Port's Final Acceptance of the Work.
- E. This Section references other Documents and Sections included in the Contract Documents. The references may not be complete, but are given solely for the convenience of the bidders and the Contractor.

#### 1.03 BID ITEMS

- A. The Port may delete any Bid Item in total or in part prior to or after award of the Contract without compensation in any form or adjustment of other Bid Items or prices therefore.
- B. Unit Prices will be measured and paid as per this Section and as per Section 01200, *Measurement and Payment*. Unit Prices will apply to Work covered by unit prices so long as actual quantities performed on the Project are between 75% and 125% of the estimated quantities referenced herein, unless otherwise stated elsewhere in Article 1.03 D of this Section. If actual quantities exceed these parameters, then the Unit Price will be adjusted in accordance with Section 01200.
- C. The price for each Bid Item will include the costs for all Work as shown on the Plans, and as described elsewhere in the Project Manual. The Work for each Bid Item is not necessarily limited to the actual written descriptions, but must include all other Work necessary to prepare, execute, and complete the described Work. The unit prices and lump sum prices paid for these items will be full compensation for all Work necessary to complete the Work described in each individual item.
- D. Bid Item Descriptions:

**ITEM 1:** **Mobilize and Demobilize** is a General Lump Sum Item. The lump sum price to be paid under this Item includes full compensation for accomplishing all work involved in the mobilization and demobilization.

Except as otherwise specified, mobilization consists of preparatory work and operations, including but not limited to, those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of all offices, buildings, temporary fence, and other facilities necessary for the work on the project; and for all other work and operations which must be performed or costs incurred prior to beginning work on the various bid items on the project site.

Refer to Section 01200, *Measurement and Payment*, for progress payments for mobilization and demobilization.

**ITEM 2: Perform All Contract Work Other Than Work Separately Provided for under Other Bid Items** is a General Lump Sum Item. The Work of this Bid Item includes, but is not necessarily limited to performing all Work shown on the Plans or specified herein other than Work separately provided for under other Bid Items, providing all submittals not covered under other Bid Items, providing traffic control, clearing and grubbing, segregating phases with on site K-rail, developing health and safety plan signed and stamped by a registered CIH, developing and implementing a soil management program for the work, and any other phasing related items, construction project management and coordination, and general conditions support, constructing all utility connections, having an Environmental monitor on site during site work, and complying with the OAB specific Remedial Action Plan (RAP), Risk Management Plan (RMP), the Covenant to Restrict Use of Property (CRUP), Compliance with the SCA/MMRP, RWQCB Order No. R2-2004-0086, and Union Pacific and Kinder Morgan requirements for working within the vicinity of their facilities.

**ITEM 3: Provide Storm Water Pollution Prevention Plan and Perform All Storm Water Reporting Tasks** is a General Lump Sum Item. The Work of this Bid item includes developing and implementing a Storm Water Pollution Prevention Plan (SWPPP), including all permit registration documents and related inspections and report according to the requirements of Section 01345, *Storm Water Pollution Prevention, Erosion and Sediment Control*.

**ITEM 4: General Site Demolition** is a General Lump Sum Item. The lump sum prices includes compensation for furnishing all labor, materials, tools, equipment, transportation and incidentals for doing all the work associated with site demolition required or shown on the plans including, but not limited to, asphalt pavement (including miscellaneous milling as required to complete the work shown on the plans), , bollards, indicator valves, and incidental items including loading, hauling and legal disposal (excluding soil) at a Port approved landfill.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

**ITEM 5: Remove and Dispose of Railroad Track (TF)** is a Unit Price Item and will be measured and paid by the track foot (TF) of track (two rails) removed and disposed as shown on the plans or approved by the Engineer. Unit price to be paid under this Item includes full compensation for pavement demolition, excavation, removal of track, ties, spikes, tie plates, tie rods, and incidentals, loading, hauling and legal disposal of all waster material at a Port approved landfill.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 6: Remove and Dispose of Sanitary Lift Station and Related Work** is a General Lump Sum Item. The lump sum price includes hazardous material abatement, removal and disposal of equipment, fire hydrant, wood pole, building demolition, foundation demolition and related sitework, plugging existing force main, filling wet well and vaults with Controlled Low Strength Material, backfill and grading as shown on the plans, and loading, hauling and legal disposal of all waste material (excluding soil) at a Port approved landfill.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

**ITEM 7: Demolish Existing Sanitary Sewer Manhole (EA) Demolish Existing Sanitary Sewer Manhole (EA)** is a Unit Price Item and will be measured and paid by each (EA) sanitary sewer manhole demolished as indicated on the plans or approved by the Engineer. Unit price to be paid under this Item includes full compensation to demolish and remove the structure in its entirety, plug pipes entering the structure with Controlled Low Strength Material, including loading, hauling and legal disposal of all waste material (excluding soil) at a Port approved landfill.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 8: Pulverize and Blend Existing Asphalt Pavement (SY)** is a Unit Price Item and will be measured and paid by the square yard (SY) for constructing a uniform

compacted reclaimed pavement base ready to be paved by pulverizing the asphalt concrete pavement and underlying material per State Standard Specification Section 30-2.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 9: Demolish Existing Storm Drain Inlet or Manhole (EA)** is a Unit Price Item and will be measured and paid by each (EA) drainage inlet or manhole demolished as indicated on the plans or approved by the Engineer. Unit price to be paid under this Item includes full compensation to remove inlet grate or manhole frames, plug pipes entering the structure with Controlled Low Strength Material, demolish and remove the structure in its entirety including loading, hauling and legal disposal of all waste material (excluding soil) at a Port approved landfill.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 10: Demolish Existing Storm Drain Piping (LF)** is a Unit Price Item and will be measured and paid by linear foot (LF) of storm drain piping demolished as indicated on the plans or approved by the Engineer. Unit price to be paid under this Item includes full compensation for pavement removal, excavation, demolition, removal, loading, hauling and legal disposal of all waste material (excluding soil) at a Port approved landfill.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 11:**     **Adjust Existing Fire Hydrant to Grade (EA)** is a Unit Price Item to be measured and paid by each (EA) fire hydrant adjusted to new grade. The unit price includes full compensation for depressurizing the system, draining the line at the nearest operating storm drain, dechlorinating the water, demolishing concrete collar, disassembling hydrant, excavation, installing extension kit or replacing standpipe, backfilling, installing new concrete collar, purging air, flushing and resetting hydrant, and pressurizing the testing the system.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 12:**     **Adjust Existing Water Valve Box to Grade (EA)** is a Unit Price Item to be measured and paid by each (EA) water valve box adjusted to new grade. The unit price includes full compensation for demolishing concrete collar, disassembling valve box, excavation, adjusting or replacing valve box, setting the valve box, backfilling, installing new concrete collar, and resetting cover to new grade.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 13:**     **Adjust Existing Drainage Inlet to Grade (EA)** is a Unit Price Item to be measured and paid by each (EA) drainage inlets adjusted to new grade. The unit price includes full compensation for excavation, removing/salvaging existing grate, adjusting inlet to new grade, backfilling, and resetting grate.  
The quantity of work under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 14:**     **Site Grading** is a General Lump Sum Item. The lump sum price includes full compensation for excavation and filling (cut and fill), stockpiling on site, grading, compacting, testing on site aggregate base and soil. This bid item includes several rehandling efforts and placement of aggregate base between phases, and, grading pulverized and blended aggregate base as shown on the plans.

**ITEM 15:**     **Off Haul and Dispose Soil and Aggregate Base (Class 2 Contaminated) (TON)** is a Unit Price Item measured by the ton of Class 2 Contaminated material disposed of offsite. The unit price shall be full compensation for testing to determine soil classification in accordance with Section 02100 "Special Site Work Requirements at the Oakland Army Base", loading, hauling, and disposing of the material offsite at the Port approved landfill, all per specifications, and as shown on plans.

The Contractor shall note that soil and aggregate base from various bid items will be stockpiled in separate stockpiles at the stockpile location. Testing will be paid for under this bid item (Bid Item 15). This bid item will also pay for loading and hauling (for disposal) and actual disposal of any soil or aggregate base with test results showing a Class 2 classification only.



The Contractor shall note that "Soil and Aggregate Base Disposal" (including loading and hauling for disposal and actual disposal) will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41. The classification on the test results will determine which bid item among Bid Items 15, 39, 40, or 41 applies.

The quantity of work under this item may vary from 0% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 16:** **Furnish and Install 12-Inch Storm Drain Piping (LF)** is a Unit Price Item to be measured and paid by the linear foot (LF). The unit price includes compensation for furnishing and installing the 12-inch storm drain piping and fittings, including, but not limited to, staking alignment, trenching, shoring, dewatering, protecting existing utilities, loading and hauling **Excess** soil to one or several stockpile locations at the stockpile location, furnishing and installing connections to existing storm drain system, removal and disposal of any old pipe off-site, sawcutting, excavation and off haul of existing pavement section as necessary, furnishing and installing pipe bedding material, backfilling, compacting and paving trench, per section 02315 "Trench Excavation and Backfill," and as shown on the plans.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

For this bid item, Contractor shall also provide detailed As-Built information including, but not limited to, alignment, cover, pipe invert elevations and northing and easting at all structures and tie-in points in a table format.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 17:** **Furnish and Install 18-Inch Storm Drain Piping (LF)** is a Unit Price Item to be measured and paid by the linear foot (LF). The unit price includes compensation for furnishing and installing the 18-inch storm drain piping and fittings, including, but not limited to, staking alignment, trenching, shoring, dewatering, protecting existing utilities, loading and hauling **Excess** soil to one or several stockpile locations at the stockpile location, connections to existing storm drain system, removal and disposal of any old pipe off-site, sawcutting, excavation and off haul of existing pavement section as necessary, pipe bedding, backfilling, compacting and paving trench, per section 02315 "Trench Excavation and Backfill," and as shown on the plans. *Contractor shall replace any existing chain link fence or other improvements removed as part of the storm drain installation.*

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

For this bid item, Contractor shall also provide detailed As-Built information including, but not limited to, alignment, cover, pipe invert elevations and northing and easting at all structures and tie-in points in a table format.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 18: Furnish and Install 30-Inch Storm Drain Piping (LF)** is a Unit Price Item to be measured and paid by the linear foot (LF). The unit price includes compensation for furnishing and installing the 30-inch storm drain piping and fittings, including, but not limited to, staking alignment, trenching, shoring, dewatering, protecting existing utilities, loading and hauling **Excess** soil to one or several stockpile locations at the stockpile location, furnishing and installing connections to existing storm drain system, removal and disposal of any old pipe off-site sawcutting, excavation and off haul of existing pavement section and curb and gutter as necessary,, pipe bedding, backfilling, compacting and paving trench, per section 02315 "Trench Excavation and Backfill," and as shown on the plans. *Contractor shall replace any existing curb and gutter, chain link fence, bioswale or other improvements removed as part of the storm drain installation.*

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

For this bid item, Contractor shall also provide detailed As-Built information including, but not limited to, alignment, cover, pipe invert elevations and northing and easting at all structures and tie-in points in a table format.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 19:     Furnish and Install Drainage Inlet (EA)** will be measured by each (EA) drainage inlet installed and accepted in place. Unit price to be paid under this Item includes full compensation for excavation, trenching, shoring, dewatering, loading and hauling **Excess** soil to one or several stockpile locations at the stockpile location, furnishing and installing inlet structure, concrete collars, frame and grate, and connections to storm drain system.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

For this bid item, Contractor shall also provide detailed As-Built information including, but not limited to, final grate elevation, final pipe invert elevations for each pipe entering and exiting the structure, and final northings/eastings of each structure.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 20:     Furnish and Install Storm Drain Manhole (EA)** will be measured by each (EA) manhole installed and accepted in place. Unit price to be paid under this Item includes full compensation for excavation, trenching, shoring, dewatering, testing, loading and hauling **Excess** soil to one or several stockpile locations at the stockpile location, furnishing and installing manhole, frame and cover, and connections to the storm drain system.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

For this bid item, Contractor shall also provide detailed As-Built information including, but not limited to, final rim elevation, final pipe invert elevations for each pipe entering and exiting the structure, and final northings/eastings of each structure.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 21:**     **Furnish and Install Storm Drain Cleanout (EA)** will be measured by each (EA) cleanout installed and accepted in place. Unit price to be paid under this Item includes full compensation for excavation, trenching, shoring, dewatering, loading and hauling **Excess** soil to one or several stockpile locations at the stockpile location, furnishing and installing cleanout, cover, and connections to the storm drain system.

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

For this bid item, Contractor shall also provide detailed As-Built information including, but not limited to, final cover elevation, invert elevation, and final northings/eastings of each cleanout and connections to the storm drain system. The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 22:**     **Furnish and Install Bioretention Swale (SY)** is a Unit Price Item to be measured and paid by the square yard (SY). Measurement shall be based on the plan area, not the slope area. The unit price includes excavation, fill, grading, dewatering, shoring if any, loading and hauling **Excess** soil to one or several stockpile locations at the stockpile location, placement of perforated pipe, bedding materials, impervious liner, amended soil, permeable material, crushed stone, 1-2" diameter stone, vegetation and rock check dams, plant establishment period and 18 months maintenance as shown on the plans and as specified in Section 02635, "*Bioretention Facilities*".

This Bid Item includes loading and hauling of any **Excess** soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal)

and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

For this bid item, Contractor shall also provide detailed As-Built information including, but not limited to, final invert and flow line elevations every 20 feet, and final northings/eastings of each structure.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 23:**     **Furnish and Install Vegetated Swale (SY)** is a Unit Price Item to be measured and paid by the square yard (SY). Measurement shall be based on the plan area not the slope area. The unit price includes excavation, fill, grading, loading and hauling Excess soil to one or several stockpile locations at the stockpile location, vegetation, plant establishment period and 18 months maintenance as shown on the plans and as specified in Section 02300, "Earthwork".

This Bid Item includes loading and hauling of any Excess soils generated as a result of performing work related to this bid item to one or several separate stockpiles at the stockpile location depending on visual appearance or odor, or as determined by the Soil Management Program. Aggregate Base excavated as part of this bid item shall be stockpiled separately from the soil at the stockpile location. Soil testing will be paid for under Bid Item 15. Loading and hauling (for disposal) and actual disposal will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41 depending on test results.

*Excess soil shall be defined as all soil not reused to backfill trench per plan. Contractor shall make all reasonable efforts to reuse as much of the existing soil as possible before it becomes excess.*

For this bid item, Contractor shall also provide detailed As-Built information including, but not limited to, flow line alignment and elevations every 20ft and final northings/eastings of each structure.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 24:**     **Furnish and Install Aggregate Base (CY)** is a Unit Price Item to be measured and paid by the cubic yard (CY). The unit price includes subgrade preparation, placement of aggregate base, and compaction per Section 02300, "Earthwork" and as shown on the plans. Aggregate Based must be certified virgin from a quarry in accordance with Section 02100, "Special Site Work Requirements at the Oakland Army Base".

The quantity of work under this item may vary from 0% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 25**      **Furnish and Install Asphalt Concrete Pavement (TON)** is a Unit Price Item to be measured and paid by the ton (TON). The unit price includes furnishing, hauling, placing, compacting, quality control, and finishing asphalt pavement including grinding and transverse taper as shown on the plans, per Section 02740 "*Asphalt Concrete Pavement*" and as shown on the plans.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 26:**      **Remove and Re-Install K-Rail (LF)** is a Unit Price Item to be measured and paid by the linear footage of existing K-Rail (actual liner footage of k-rails without spacing) temporarily removed, stored, and reinstalled. This Item includes removing, temporarily stockpiling/storing, reinstalling, interconnecting and anchoring concrete K-Rail, as shown on the Plans. The price shall include furnishing and installing stakes as shown on the drawings.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 27:**      **Remove and Re-Install 8' Wheel Stop (EA)** is a Unit Price Item and will be measured and paid by each (EA) concrete wheel stop temporarily removed, stored, and reinstalled. Existing wheel stops are both stockpiled on site and installed and pinned within some parking stalls, as shown on the plans Contractor to provide the Engineer with an inventory of existing wheel stops prior to starting work. This Item includes removing, temporarily stockpiling/storing, reinstalling, and anchoring concrete Wheel Stops, as shown on the Plans. The price shall include furnishing and installing dowels as shown on the plans.

The quantity of work under this item may vary from 50% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 28:**      **Furnish and Install New K-Rail (LF)** is a Unit Price Item to be measured and paid by the linear footage (LF) for new K-Rail furnished and installed as approved by the Resident Engineer. This Item includes furnishing, installing, interconnecting and anchoring concrete K-Rail, as shown on the Plans.

The quantity of work under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 29:**      **Furnish and Install New Wheel Stop (EA)** is a Unit Price Item to be measured and paid by each (EA) for new wheel stops furnished and installed as approved by the Engineer. The Contractor shall not order any new wheel stops without written authorization from the Resident Engineer. This Item includes furnishing, installing, and anchoring concrete wheel stops, as shown on the Plans. Contractor shall not order any new wheel stops without written authorization from the Resident Engineer. This is an allowance item and will be at the direction of the resident engineer.

The quantity of work under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 30:**     **Furnish and Install Pavement Striping and Markings** is a General Lump Sum Item. The Work of this bid item includes layout, cat tracking and installing two coats of traffic paint for pavement markings, stencils, and lane lines per the Plans. Striping shall conform to Section 02580, "*Pavement Markings*".

**ITEM 31:**     **Furnish and Install Exterior Light Pole Protection (EA)** is a Unit Price Item to be measured and paid by each (EA) for exterior light pole protection furnished and installed as shown on the Plans and approved by the Engineer. The unit price includes full compensation for furnishing all materials, excavation, installing corrugated metal sleeve, placing concrete, curing, and backfilling.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 32:**     **Furnish and Install Interior Light Pole Protection (EA)** is a Unit Price Item to be measured and paid by each (EA) for interior light pole protection furnished and installed as shown on the Plans and approved by the Engineer. The unit price includes full compensation for furnishing all materials, excavation, installing pressure treated lumber, and backfilling.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 33:**     **Furnish and Install Concrete Curb and Gutter (LF)** is a Unit Price Item to be measured and paid by the linear footage of concrete curb and gutter installed as shown on the Plans and approved by the Engineer. The unit price includes full compensation for furnishing all labor, materials, tools and equipment involved in excavation, forming and installing concrete curb and gutter.

The quantity of work under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 34:**     **Remove and Re-Install Chain Link Fence (LF)** is a Unit Price Item to be measured and paid by the linear footage of existing Chain Link Fence temporarily removed and reinstalled. This Item includes removing, temporarily stockpiling, reinstalling, interconnecting and anchoring Chain Link Fence, as shown on the Plans.

The quantity of work under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 35:**     **Preparation, Cleaning, Sweeping and Crack Seal** is a General Lump Sum Item. The Lump Sum price shall be full compensation for providing all labor, equipment, materials, and incidentals for all work associated with cleaning, sweeping, performing all necessary activities to remove oxidized pavement, loose aggregate, vegetation and foreign debris, and applying crack seal. Contractor shall protect in place all utilities, utility covers, survey monuments in well, and other miscellaneous concrete structures within the project limits. Work performed under this bid item shall conform to the State of California Department of Transportation (CALTRANS) Standard Specification 2018 Section 37-6; however, Section 37-6.04 does not apply.

**ITEM 36:**     **Preparation, Furnishing and Installation of Slurry Seal Type III (SY)** is a Unit Price Item to be measured and paid by the square yard of slurry seal installed as indicated on the plans. Prior to starting work, Contractor shall verify all controlling field dimensions. Unit price to be paid under this item includes full compensation for furnishing all labor, materials, tools, equipment and incidentals for doing all the work involved in preparing the surface, furnishing and placing of the slurry seal complete in place, and protecting the slurry seal until it has set, in accordance with Section 02744 *Slurry Seal – Polymer Modified* of the Specifications.

The quantity of Preparation, Furnishing, and Installation of Slurry Seal Type III (SY) under this item may vary from 50% to 150% of the estimated quantity without affecting the unit bid price.

**ITEM 37:**     **Full Depth Asphalt Section Replacement (SF)** is a Unit Price Item to be measured and paid by the square foot (SF). The unit price includes sawcutting, excavation removal and disposal at a Port approved landfill of existing damaged pavement and aggregate base, furnishing and installing 12" virgin class II aggregate base and 6" asphalt concrete pavement including tack coat, furnishing, hauling, placing, compacting, quality control, and finishing asphalt pavement per Section 02740 *"Asphalt Concrete Pavement"* as directed by the Engineer. This work will be done at the direction and discretion of the Engineer.

The quantity of Full Depth Asphalt Section Replacement (SF) installed under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 38:**     **3" Grind and Asphalt Overlay (SF)** is a Unit Price Item to be measured and paid by the square foot (SF). The unit price includes sawcutting, grinding and disposal at a Port approved landfill of existing asphalt concrete pavement and installing 3" asphalt concrete pavement including tack coat, furnishing, hauling, placing, compacting, quality control, and finishing asphalt pavement per Section 02740 *"Asphalt Concrete Pavement"* as directed by the Engineer. This work will be done at the direction and discretion of the Engineer.

The quantity of 3" Grind and Asphalt Overlay (SF) installed under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 39:**     **Off Haul and Dispose Soil and Aggregate Base (Non-Hazardous) (TON)** is a Unit Price Item measured by the Ton of Non-Hazardous material disposed of offsite. The unit price shall be full compensation for loading, hauling and disposing of the material offsite, as shown on the plans.

The Contractor shall note that soil and aggregate base from various bid items will be stockpiled in separate stockpiles at the stockpile location. Testing will be paid for under Bid Item 15. This bid item (39) will pay for loading and hauling (for disposal) and actual disposal of any soil or aggregate base with test results showing a Non-Hazardous classification only.

The Contractor shall note that "Soil and Aggregate Base Disposal" (including loading and hauling for disposal and actual disposal) will be paid for under either



Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41. The classification on the test results will determine which bid item among Bid Items 15, 39, 40, or 41 applies.

The quantity of soil disposed of under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 40: Off Haul and Dispose Soil and Aggregate Base (Class 1, Non-RCRA) (TON)** is a Unit Price Item measured by the Ton of Class 1, Non-RCRA material disposed of offsite. The unit price shall be full compensation for loading, hauling and disposing of the material offsite, as shown on the plans.

The Contractor shall note that soil and aggregate base from various bid items will be stockpiled in separate stockpiles at the stockpile location. Testing will be paid for under Bid Item 15. This bid item (40) will pay for loading and hauling (for disposal) and actual disposal of any soil or aggregate base with test results showing a Class 1, Non-RCRA classification only.

The Contractor shall note that "Soil and Aggregate Base Disposal" (including loading and hauling for disposal and actual disposal) will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41. The classification on the test results will determine which bid item among Bid Items 15, 39, 40, or 41 applies.

The quantity of soil disposed of under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

**ITEM 41: Off Haul and Dispose Soil and Aggregate Base (Class 1, RCRA) (TON)** is a Unit Price Item measured by the Ton of Class 1, RCRA material disposed of offsite. The unit price shall be full compensation for loading, hauling and disposing of the material offsite, as shown on the plans.

The Contractor shall note that soil and aggregate base from various bid items will be stockpiled in separate stockpiles at the stockpile location. Testing will be paid for under Bid Item 15. This bid item (41) will pay for loading and hauling (for disposal) and actual disposal of any soil or aggregate base with test results showing a Class 1, RCRA classification only.

The Contractor shall note that "Soil and Aggregate Base Disposal" (including loading and hauling for disposal and actual disposal) will be paid for under either Bid Item 15, Bid Item 39, Bid Item 40, or Bid Item 41. The classification on the test results will determine which bid item among Bid Items 15, 39, 40, or 41 applies.

The quantity of soil disposed of under this item may vary from 0% to 200% of the estimated quantity without affecting the unit bid price.

#### 1.04 WORK SITE CONDITIONS AND RESTRICTIONS

- A. Access: The Contractor shall access the site from 14<sup>th</sup> Street or Maritime Street. Internal Site Access shall be phased in accordance with the plans.
- B. Parking: The Contractor's employees may park company vehicles in the designated Contractor staging area as specified on the project plans.

- C. Storage: The Contractor may store equipment and materials used on the project at the Site in areas as shown on the Plans or as designated by the Engineer. As per Subsection 16.1.2 of Document 00700, the Contractor is responsible for the security of material and equipment stored at the Site, and must confine all storage of products and equipment to those areas as allowed by these Contract Documents.
- D. Working Hours:
  - 1. For Working Hours requirements, refer to Section 15.1, *Time Allowances for Performance of the Work*, of Document 00700, particularly Subsections 15.1.4 through 15.1.6.
  - 2. Notwithstanding the allowances described in 15.1.5 of Document 00700, the Contractor may request that the work period be extended beyond eight (8) hours per day, and for all seven days of the week. Such requests, however, are subject to the approval of the Engineer, the Port's Risk Management Division, and the Port's Environmental Health and Safety Specialist.
  - 3. Normal working hours will be between the hours of Monday through Friday, 7 a.m. through 5 p.m. If desiring to work during nights, early mornings, or holidays, the Contractor must apply and obtain approval for off-hours Site access from the Engineer.
  - 4. All Contract Work, whether it is performed in normal business hours or non-business hours, will be considered included in the Contract bid price.
- E. Hauling: Haul routes shall be on public streets and highways.
- F. Construction Organization:
  - 1. The Contractor must plan, prepare, and organize each work shift so as to bring all necessary workforce, equipment, work trucks, and general conditions items - including sanitary facilities and adequate water supplies - into the work zone at the beginning of the shift. The Contractor's Employees must not make avoidable repeated trips in and out of the work zone during a work shift.
  - 2. At the end of a work shift, the Contractor must clean up the work zone. The Contractor must return all equipment, supplies and incidentals to any prescribed or approved staging areas at the end of each work shift, unless otherwise allowed by the Engineer, and not including those items necessary for a work shift immediately following the concluding shift.

#### 1.05 COORDINATION

For all coordination requirements, refer to Section 6, *Construction Work by Port or by Separate Contractors*.

- A. General:

1. All of the Contractor's coordination with other contractors working on other projects, Port tenants, and Port forces must be through the Engineer (refer to Document 00700, Section 6.3, *Port Authority over Coordination*).
  2. Refer to Subsection 15.4.1 of Document 00700 for the Port's right to sequence the Work as a consequence of the Contractor's failure to coordinate and cooperate.
- B. Work under Other Contracts: As per Document 00700, Section 6.2, *Mutual Responsibility*, the Contractor must coordinate the Work with construction work, at or adjacent to the Site, performed by the Port, other contractors, or utilities.

Construction Work at or adjacent to the Site includes, but is not necessarily limited to the following:

1. Centerpoint Landing – 14<sup>th</sup> Street Improvements
  2. Truck Charging Stations at Shippers Transport Express (STE)
  3. 7<sup>th</sup> Street Grade Separation East
- C. Other Activities: The activities described below are anticipated to be in progress by others on or adjacent to the Site before and during the Work under this Contract. The Contractor must coordinate the Work fully and must coordinate shared access fully with others performing these other activities and other work.
1. On-Going Tenant Operations
  2. On-going Maintenance Operations
  3. Construction of miscellaneous site improvements by the Port or its tenant
- D. Container and Rail Terminal Operations:

Active container terminals and railyards commonly operate between 8:00 AM to 5:00 PM weekdays, and on occasion, outside of those hours and on Saturdays and Sundays. At the railyards and terminals, trains and ships are loaded and unloaded and containers are moved in and out by trucks and other equipment. The exact scope and scheduling of these activities cannot be accurately predicted.

1. Railyard and terminal operations must continue uninterrupted during the time of this Contract. The Contractor must schedule all Work of this Contract so as to avoid conflicts with terminal activity.
2. The Contractor must not obstruct or in any way interfere with railyard or container terminal operation without prior approval of the Engineer.
3. The following terminal activities are anticipated to be in progress on or adjacent to the work sites during the work under this Contract:

- a. Industrial traffic within railyards and terminals.
- b. Container handling operations within railyards and terminals.
- c. Shipping operations within railyards and terminals.

#### 1.06 CONSTRUCTION AND DEMOLITION DEBRIS WASTE REDUCTION

In accordance with the Port of Oakland Resolution No. 01197, included as Attachment 1 to Document 00455, *Construction and Demolition Debris Waste Reduction Requirements*, at least 50% of construction and demolition debris resulting from the project must be diverted from landfill. The City of Oakland has construction and demolition debris waste recycling goals of 65% of all construction debris, and 100% of all asphalt and concrete waste. To meet these goals, the Contractor must complete and submit the City of Oakland recycling forms as specified below, and must satisfy any waste reduction requirements established by the City of Oakland pursuant to the building permit.

- A. The Contractor must complete the Construction and Demolition Debris Waste Reduction and Recycling Plan form (WRRP form), included in the Project Manual as Attachment 2 to Document 00455, and submit it with the Bid, in accordance with the provisions of Document 00200, *Instructions to Bidders*.
- B. The Construction and Demolition Debris Material Tracking Sheet and Construction and Demolition Debris Recycling Planning Sheet, included in the Project Manual as Attachments 3A and 3B to Document 00455, are provided for Contractor's convenience. Use of these sheets is optional.
- C. At the conclusion of the Project and prior to final inspection by the Port, the Contractor must, in accordance with the provisions of Resolution 01197, Section 7(a), complete the Construction and Demolition Debris Recycling Summary Report form (SR), included in the Project Manual as Attachment 4 to Document 00455, and submit said form to:

Port of Oakland  
Permit Coordinator  
530 Water Street, 2<sup>nd</sup> Floor  
Oakland, CA 94607

#### 1.7 SPECIAL ENVIRONMENTAL REQUIREMENTS

Refer to Section 16.8, *Environmental Controls* of Document 00700, and Section 01340, *Safety and Environmental Submittals*.

- A. Refer to the permit requirements described in Article 1.12 of this Section.
- B. The Contractor must complete all submittals as required by Section 01340, *Safety and Environmental Submittals*, and must not commence Work without approval by the Port. The Contractor must comply fully with the requirements of such approved submittals and all other requirements of the Contract Documents that apply to such activities.
- C. requires the Contractor to remove, handle, transport and dispose of contaminated and hazardous substances.

D.

1. Within the Oakland Army Base, Economic Development Conveyance (OAB) area, the Contractor must perform all Work in accordance with Section 01335, *Oakland Army Base Standard Conditions of Approval and Mitigation Monitoring and Reporting Program (SCA/MMRP) Design and Construction Related Measures*.
2. The Contractor must adhere to all restrictions or requirements in the *Final Remedial Action Plan (RAP) and Risk Management Plan (RMP), Oakland Army Base, Oakland, California*, prepared for the Oakland Base Reuse Authority and Department of Toxic Substances Control, California Environmental Protection Agency, prepared by Erier and Kalinowski, Inc., dated September 27, 2002 and the incorporated Risk Management Plan (Appendix E to the final RAP). The RAP is available from the Port as well as at:

<http://www2.oaklandnet.com/Government/o/CityAdministration/d/NeighborhoodInvestment/o/OaklandArmyBase/DOWD008823>

- E. The Contractor must prepare and submit a Storm Water Pollution Prevention Plan (SWPPP) as per the requirements of Section 01345, *Storm Water Pollution Prevention, Erosion and Sediment Control*, and must execute the approved SWPPP during performance of the Work.

1.08 SECURITY AND SAFETY

Refer to Section 16.2, *Protection of Work, Persons, and Property* and Section 16.3, *Responsibility for Safety and Health* of Document 00700, Document 00831, *Construction Safety Standard Manual*, Section 01340, *Safety and Environmental Submittals*, and Section 01343, *Safety Program and Safety Representative Requirements*.

- A. The Contractor will be responsible for security of the Work and of equipment and materials at the Site.
- B. The Contractor must, at all times, exercise control over any persons or vehicles, other than from regulating agencies, visiting the work site of its activities.
- C. For trench shoring requirements, refer to Section 16.9, *Trench Safety Plan* of Document 00700, and Section 02260, *Excavation Support Systems*.

1.09 SCHEDULES

- A. The Contractor must follow the requirements of Section 01320, *Construction Schedules and Reports*.
- B. The Contractor shall provide the Port and Tenant with 2 weeks advanced notice of completion of each phase of work. Once the physical work is complete in each phase, the tenant shall be allowed 2 days to move out of the next phase of work.

1.10 JOBSITE ADMINISTRATION

The Contractor must adequately and continuously administer the Work at the Site in accordance with Section 01310, *Jobsite Administration*.

A. Contractor's Field Office:

1. Notwithstanding the requirements of Section 10.2, *Contractor's Office at the Work Site*, Document 00700, for this Project the Contractor is not required to maintain an office at the Site, but must keep and maintain all documents necessary to construct the project at the Site or in a work vehicle adjacent to the Site and immediately accessible.
2. Not having a designated office at the Site does not relieve the Contractor of posting signs and information as required by regulatory agencies, Section 01310, *Jobsite Administration*, and other Documents and Sections included in the Contract Documents.

1.11 CONTRACTOR AND ENGINEER JOINT SITE INSPECTION PRIOR TO WORK

Prior to commencement of Work, the Contractor and the Port must jointly survey the area adjacent to the Project area making permanent note and record of such existing damage at or adjacent to the Site. This record will serve as a basis for determination of subsequent damage to structures, conditions or other existing improvements due to the Contractor's operations. All parties making the survey must sign the official record of existing damage. The Contractor must report cracks, sags, or damage of any nature to the adjacent Project area, not noted in the original survey but subsequently noted, immediately to the Engineer.

1.12 PERMITS

All Contract Work must conform strictly to all permits, authorizations and requirements. Refer to Section 13.1, *Laws and Regulations* and Section 13.2, *Permits and Taxes*, of Document 00700, *General Conditions*, Section 01410, *Regulatory Requirements*, and Section 01411, *Regulatory Requirements for Hazardous Materials*.

- A. The Port will make available on-line copies of applicable permits, authorizations and requirements, including mitigations adopted by the Board of Port Commissioners, that have been issued prior to the time of the Bid.
- B. The Port will provide to the Contractor copies of permits, authorizations and requirements relevant to this Contract that have been issued to the Port by the regulatory agencies or that have been adopted by the Board of Port Commissioners.
- C. The Contractor is responsible for coordinating and cooperating with the Port to fulfill the terms of all applicable permits, authorizations, and requirements, including those issued after award of the Contract.
- D. The Contractor is responsible for the costs and results of all delays and fines resulting from the Contractor's failure to comply with the permits, authorizations and requirements.
- E. The Port has applied to the Building Services Department of the City of Oakland for building permits for the proposed demolition Work, and has applied for trade

permits required for plan check. The Contractor must obtain said permits, and any other required permits that have not been applied for by the Port, and must pay all remaining fees due. The Contractor must submit copies of all permits to the Engineer prior to commencing Work. The Contractor must provide any required submittals that may be necessary for the City to complete plan review. The Port will reimburse all applicable permit fees to the Contractor as per Paragraph 13.2.1 of Document 00700.

- F. If any new Environmental Permit or addendum to an existing permit applicable to the Work is issued after the time of opening of Bids, and changes to the Work are required in order to comply with new permit requirements, the Contractor may request additional compensation for such changes, pursuant to Document 00700, *General Conditions*, provided that: Such changes materially alters the Work in the Contract Documents; and such change could not be reasonably expected by the Contractor given the ordinarily encountered and generally recognized conditions under similar permits as the Environmental Permits that inherently apply to the performance of the Work provided in the Contract Documents.
1. The Contractor must pay all costs of evaluating the implications for the Work of the terms, conditions and restrictions of the Environmental Permits, and of responding to any Requests for Proposals or Field Changes of Port that are issued in connection with the issuance of the Environmental Permits.
  2. Subject to the foregoing, the provisions of Section 01250, *Modification Procedures*, apply to any change in scope of the Work arising from the issuance of the Environmental Permits.
- G. As per Subsection 9.2.2 of Document 00700, the Contractor has full responsibility for arranging and obtaining inspections, tests, or approvals from permitting bodies as required, and furnishing the Port with the with the required certificates of inspection or approval.
- H. Permits applying to the Work will not limit or restrict the obligation of the Contractor in the performance of the Work to comply with any and all other permits that are described in the Contract Documents or that apply to the performance of the Work.

#### 1.13 LINES AND LEVELS

The Contractor will be responsible for the Project lines and levels. For additional survey requirements, refer to Section 11.2, *Monument Preservation, Contractor's Lines and Grades, Measurements* of Document 00700, *General Conditions* and Section 01720, *Surveying Requirements*.

- A. The Contractor must employ a licensed Land Surveyor to establish and maintain all lines and levels necessary for the location and construction of the Work.
- B. The Contractor must verify the levels shown on Plans with existing levels and notify the Port of any discrepancies before proceeding with the Work.

#### 1.14 SUBMITTALS

The Contractor must provide all submittals for the Port's review in accordance with Section 01330, *Submittals*. The required submittals for this project are generally, but not necessarily completely, compiled in Section 01331, *List of Submittals*.

#### 1.15 TRAFFIC CONTROL

Refer to Document 00700, Section 16.5, *Use of Roadways and Walkways*.

Prior to any Work requiring traffic control, the Contractor must submit a Traffic Control Plan as per the requirements of Section 01556, *Traffic Control*. Upon approval of the Traffic Control Plan, the Contractor must comply with its requirements.

#### 1.16 PROTECTION OF EXISTING STRUCTURES AND UTILITIES

Refer to Section 8.4, *Existing Utilities*, Section 13.4, *Notice of Concealed or Unknown Conditions*, and Section 16.2, *Protection of Work, Persons, and Property* of Document 00700 and Section 01725, *Preservation of Property*.

- A. As per 8.4.3 of Document 00700, prior to performing Work at the Site, the Contractor must layout the locations of all known existing utilities and other significant known underground structures.
- B. As per 13.4.1 of Document 00700, the Contractor is fully responsible for locating and protecting underground facilities, and the Contractor must:
  - 3. As per 01330, *Submittals*, submit an Underground Facility Location and Protection Plan. At minimum, the Plan should include provisions for:
    - a. Notifying Underground Service Alert (USA)
    - b. Locating all other underground facilities that members of USA will not or cannot locate.
  - 4. As per 01330, *Submittals*, submit records of all underground facilities located from the execution of the accepted Underground Facility Location and Protection Plan.
  - 5. Protect all underground known and discovered facilities as per the approved accepted Underground Facility Location and Protection Plan, and as required.
- C. As shown on the Plans, and as directed by the Engineer, the Contractor must pothole to locate utilities.
  - 1. Prior to the start of Work, the Contractor must attend a Pre-Work Pothole Meeting with the Engineer to confirm pothole locations. This meeting will take place after USA markings have been completed.
  - 2. The Contractor must record all measurements taken from the top of the utility to the existing pavement surface. Measure to the nearest 0.1 foot.



3. When potholing, the Contractor must:
  - a. Provide all special equipment, skilled personnel, and location services.
  - b. Provide traffic control, including materials, labor, and equipment in accordance with the requirements of the appropriate jurisdictions.
  - c. Neatly cut and remove existing pavement, generally 12" square for depths to 10 feet.
  - d. Remove the soil above the utility using vacuum excavation and compressed air to loosen the material, in order to safely expose the top of the utility. Provide dust control. The Contractor must not inject water during potholing without the written approval of the Engineer.
  - e. Backfill and compact with Class 2 aggregate base, and in paved areas, re-surface with cold asphalt to match the existing pavement section.
  - f. Clean up site after completion of work.
  - g. Furnish and install PK nails and high visibility "whiskers" in paved areas, and stakes in unpaved areas, directly above the center-line of the utility.
  - h. Provide a table that indicates the utility reference number, description of the utility including size and material.
- D. The Plans indicate existing above and below grade structures, drainage lines, storm drains, sewers, water, gas, electrical, hot water and other similar items and utilities that are known to the Port. All utilities shown on the Plans are shown in their approximate locations.
- E. The Contractor, at its own expense, must repair all damage to roadways resulting from the Contractor's hauling operation or other construction activities.

#### 1.17 PROJECT MEETINGS

- A. The Contractor must attend weekly Progress Meetings as described in Section 01315, *Project Meetings*. The Port or the Engineer may also schedule daily meetings at the Engineer's prerogative and as required by the nature of the Work.
- B. In addition to the meetings listed in Section 01315, the Specifications may also include other required meetings C. Prior to mobilization, the Contractor and the Engineer must hold a Site Mobilization Meeting at the Project Site. Topics may include:
  1. Site access.
  2. Environmental controls, including those required by the Approved Storm Water Pollution Prevention Plan (SWPPP).
  3. Materials and equipment storage areas.
  4. The Contractor's use of existing facilities.

5. Coordination with Port tenants, Port Staff, and other contractors.
  6. Boundaries of Work areas.
  7. Traffic Control
  8. Existing utilities, structures, monuments, and observation wells.
- D. Prior to a utility shutdown, the Engineer and the Contractor must hold a Utility Shutdown Coordination Meeting as per Article 1.19 of this Section.

#### 1.18 CONSTRUCTION-RELATED UTILITY SERVICE COORDINATION

- A. If prosecution of the Work requires utility services for the Contractor's use during construction, the Contractor must verify and establish these construction utility services from the appropriate private or municipal utility companies.
- B. The Contractor is solely responsible for making and scheduling all construction utility arrangements. The Port makes no guarantee as to the availability or the cost of such utilities.
- C. The Contractor is solely responsible for coordinating all necessary work to establish construction utility services.
  1. To prevent any potential work delays, the Contractor must notify and coordinate with the utility companies, as necessary and as soon as possible.
  2. The Contractor will be responsible for making all payments as required by the utility companies for construction utility services. Any delays to the Work caused by the Contractor not making timely payments to a utility company will be the Contractor's responsibility.
- D. If the Contractor desires to use existing Port utilities to execute the Work, the Contractor must arrange, through the Engineer, to set up separate metering and necessary utility supply equipment. The Contractor is responsible for all metering and supply equipment costs, including installation and removal.
  1. Prior to requesting use of Port utilities, the Contractor must first determine whether the use of utility services from standard utility providers is feasible. Only if all other utility services are determined to not be feasible, may the Contractor request the use of Port utilities. During the bid phase, questions pertaining to Port utilities should be addressed to the technical contact person listed in Document 00100, *Invitation to Bid*, of the Project Manual.
  2. For water supply, the Contractor must primarily use East Bay Municipal Utility District (EBMUD) water, following EBMUD's metering and use regulations. The Port will reimburse the Contractor for EBMUD water usage, provided that the Contractor demonstrates to the Engineer the amount of water used for the Work.
    - a. The Contractor may not use potable water during an EBMUD declared Stage 4 drought.

- b. If the Contractor cannot locate an EBMUD hydrant within 500 feet of the Project Site, the Port may provide water for non-potable use only.
    - i. The Contractor will not be charged for water usage except for any fees that EBMUD charges to the Port for sewer treatment and service.
    - ii. The Contractor must meter any Port-supplied water usage as directed by the Engineer at the Contractor's expense.
- 3. For other utilities, the Contractor must reimburse the Port, on a monthly basis, for the metered utility usage, at the Port's rate.
- E. The Contractor must coordinate with and pay utility companies for all work needed to disconnect, cancel, or remove utility services after completion or during suspension or resumption of the Work.

#### 1.19 CONSTRUCTION-RELATED UTILITY SHUT DOWN

- A. The Contractor must notify the Engineer in writing at least ten (10) business days in advance of any work-required utility shut downs including, but not limited to, those related to water, gas, electrical, fire alarm, and security systems. The prior written notice must include a schedule showing the work sequence, time required, and crew requirements.
- B. After written notice, and between five (5) and ten (10) business days in advance of the shutdown, the Contractor and Port must meet to discuss the shutdown as per the requirements of Section 01315, *Project Meetings*.
- C. If any portion of the above utility shut down provision conflicts with the utility shut down provisions incorporated into the Technical Specifications included in the Project Manual, the utility shut down provisions in the Technical Specifications will take precedence.
- D. The Contractor must ensure that all necessary equipment and personnel required to perform the Contractor's role in the shutdown are at the Site at least one hour prior to the shutdown.

#### 1.20 PORT OCCUPANCY PRIOR TO ACCEPTANCE

- A. The Contractor must allow the Port to take possession of and use any completed or partially completed portion of the Work as soon as the Port's possession and use is possible without interference to any remaining Work.
- B. The Contractor will not be held responsible for damage to the occupied or used portions of the Work resulting from the Port's occupancy.
- C. Possession or use by the Port of Work or any part thereof as contemplated by this Article must not in any case be construed as constituting acceptance of Work or any part thereof. Such use will neither relieve the Contractor of any responsibilities under the Contract Documents, nor act as waiver by the Port of any of the conditions thereof.

- D. Use or occupancy by the Port prior to Final Acceptance of Work does not relieve the Contractor of its responsibility to maintain insurance and bonds required under the Contract Documents until the entire Work is completed and accepted by the Port.
- E. Prior to date of the Port's Final Acceptance of the Work, the Contractor must make all necessary repairs or renewals in the Work or those parts thereof so used, not due to ordinary wear and tear, but due to defective materials or workmanship or to the operations of Contractor, as required in Document 00700, *General Conditions*, Paragraph 9.3, *Correction of Defective Work*.
- F. Refer to Subsection 9.3.4, of Document 00700 for allowable modifications to the correction period start date for portions of the Work that the Port has taken possession or prior to Final Acceptance.
- G. The Port may specify in the Contract Documents that the Contractor must complete portions of the Work, including electrical and mechanical systems or separate structures, on milestone dates prior to Substantial Completion of all of the Work. The Contractor must notify the Port in writing when the Contractor considers any such part of the Work ready for its intended use and Substantially Complete and may request the Port to issue a Certificate of Substantial Completion for that part of the Work.

#### 1.21 SITE SANITATION AND CLEANUP

Refer to Document 00700, Section 16.1, *Use of Site/Sanitary Rules*, in particular Subsections 16.1.1 and 16.1.3, and Section 16.2, *Protection of Work, Persons, and Property*.

The Contractor must:

- A. Maintain the work site in a clean and orderly condition during the Contract.
- B. Provide and maintain at the Site, flush toilets for the Contractor's and Subcontractors' employees.
- C. Legally remove and dispose of spoils and debris resulting from the Work.
- D. As per Subsection 16.2.1 of Document 00700, the Contractor must abate, on a daily basis if necessary, any vandalism at the Site.
- E. Ensure that all materials and equipment are properly secured and the Site is left in a clean and orderly condition at the end of each work day and whenever the Contractor leaves the Site.
- F. Provide all necessary labor and equipment to fully collect, contain and legally dispose of all solid wastes generated by the Work of this contract.

#### 1.22 PROJECT COMPLETION, CLOSEOUT, AND WARRANTIES

For Substantial Completion, Final Completion, Contract Closeout, and Warranty requirements, refer to Section 9.3, *Correction of Defective Work* of Document 00700, Section 01770, *Contract Closeout*, and Section 01780, *Project Record Documents*.

- A. As per Subsection 9.3.3 of Document 00700, the minimum correction period for all Work is one (1) year after the date of Final Acceptance. Refer also to Subsection 9.3.4 of Document 00700 and Article 1.20 F of this Section.
- B. As per the Technical Specifications, specific materials, equipment, or installations may have special warranties that exceed the terms of those stated in Section 9.3 of Document 00700.

**1.23 PROJECT ADDRESS**

For permitting and other purposes, the address associated with this project is 2151 W 14<sup>th</sup> Street, Oakland, CA 94607

**1.24 (NOT USED)**

**PART 2 - PRODUCTS**

**2.01 CONTRACTOR-FURNISHED PRODUCTS**

Unless otherwise stated, as per Subsection 9.1.1 of Document 00700, Contractor-supplied manufactured products must be new, and the Contractor must be able to produce an original bill of sale for any product so to provide proof that the product is authentic and new, and other proof to prove that the product is not re-conditioned for sale as new.

**PART 3 - EXECUTION**

**Not applicable to this section.**

**END OF SECTION**

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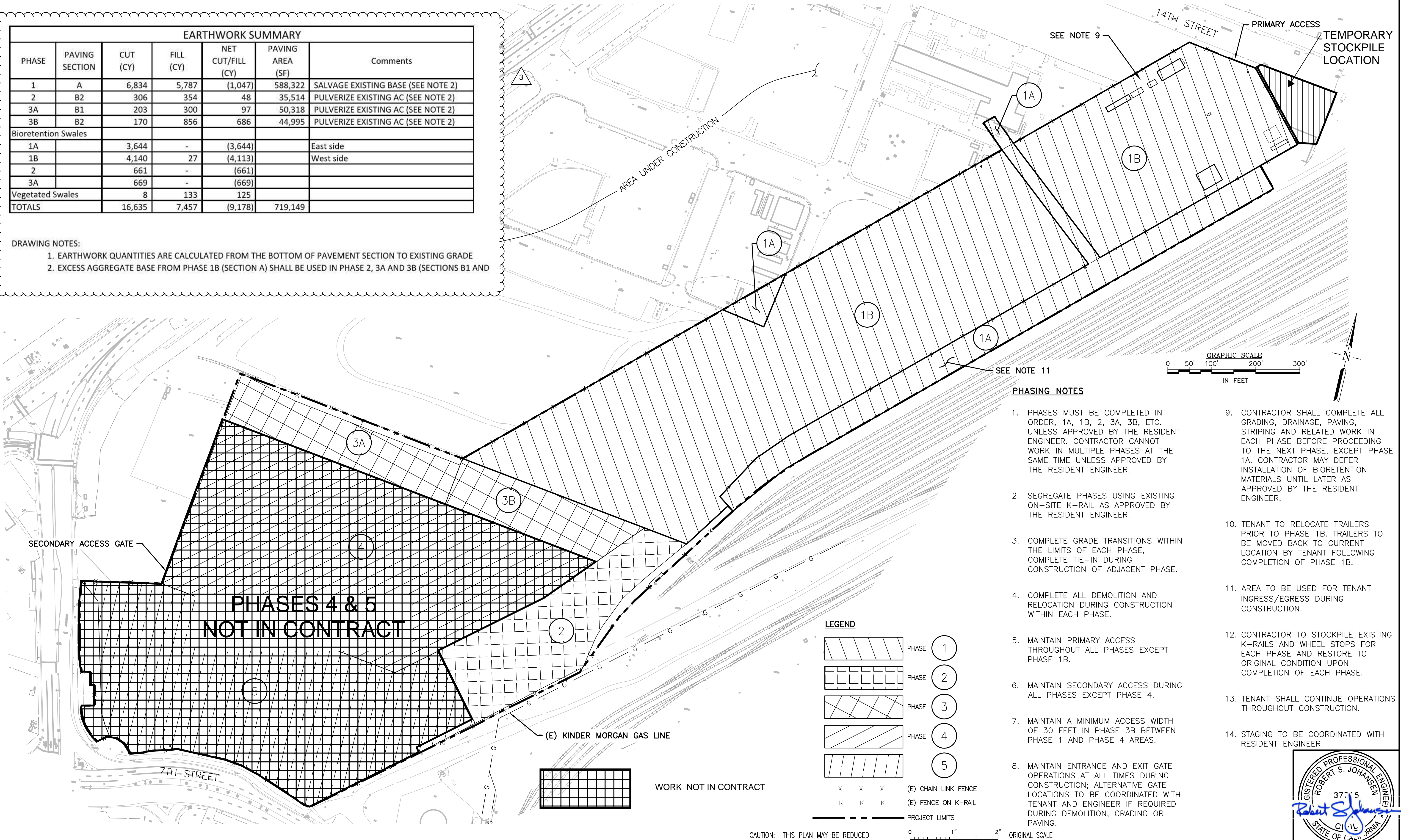


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EARTHWORK SUMMARY						
PHASE	PAVING SECTION	CUT (CY)	FILL (CY)	NET CUT/FILL (CY)	PAVING AREA (SF)	Comments
1	A	6,834	5,787	(1,047)	588,322	SALVAGE EXISTING BASE (SEE NOTE 2)
2	B2	306	354	48	35,514	PULVERIZE EXISTING AC (SEE NOTE 2)
3A	B1	203	300	97	50,318	PULVERIZE EXISTING AC (SEE NOTE 2)
3B	B2	170	856	686	44,995	PULVERIZE EXISTING AC (SEE NOTE 2)
Bioretention Swales						
1A		3,644	-	(3,644)		East side
1B		4,140	27	(4,113)		West side
2		661	-	(661)		
3A		669	-	(669)		
Vegetated Swales						
		8	133	125		
TOTALS		16,635	7,457	(9,178)	719,149	

DRAWING NOTES:

- EARTHWORK QUANTITIES ARE CALCULATED FROM THE BOTTOM OF PAVEMENT SECTION TO EXISTING GRADE
- EXCESS AGGREGATE BASE FROM PHASE 1B (SECTION A) SHALL BE USED IN PHASE 2, 3A AND 3B (SECTIONS B1 AND



CAUTION: CHECK TRACING FOR LATEST REVISIONS

NO.	REVISIONS	DATE	REV'D	APP'D
2	NOT USED			
3	REVISIONS PER ADDENDUM #3	6/23/20	CB	TV

DRAWN M. SOPER  
DESIGNED J. REED 38230 (WA)  
CHECKED R. JOHANSEN C37715  
REG. ENGINEER NO. REG. ENGINEER NO.

**PORT OF OAKLAND**  
530 WATER ST. OAKLAND, CALIFORNIA

**WSP**  
1221 BROADWAY  
SUITE 800  
OAKLAND, CA 94612  
PHONE: 510-285-3320

14TH STREET, OAKLAND CALIFORNIA  
OUTER HARBOR INTERMODAL TERMINAL - PHASE 2  
INTERIM USE YARD PAVING  
PHASING PLAN

DATE: 5/13/2020  
SCALE: 1"=100'  
SHEET: 7 OF 37 SHEETS  
PH1 AA-4279



# 4279-Addendum 3

Final Audit Report

2020-06-23

Created:	2020-06-23
By:	Port of Oakland Engineering Services (engrservices@portoakland.com)
Status:	Signed
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Signed document emailed to cbriana@portoakland.com, Bill Russell (brussell@portoakland.com), Sy Segura (ssegura@portoakland.com), Angela Brisco (abrisco@portoakland.com), and 5 more

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