STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1
FOR
NIMITZ HIGHWAY AND ALA MOANA BOULEVARD RESURFACING AND HIGHWAY LIGHTING REPLACEMENT
FORT STREET TO KALAKAUA AVENUE
FEDERAL-AID PROJECT NO. NH-092-1(27)
DISTRICT OF HONOLULU
ISLAND OF OAHU
FY 2009

Amend the Bid Documents as follows:

A. SPECIAL PROVISIONS

1. Replace page 107-1a dated r2/27/09 with the attached page 107-1a dated r1/19/10

2. Replace pages 212-1a to 212-3a dated r2/27/09 with the attached pages 212-1a to 212-2a dated r2/01/10.

3. The attached Section 401 – Hot Mix Asphalt (HMA) Pavement shall be incorporated and made a part of the Special Provision.

4. Replace page 621-16a dated 5/05/09 with the attached page 621-16a dated r2/17/10

5. Revise Subsection **645.03 Construction (F) Lane Closures**:
Amend the fourth and fifth paragraphs to read as follows:

"No lane closure or shoulder/sidewalk work would be allowed within the above area from October 1, 2011 to November 30, 2011.

All contract work within the above area, including roadway resurfacing, utility relocation, highway lighting upgrade, median barrier reconstruction, traffic signal retrofit, sidewalk repair, signing and striping, and the Ala Wai Canal Bridge retrofit work, shall be completed on or before September 30, 2011.

Remove all safety fencing, barricades and temporary sidewalk detours, and open sidewalks to unrestricted pedestrian access. Keep lanes open to traffic and allow flow at normal posted speed limit at all times.

Should any roadway and sidewalk repair work not completed by September 30, 2011, the Contractor, as directed by the Engineer, shall

make temporary repairs to allow unrestricted vehicular and pedestrian access from October 1, 2011 to November 30, 2011. The Contractor shall construct, maintain, and remove all temporary repairs at no increase in contract price or contract time."

6. Replace the Federal Wage Rates dated November 27, 2009 with the attached Federal Wage Rates dated January 8, 2010.

B. PROPOSAL SCHEDULE

1. Replace sheet P-1 dated 12/07/09 with the attached page P-1 dated r2/10/2010.

2. Replace pages P- 8 to P-25, P-36 and P-37 dated 12/15/2009, and P-26 to P-35 dated 12/18/2009 with the attached pages P- 8 to P- 37 dated r2/10/2010.

C. PLANS

1. The following plan sheets were revised with approved signature from the Chief/Director of City and County of Honolulu for work within City Right Of Way only and respective Utility companies:

   i) Plan Sheet No. 1 - Director, Department of Planning and Permitting

   ii) Plan Sheet No. 4 – Chief, Traffic Review Branch, DPP

   iii) Plan Sheet No. 13
   – Chief, Wastewater Branch, DPP
   - Chief, Civil Engineering Branch, DPP

   iv) Plan Sheet No. 86, 128, 129, 178, 266
   – Chief, Wastewater Branch, DPP

   v) Plan Sheet No. 89 – Chief, Mechanical/Electrical Division, Department of Design and Construction, City and County of Honolulu
   - Chief, Traffic Review Branch, DPP
   - Chief, Traffic Signals & Technology Division DTS (DTS)

vi) Plan Sheet No. 92, 94, 96, 97, 101, 109, 110, 111, 114, 115, 126, 127

- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

vii) Plan Sheet No. 99 -

- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch, DPP

viii) Plan Sheet No. 172 to 174, 176

- Chief, Mechanical/Electrical Division, Department of Design and Construction, City and County of Honolulu
- Chief, Traffic Review Branch, DPP

ix) Plan Sheet No. 179 to 181, 217, 246, 254, 255

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)

x) Plan Sheet No. 182, 184, 185

- Hawaiian Electric (HECO)
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

xi) Plan Sheet No. 183, 186, 187, 267 – 272, 275, 277

- Hawaiian Electric (HECO)
- Chief, Wastewater Branch, DPP

xii) Plan Sheet No. 190

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Civil Engineering Branch, DPP

xiii) Plan Sheet No. 191, 193 – 195, 197, 198,

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

xiv) Plan Sheet No. 192, 196

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Wastewater Branch, DPP

xv) Plan Sheet No. 199, 200, 202, 203, 205

- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Wastewater Branch, DPP

xvi) Plan Sheet No. 201

- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Civil Engineering Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

xvii) Plan Sheet No. 207

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Mechanical/Electrical Division, Department of Design and Construction, City and County of Honolulu

xviii) Plan Sheet No. 213 -Chief, Civil Engineering Branch, DPP

xix) Plan Sheet No. 216, 227

- Hawaiian Electric (HECO)
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

xx) Plan Sheet No. 218

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Civil Engineering Branch, DPP

xxi) Plan Sheet No. 219

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Civil Engineering Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

xxii) Plan Sheet No. 220

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)
- Chief, Civil Engineering Branch, DPP
- Chief, Wastewater Branch, DPP

xxiii) Plan Sheet No. 221

- Hawaiian Electric (HECO)
- Chief, Civil Engineering Branch, DPP

xxiv) Plan Sheet No. 222, 224 – 226, 228 – 234, 250, 252, 253

- Hawaiian Electric (HECO)

xxv) Plan Sheet No. 223, 247, 258 – 260, 263

- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)

xxvi) Plan Sheet No. 235 – 242, 257

- Hawaiian Telcom (HTCO)

xxvii) Plan Sheet No. 243, 248, 249, 251,

- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)

xxviii) Plan Sheet No. 244

- Hawaiian Electric (HECO)
- Oceanic Time Warner Cable (OTWC)

xxiv) Plan Sheet No. 256, 261, 262, 264

- Oceanic Time Warner Cable (OTWC)

xxx) Plan Sheet No. 278 – 280, 283, 290, 291, 293 - 295

- Hawaiian Telcom (HTCO)
- Chief, Wastewater Branch, DPP

xxxi) Plan Sheet No. 284 – 287, 296 - 301

- Oceanic Time Warner Cable (OTWC)
- Chief, Wastewater Branch, DPP

xxxii) Plan Sheet No. 292

- Hawaiian Telcom (HTCO)
- Chief, Wastewater Branch, DPP
- Chief, Civil Engineering Branch, DPP

xxxiii) Plan Sheet No. 302

- Oceanic Time Warner Cable (OTWC)

- Chief, Wastewater Branch, DPP

- Chief, Civil Engineering Branch, DPP

2. Revise Plan Sheet No. 15 by amending the pavement design for typical section of Ala Wai Canal Bridge (Baseline Station 65+96.25± to Baseline Station 67+62.94±) to read "1 ½" HMA Pavement Mix No. V."

3. Revise Plan Sheet No. 27 by amending the following:

   i) Amend notes for reconstruction of Type 6 AC curb (Baseline Station 40+45± to Baseline Station 56+80±, median) to read as follows:
   "Reconstruct Type 6 AC Curb. Existing Concrete Curb may exist underneath existing AC Curb. Demolition and Disposal of existing concrete and AC curb shall be considered incidental to New Type 6 AC Curb."

   ii) Add Baseline Curve Data.

4. Revise Plan Sheet No. 28 by amending the following:

   i) Approved signature from Chief, Civil Engineering Branch (For work within City R/W only).

   ii) Amend AC Pavement Reconstruction area on the right lane, makai side of Ala Moana Boulevard by reconstructing the entire right lane (Baseline Station 46+00 to Baseline Station 58+00) with a dimension of 12' by 1,200' areas and deleting the areas with dimension of 10' by 7' and 80' by 7'.

5. Revise Plan Sheet No. 39 to 42 by amending the scale to read "1"=10'."

6. Revise Plan Sheet No. 43 by amending the following:

   i) Revise Materials Note A to read as follows:
   "f'c = 4,000 psi unless otherwise specified."

   ii) Revise Materials Note L to read as follows:
   "A minimum of 7.5 lbs/CY of synthetic structural fiber (Forta Ferro or equal as approved by the Engineer) shall be added to the concrete mix for concrete used in Item No. 676.1000 Concrete Repair for Sidewalk on Bridge and for Item No. 676.2000 Concrete Repair for Walls."

7. Revise Plan Sheet No. 56 by amending note 1 to read as follows:
"Modified Median Barrier to be paid under Item No. 606.2000 Modified Median Barrier."

8. Revise Plan sheet No. 61 by amending the word "rick" on the base detail to read "rock."

9. Revise Plan Sheet No. 69 by amending the following:

   i) Add key callout (key #18: remove existing sign) to destination sign "Hawaii Maritime Center" and

   ii) Added city jurisdiction line to City's road.

10. Revise Plan Sheet No. 70 by amending the following:

   i) Add key callout (key #18: remove existing sign) to destination sign "Hawaii Maritime Center"

   ii) Add labels (e.g., sign codes and sizes) to "no parking sign/tow away/chevron" sign assembly near Forrest Avenue and

   iii) Added city jurisdiction line to City's road

11. Revise Plan Sheet No. 71 and 72 by adding city jurisdiction line on city's road.

12. Revise Plan Sheet No. 74 by amending the following:

   i) Approved signature from Chief, Traffic Review Branch, DPP
   ii) Added City Jurisdiction line to City's road.

13. Revise Plan Sheet No. 88 by amending the following:

   i) Revised EQUIPMENT SCHEDULE by deleting 'Type "19" x 28" Street Light Pullbox (City and County) and description' and replace with 'Type "A" Street Light Pullbox (City and County) and description.'

   Description to read as 'Type "A" (Metric) Precast Concrete Pullbox with "Non-Skid", Polymer concrete Cover, Provided in Accordance with Sheet E-92.'

   ii) Add note 9 to "DEMOLITION/RELOCATION NOTES" to read as follows:

   "For Removal of Exist. Highway Light Standards Between Coral Street and Ward Avenue, on the Makai Side, the Contractor is Permitted to Use Hand Busters Only. Use of Hoe Ram is Prohibited. The Contractor Shall Take Special Precaution Not to Disturb the Existing 36-Inch Diameter Concrete Sewer Line, Which Was Installed in 1900 and is in Poor Structural Condition.

Disturbance such as Creating Ground Vibration or Adding Equipment Should be Avoided during Construction. Any Damage to the Sewer Line Shall be Repaired by the Contractor at His Expense, Using a Repair Method Approved by the City."

14. Revise Plan Sheet No. 98 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch

ii) Added Right-of-Way line at Punchbowl St/Ala Moana Blvd Intersection.

iii) Revised Signal Head Schedule. "RYAGA traffic signal heads should be provided in lieu of RYAGA traffic signal heads. For example, signal heads A-1 and B-1 should have red arrow, yellow arrow, green arrow."

15. Revised Plan Sheet No. 100 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch

ii) Revised Signal Head Schedule. "RAYAGA traffic signal heads should be provided in lieu of RYGA traffic signal heads. For example, signal head S1-1 should have red arrow, yellow arrow, green arrow."

16. Revised Plan Sheet No. 105 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

ii) Revised Note 8 to read as follows:
"Remove Exst 1-Type 3 Cable in Exst Conduit."

iii) Revised Signal Head Schedule. "RAYAGA traffic signal heads

should be provided in lieu of RYAGA traffic signal heads. For example, signal head S1-1 should have red arrow, yellow arrow, green arrow."

iv) Revised "KOULA STREET (PRIVATE)" callout to read as follow: "KOULA STREET (PRIVATE), (CITY MAINTAINED)."

17. Revised Plan Sheet No. 108 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

ii) Revised Note 7, to read as follows:
"Remove Exst Type 3 (12 Pr) Cable and Provide 1-Type 3 (12 Pr) Cable in Exst Conduit."

18. Revised Plan Sheet No. 112 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch

ii) Added Right-of-Way line at Kamakee St/Ala Moana Blvd Intersection.

19. Revised Plan Sheet No. 113 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)

ii) Revised Note 3 to read as follows:
"Remove Exst 1-Type 3 Cable and Provide 1-Type 3 Cable in Exst Conduit."

iii) Revised Signal Head Schedule. "RAYAGA traffic signal heads should be provided in lieu of RYAGA traffic signal heads. For example, signal head S1-3 should have red arrow, yellow arrow, green arrow."

20. Revised Plan Sheet No. 116 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch

ii) Added Right-of-Way line at Queen St/Ala Moana Blvd Intersection.

21. Revised Plan Sheet No. 124 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch

ii) Added Right-of-Way line at Atkinson Dr/Ala Moana Blvd Intersection.

iii) Revised note 2 to read as follows:
"Saw Cut Exst A.C. Pavement and Demolish Exst Pavement Prior to Trench Excavation. Repair Pavement Structure, See Sheet E-47 (State) and Sheet E-86 (City)."

22. Revised Plan Sheet No. 131 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch

ii) Revised Note 1 to read as follows:

"Remove Exst Type 3 (12 Pr) Cable and Provide 1-Type 3 (12 Pr) Cable in Exst Conduit."

23. Revised Plan Sheet No. 175 by amending the following:

i) Approved signature from:
- Chief, Traffic Review Branch, DPP
- Chief, Mechanical/Electrical Division, Department of Design and Construction,

ii) Revised Street Lighting Note 2. Note 2 should not be crossed out and it should read as follows:
"Contractor shall be Responsible for Coordinating All Work with HECO."

24. Revised Plan Sheet No. 188 by amending as follows:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch
- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)

ii) Added Right-of-Way line at Cooke St/Ala Moana Blvd Intersection

25. Revised Plan Sheet No. 189 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch
- Hawaiian Electric (HECO)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)

ii) Revised Note 9 to read as follows:
"Saw Cut Exst Conc Curb at Scorelines and Demolish Exst Curb Prior to Trench Excavation. Construct Type 2D Curb. In C&C R/W, Construct Conc Curb per C&C Stds."

iii) Revised Note 13 to read as follows:
"Saw Cut Exst Conc Curb and Gutter at Scorelines and Demolish Exst Curb and Gutter Prior to Trench Excavation. Construct Type 2DG Curb and Gutter. In C&C R/W, Construct Conc Curb and Gutter per C&C Stds."

iv) Revised "KOULA STREET (PRIVATE)" callout to read as follows:

"KOULA STREET (PRIVATE) (CITY MAINTAINED)"

26. Revised Plan Sheet No. 204 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)

ii) Added Right-of-Way line at Ena Rd/Ala Moana Blvd Intersection.

27. Revised Plan Sheet No. 206 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch
- Hawaiian Telcom (HTCO)
- Oceanic Time Warner Cable (OTWC)

ii) Added Right-of-Way line at Kalakaua Ave/Ala Moana Blvd Intersection.

28. Revised Plan Sheet No. 215 by amending the following:

i) Approved signature from:
- Chief, Traffic Review Branch, DPP
- Chief, Traffic Signals & Technology Division DTS (DTS)
- Chief, Civil Engineering Branch
- Hawaiian Electric (HECO)

ii) Identified/added city street name callout in detail C/U-38 to read as: "HOBRON LANE (CITY)"

29. Revised Plan Sheet No. 274 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Hawaiian Electric (HECO)

ii) Identified/added "Koula Street" callout under "City R/W" callout in Profile BC

30. Revised Plan Sheet No. 276 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Hawaiian Electric (HECO)

ii) Identified/added "Ala Moana Beach Park" callout under "City R/W" callout in Profile BK.

31. Revised Plan Sheet No. 281 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Civil Engineering Branch
- Hawaiian Telcom (HTCO)

ii) Identified/added "Ohe Street" callout under "City R/W" callout in Profile BA.

iii) Identified/added "Koula Street" callout under "Private" callout in Profile BB.

iv) Identified/added "Koula Street" callout under "City R/W" callout in Profile BC.

32. Revised Plan Sheet No. 282 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Civil Engineering Branch
- Hawaiian Telcom (HTCO)

ii) Identified/added "Ahui Street" callout under "City R/W" callout in Profile BE

33. Revised Plan Sheet No. 288 by amending the following:

i) Approved signature from:
- Chief, Wastewater Branch, DPP
- Chief, Civil Engineering Branch
- Oceanic Time Warner Cable (OTWC)

ii) Identified/added "Ahui Street" callout under "City R/W" callout in Profile B

34. Replace Plan Sheet Nos. 16, 64, 73, 87, 93, 102 to104, 106, 107, 117 – 123, 125, 130, 171, 177, 208, 210, and 214 with attached ADD16, ADD 64, ADD 73, ADD 87, ADD 93, ADD 102 to ADD 104, ADD 106, ADD 107, ADD 117 to ADD 123, ADD 125, ADD 130, ADD 171, ADD 177, ADD 208, ADD 210, and ADD 214.

35. The attached Plan Sheet No. ADD. 22S-1 and ADD. 22S-2 shall be incorporated and made a part of the Plans.

D. PRE-BID MEETING

Pre-bid Meeting Minutes and attendance sheet are attached for your information.

Please acknowledge receipt of this Addendum No. 1 by recording the date of its receipt in the space provided on page P-4 of the proposal.

BRENNON T. MORIOKA
Director of Transportation

SECTION 107 - LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC

Make the following amendments to said Section:

(I) Amend **107.01(B)(1) – Commercial General Liability (Occurrence form)** from lines 61 to 65 to read as follows:

"**(c)** Bodily Injury & Property Damage Insurance.

The State of Hawaii, Hawaiian Electric, City and County of Honolulu and the Associated of Pomaikai condominium, its officers and employees, shall be as additional insureds under these coverages."

(II) Amend **107.01(B)(2) – Comprehensive** from lines 71 to 72 to read as follows:

"The State of Hawaii, Hawaiian Electric, City and County of Honolulu and the Associated of Pomaikai condominium, its officers and employees, shall be as additional insureds under these coverages."

(III) Amend **107.03 – Working Hours; Night Work** by adding the following after line 142.

"The State has applied for a Noise Variance for this project through the Department of Health according to 'Hawaii Administrative Rules Title 11, Chapter 11-46-8,' for the night work. Should the Department of Health modify, suspend or revoke the Noise Variance, the State will have the right to have part or all of the contract work done during the day. The Engineer and the contractor will negotiate compensation for doing such work during the day.

The Noise Variance application granted permission for the Contractor to work from:

Sundays	12:01 a.m. – Midnight
Mondays	12:01 a.m. – 7:00 a.m.
Monday night through Friday morning	12:01 a.m. – 7:00 a.m.
Friday night through Saturday morning	6:01 p.m. – 9:00 a.m.
Saturdays	6:01 p.m. – midnight

subject to the following conditions during the variance hours:

The following Section shall be made part of the Standard Specifications:

"SECTION 212 - ARCHAEOLOGICAL MONITORING

212.01 Description. This work includes monitoring construction activity for archaeological items as specified in the plans or as directed by the Engineer. The project area is adjacent to several properties listed on the State and National Register of Historic Places. The project corridor also passes through several areas of Honolulu that have been demonstrated, by various reports on file at the State Historic Preservation Division (SHPD), to contain historically significant subsurface deposits, including human remains and/or burials. Ground-altering activities associated with this project, such as trenching for conduit and drilled shafts for traffic signal foundations may have an effect on historic sites which may be present. Any adverse affects may be mitigated through archaeological monitoring. The Contractor shall be responsible for the incidental procedures and equipment required for full compliance with the requirements of the provisions for archaeological monitoring as outlined below.

The Contractor's attention is directed to the following requirements related to the archaeological monitoring work:

(a) Pre-Construction Conference: A pre-construction conference between the archaeological monitor retained by contractor and the construction crew shall be required. Before work begins on the project, the archaeologist shall meet with the entire construction crew and explain what archaeological materials may be encountered and the procedures to be followed if materials are encountered.

(b) Prosecution Of Work: If cultural deposits or human skeletal remains are encountered during ground disturbing activities, the Contractor shall immediately suspend the operation and follow all of the requirements of this section.

(c) A qualified archaeological monitor shall be present during all ground-altering activities conducted in the project area in order to document any historic properties which may be encountered during the proposed undertaking and to provide mitigation measures as necessary. Prior to commencement of any ground-altering activities, the Contractor shall submit an archaeological monitoring plan to SHPD for review and approval. An archaeological monitoring plan must contain the following nine specifications: (1) The kinds of remains that are anticipated and where in the construction area the remains are likely to be found; (2) How the remains and deposits will be documented; (3) How the expected types of remains will be treated; (4) The archaeologist conducting the monitoring has the authority to halt the construction in the immediate area of the find in

order to carry out the plan; (5) A coordination meeting between the archaeologist and construction crew is scheduled, so that the construction team is aware of the plan; (6) What laboratory work will be conducted on remains that are collected; (7) A schedule of report preparation; (8) Details concerning the archiving of any collections that are made; and (9) An acceptable report documenting the findings of the monitoring activities shall be submitted to the SHPD for review following completion of the proposed undertaking.

(d) The SHPD (O'ahu office) shall be notified via facsimile upon the on-set and completion of the proposed undertaking.

212.02 Materials, None Specified.

212.03 Construction Requirements. All excavation activity for trenching for conduit and drilling for foundations shall be monitored for historic remains such as artifacts, burials, concentrations of shell or charcoal. Whenever the Contractor encounters possible archaeological, historical or burial site findings, the contractor shall immediately suspend the operation and inform the Engineer verbally and follow up with a written letter. The Engineer will contact the Department of Land and Natural Resources (DLNR) and other agencies to evaluate such findings and decide the course of action.

The Contractor shall not resume operations suspended without the prior written acceptance of the Engineer. The Contractor shall not count delays resulting from the discovery, investigation, and handling of such findings against the completion date. The Engineer will govern suspensions of work according to Subsection 108.06 –Delays for Suspension of Work. Also, the Contractor shall conform to Chapter 6E, Hawaii Revised Statutes (H.R.S.).

Failure or refusal to comply with the terms of this Section or Chapter 6E, HRS, may subject the Contractor to the penalties described in Section 6E-11, HRS:

(1) a fine of not more than ten thousand ($10,000) dollars for each separate offense,

(2) seizure and disposition of equipment, and

(3) if the Contractor knowingly fails or refuses to comply, a prohibition from participating in the construction of State or County projects for ten (10) years.

Construction work and equipment shall remain within the right-of-way limits of this project.

The Archaeological Monitor will decide the limits of the site. Also, the Archaeological Monitor will decide, with the Engineer, the best means for protecting

the site from further disturbances which requires further investigation or salvage as determined by the State Historical Preservation Officer (SHPO). Protection may include barricades, roping off, temporary fencing or other means.

212.04 Method of Measurement. The Engineer will measure Archaeological Monitoring on a force account basis according to Subsection 109.04 - Force Account Provisions and Compensation and as ordered by the Engineer.

212.05 Basis of Payment. The Engineer will pay for the accepted Archaeological Monitoring on a force account basis according to Subsection 109.04 – Force Account Provisions and Compensation. Payment will be full compensation for the work prescribed in this Section, by the Engineer and Subsection 109.02 - Full Compensation; Changes.

The Engineer will make pay for the following item when included in the proposal schedule:

Pay Item	**Pay Unit**
Archaeological Mitigation	Force Account

An estimated amount for the force account is allocated in the proposal schedule under Archaeological Mitigation. The actual amount to be paid will be the sum shown on the accepted force account records whether this sum be more or less than the estimated amount allocated in the proposal schedule.

The Engineer will not pay for work required that is due to the Contractor's convenience, negligence, carelessness or failure to properly monitor excavation activity."

END OF SECTION

SECTION 401 – HOT MIX ASPHALT (HMA) PAVEMENT

Make the following amendments to said Sections:

(l) Amend **Section 401.03(B)(3) Asphalt Pavers**, from line 200 to include the following:

"**(h)** Equipped with a mean of preventing the segregation of the coarse aggregate particles from the remainder of the bituminous plant mix when that mix is carried from the paver hopper back to the paver augers. The means and methods used shall be approved by the paver manufacturer and may consist of chain curtains, deflector plates, or other such devices and any combination of these.

The following specific requirements shall apply to the identified bituminous pavers:

(1) Blaw-Knox bituminous pavers shall be equipped with the Blaw-Knox Materials Management Kit (MMK).

(2) Cedarapids bituminous pavers shall be those that were manufactured in 1989 or later.

(3) Barber-Green/Caterpillar bituminous pavers shall be equipped with deflector plates as identified in the December 2000 Service Magazine entitled "New Asphalt Deflector Kit {6630, 6631, 6640}".

Prior to the start of using the paver for placing plant mix, the Contractor shall submit for approval a full description in writing of the means and methodologies that will be used to prevent bituminous paver segregation. Use of the paver shall not commence prior to receiving approval from the Engineer.

The Contractor shall supply a Certificate of Compliance that verifies that the approved means and methods used to prevent bituminous paver segregation have been implemented on all pavers used on the project and is working in accordance with the manufacturer's requirements."

(II) Amend **Section 401.03(F)(1) HMA Pavement Courses One and a Half Inches Thick Or Greater**, from line 499 to 505 to read as follows:

> "**(1) HMA Pavement Courses One and a Half Inches Thick Or Greater.** Where HMA pavement compacted thickness indicated in the contract documents is 1-1/2 inches or greater, compact to not less than 92.0 percent nor greater than 97.0 percent of the maximum specific gravity determined in accordance with AASHTO T 209, modified by deletion of Supplemental Procedure for Mixtures Containing Porous Aggregate."

(III) Amend **Section 401.03(F)(3) HMA Pavement Courses One and a Half Inches Thick or Greater In Special Areas Not Designated For Vehicular Traffic**, from line 530 to 538 to read as follows:

> "**(3) HMA Pavement Courses One and a Half Inches Thick or Greater In Special Areas Not Designated For Vehicular Traffic.** For areas such as bikeways that are not part of roadway and other areas not subjected to vehicular traffic, compact to not less that 90.0 percent of maximum specific gravity determined in accordance with AASHTO T 209, modified by deletion of Supplemental Procedure for Mixtures Containing Porous Aggregate. Increase asphalt content by at least 0.5 percent above that used for HMA pavements designed for vehicular traffic."

(IV) Amend **Section 401.04 Measurement**, from line 597 to 603 to read as follows:

"**401.04 Measurement.**

(A) Asphalt concrete pavement will be paid on a lump sum basis. Measurement for payment will not apply.

(B) The Engineer will measure asphalt concrete pavement per ton in accordance with the contract documents.

(C) The Engineer will measure leveling course per ton in accordance with the contract documents."

(V) Amend **Section 401.05 Payment**, from line 605 to 635, to read as follows:

"**401.05 Payment.** The Engineer will pay for the accepted pay items listed below at the contract price per pay unit, as shown in the proposal schedule.

Payment will be full compensation for the work prescribed in this section and the contract documents.

The Engineer will pay for the following pay items when included in the proposal schedule:

Pay Item		Pay Unit
(A)	HMA Pavement, Mix No. _____	Lump Sum

(1) 80% of the contract unit price upon completion of submitting a job-mix formula acceptable to the Engineer; preparing the surface, spreading, and finishing the mixture; and compacting the mixture;

(2) 20% of the contract unit price upon completion of cutting samples from the compacted pavement for testing; placing and compacting the sampled area with new material conforming to the surrounding area; protecting the pavement; and final analysis.

(C)	Leveling Course	Ton

(1) 80% of the contract unit price upon completion of submitting a job-mix formula acceptable to the Engineer; preparing the surface, spreading, and finishing the mixture; and compacting the mixture;

(2) 20% of the contract unit price upon completion of cutting samples from the compacted pavement for testing; placing and compacting the sampled area with new material conforming to the surrounding area; protecting the pavement; and final analysis.

The Engineer will pay for cold planing in accordance with and under Section 415 – Cold Planing of Existing Pavement.

The Engineer will pay for adjusting existing frames and covers and valve boxes in accordance with and under Section 604 – Manholes, Inlets and Catch Basins and Section 626 – Manholes and Valve Boxes for Water and Sewer Systems."

END OF SECTION 401

The Engineer will pay for:

(1) 10 percent of the contract bid price upon completion of submitting the equipment list and drawing.

(2) 80 percent of the contract bid price upon completion of furnishing and installing the pullbox, handhole and manhole.

(3) 10 percent of the contract bid price upon completion of restoring the pavement.

The Engineer will pay for the accepted highway lighting, and traffic signal ductline under Section 622 – Roadway Lighting System.

The Engineer will not pay for trench excavation and backfill, excavation for manholes/handholes/pullboxes, saw cutting and demolishing/repairing of existing concrete sidewalk, concrete driveway, concrete curb ramp, and curb or gutter as a result of ductline installation, conduit stub-outs, conduit stub-out markers, steel reinforcement for ductlines and duct sealing of conduits separately. The Engineer will consider the cost as included in the contract prices to the various contract items. The cost is for the work prescribed in this section and the contract documents.

The Engineer will not pay for additional materials and labor not specifically shown or called for in the contract documents but are necessary to complete the work."

END OF SECTION 621

GENERAL DECISION: HI20080001 01/08/2010 HI1

Date: January 8, 2010
General Decision Number: HI20080001 01/08/2010

Superseded General Decision Number: HI20070001

State: Hawaii

Construction Types: Building, Heavy (Heavy and Dredging), Highway and Residential

Counties: Hawaii Statewide.

BUILDING CONSTRUCTION PROJECTS; RESIDENTIAL CONSTRUCTION PROJECTS (consisting of single family homes and apartments up to and including 4 stories); HEAVY AND HIGHWAY CONSTRUCTION PROJECTS AND DREDGING

Modification Number	Publication Date
0	02/08/2008
1	02/15/2008
2	02/22/2008
3	02/29/2008
4	03/07/2008
5	04/18/2008
6	05/30/2008
7	06/20/2008
8	07/04/2008
9	07/11/2008
10	07/18/2008
11	07/25/2008
12	08/01/2008
13	09/05/2008
14	09/12/2008
15	09/19/2008
16	10/03/2008
17	10/31/2008
18	01/09/2009
19	02/06/2009
20	02/13/2009
21	02/27/2009
22	03/06/2009
23	04/24/2009
24	07/03/2009
25	07/10/2009
26	08/21/2009
27	09/04/2009
28	09/11/2009
29	09/25/2009
30	10/23/2009
31	11/06/2009
32	11/13/2009
33	11/27/2009
34	01/08/2010

ASBE0132-001 08/30/2009

	Rates	Fringes
Asbestos Workers/Insulator		
Includes application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems. Also the application of firestopping material for wall openings and penetrations in walls, floors, ceilings and curtain walls	$ 35.60	21.69

BOIL0627-005 10/01/2008

	Rates	Fringes
BOILERMAKERS	$ 31.00	22.10

BRHI0001-001 08/31/2009

	Rates	Fringes
BRICKLAYER		
Bricklayers and Stonemasons	$ 36.20	16.77
Pointers, Caulkers and Weatherproofers	$ 36.45	16.77

BRHI0001-002 08/31/2009

	Rates	Fringes
Tile, Marble & Terrazzo Worker		
Terrazzo Base Grinders	$ 34.64	16.77
Terrazzo Floor Grinders and Tenders	$ 33.09	16.77
Tile, Marble and Terrazzo Workers	$ 36.45	16.77

CARP0745-001 08/31/2009

	Rates	Fringes
Carpenters:		
Carpenters; Hardwood Floor Layers; Patent Scaffold Erectors (14 ft. and over); Piledrivers; Pneumatic Nailers; Wood Shinglers and Transit and/or Layout Man	$ 36.20	19.22
Millwrights and Machine Erectors	$ 36.45	19.22

Power Saw Operators (2 h.p. and over)	$ 36.35	19.22

CARP0745-002 08/31/2009

	Rates	Fringes
Drywall and Acoustical Workers and Lathers	$ 36.45	19.22

ELEC1186-001 03/01/2009

	Rates	Fringes
Electricians:		
Cable Splicers	$ 42.68	30.6%+11.65
Electricians	$ 38.80	30.6%+11.65
Technicians	$ 39.96	30.6%+11.65

ELEC1186-002 08/23/2009

	Rates	Fringes
Line Construction:		
Cable Splicers	$ 42.68	3%+15.82
Groundmen/Truck Drivers	$ 29.10	3%+16.70
Heavy Equipment Operators	$ 34.92	3%+17.61
Linemen	$ 38.80	3%+18.21
Technicians	$ 39.96	30.6%+11.65

* ELEV0126-001 01/01/2010

	Rates	Fringes
ELEVATOR MECHANIC	$ 48.23	20.24

a. VACATION: Employer contributes 8% of basic hourly rate for 5 years service and 6% of basic hourly rate for 6 months to 5 years service as vacation pay credit.

b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day and Christmas Day.

ENGI0003-002 08/31/2009

	Rates	Fringes
Diver (Aqua Lung) (Scuba)		
Diver (Aqua Lung) (Scuba) (over a depth of 30 feet)	$ 56.80	22.83
Diver (Aqua Lung) (Scuba) (up to a depth of 30 feet)	$ 47.43	22.83
Stand-by Diver (Aqua Lung) (Scuba)	$ 38.05	22.83
Diver (Other than Aqua Lung)		
Diver (Other than Aqua		

Lung)	$ 56.80	22.83
Diver Tender (Other than Aqua Lung)	$ 35.02	22.83
Stand-by Diver (Other than Aqua Lung)	$ 38.05	22.83
Helicopter Work		
Airborne Hoist Operator for Helicopter	$ 36.60	22.83
Co-Pilot of Helicopter	$ 36.74	22.83
Pilot of Helicopter	$ 36.91	22.83
Power equipment operator - tunnel work		
GROUP 1	$ 33.04	22.83
GROUP 2	$ 33.15	22.83
GROUP 3	$ 33.32	22.83
GROUP 4	$ 33.59	22.83
GROUP 5	$ 33.90	22.83
GROUP 6	$ 34.55	22.83
GROUP 7	$ 34.87	22.83
GROUP 8	$ 34.98	22.83
GROUP 9	$ 35.09	22.83
GROUP 9A	$ 35.32	22.83
GROUP 10	$ 35.38	22.83
GROUP 10A	$ 35.53	22.83
GROUP 11	$ 35.68	22.83
GROUP 12	$ 36.04	22.83
GROUP 12A	$ 36.40	22.83
Power equipment operators:		
GROUP 1	$ 32.74	22.83
GROUP 2	$ 32.85	22.83
GROUP 3	$ 33.02	22.83
GROUP 4	$ 33.29	22.83
GROUP 5	$ 33.60	22.83
GROUP 6	$ 34.25	22.83
GROUP 7	$ 34.57	22.83
GROUP 8	$ 34.68	22.83
GROUP 9	$ 34.79	22.83
GROUP 9A	$ 35.02	22.83
GROUP 10	$ 35.08	22.83
GROUP 10A	$ 35.23	22.83
GROUP 11	$ 35.38	22.83
GROUP 12	$ 35.74	22.83
GROUP 12A	$ 36.10	22.83
GROUP 13	$ 33.02	22.83
GROUP 13A	$ 33.29	22.83
GROUP 13B	$ 33.60	22.83
GROUP 13C	$ 34.25	22.83
GROUP 13D	$ 34.57	22.83
GROUP 13E	$ 34.68	22.83

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Fork Lift (up to and including 10 tons); Partsman (heavy duty repair shop parts room when needed).

GROUP 2: Conveyor Operator (Handling building material); Hydraulic Monitor; Mixer Box Operator (Concrete Plant).

GROUP 3: Brakeman; Deckhand; Fireman; Oiler; Oiler/Gradechecker; Signalman; Switchman; Highline Cableway Signalman; Bargeman; Bunkerman; Concrete Curing Machine (self-propelled, automatically applied unit on streets, highways, airports and canals); Leveeman; Roller (5 tons and under); Tugger Hoist.

GROUP 4: Boom Truck or dual purpose "A" Frame Truck (5 tons or less); Concrete Placing Boom (Building Construction); Dinky Operator; Elevator Operator; Hoist and/or Winch (one drum); Straddle Truck (Ross Carrier, Hyster and similar).

GROUP 5: Asphalt Plant Fireman; Compressors, Pumps, Generators and Welding Machines ("Bank" of 9 or more, individually or collectively); Concrete Pumps or Pumpcrete Guns; Lubrication and Service Engineer (Grease Rack); Screedman.

GROUP 6: Boom Truck or Dual Purpose "A"Frame Truck (over 5 tons); Combination Loader/Backhoe (up to and including 3/4 cu. yd.); Concrete Batch Plants (wet or dry); Concrete Cutter, Groover and/or Grinder (self-propelled unit on streets, highways, airports, and canals); Conveyor or Concrete Pump (Truck or Equipment Mounted); Drilling Machinery (not to apply to waterliners, wagon drills or jack hammers); Fork Lift (over 10 tons); Loader (up to and including 3 and 1/2 cu. yds); Lull High Lift (under 40 feet); Lubrication and Service Engineer (Mobile); Maginnis Internal Full Slab Vibrator (on airports, highways, canals and warehouses); Man or Material Hoist; Mechanical Concrete Finisher (Large Clary, Johnson Bidwell, Bridge Deck and similar); Mobile Truck Crane Driver; Portable Shotblast Concrete Cleaning Machine; Portable Boring Machine (under streets, highways, etc.); Portable Crusher; Power Jumbo Operator (setting slip forms, etc., in tunnels); Rollers (over 5 tons); Self-propelled Compactor (single engine); Self-propelled Pavement Breaker; Skidsteer Loader with attachments; Slip Form Pumps (Power driven by hydraulic, electric, air, gas, etc., lifting device for concrete forms); Small Rubber Tired Tractors; Trencher (up to and including 6 feet); Underbridge Personnel Aerial Platform (50 feet of platform or less).

GROUP 7: Crusher Plant Engineer, Dozer (D-4, Case 450, John Deere 450, and similar); Dual Drum Mixer, Extend Lift; Hoist and/or Winch (2 drums); Loader (over 3 and 1/2 cu. yds. up to and including 6 yards.); Mechanical Finisher or Spreader Machine (asphalt), (Barber Greene and similar) (Screedman required); Mine or Shaft Hoist; Mobile Concrete Mixer (over 5 tons); Pipe Bending Machine (pipelines only); Pipe Cleaning Machine (tractor propelled and supported); Pipe Wrapping Machine (tractor propelled and supported); Roller Operator (Asphalt); Self-Propelled Elevating Grade Plane; Slusher Operator; Tractor (with boom) (D-6, or similar); Trencher (over 6 feet and less than 200 h.p.); Water Tanker (pulled by Euclids, T-Pulls, DW-10, 20 or 21,

or similar); Winchman (Stern Winch on Dredge).

GROUP 8: Asphalt Plant Operator; Barge Mate (Seagoing); Cast-in-Place Pipe Laying Machine; Concrete Batch Plant (multiple units); Conveyor Operator (tunnel); Deckmate; Dozer (D-6 and similar); Finishing Machine Operator (airports and highways); Gradesetter; Kolman Loader (and similar); Mucking Machine (Crawler-type); Mucking Machine (Conveyor-type); No-Joint Pipe Laying Machine; Portable Crushing and Screening Plant; Power Blade Operator (under 12); Saurman Type Dragline (up to and including 5 yds.); Stationary Pipe Wrapping, Cleaning and Bending Machine; Surface Heater and Planer Operator, Tractor (D-6 and similar); Tri-Batch Paver; Tunnel Badger; Tunnel Mole and/or Boring Machine Operator Underbridge Personnel Aerial Platform (over 50 feet of platform).

GROUP 9: Combination Mixer and Compressor (gunite); Do-Mor Loaderand Adams Elegrader; Dozer (D-7 or equal); Wheel and/or Ladder Trencher (over 6 feet and 200 to 749 h.p.).

GROUP 9A: Dozer (D-8 and similar); Gradesetter (when required by the Contractor to work from drawings, plans or specifications without the direct supervision of a foreman or superintendent); Push Cat; Scrapers (up to and including 20 cu. yds); Self-propelled Compactor with Dozer; Self-Propelled, Rubber-Tired Earthmoving Equipment (up to and including 20 cu. yds) (621 Band and similar); Sheep's Foot; Tractor (D-8 and similar); Tractors with boom (larger than D-6, and similar).

GROUP 10: Chicago Boom; Cold Planers; Heavy Duty Repairman or Welder; Hoist and/or Winch (3 drums); Hydraulic Skooper (Koehring and similar); Loader (over 6 cu. yds. up to and including 12 cu. yds.); Saurman type Dragline (over 5 cu. yds.); Self-propelled, rubber-tired Earthmoving Equipment (over 20 cu. yds. up to and including 31 cu. yds.) (637D and similar); Soil Stabilizer (P & H or equal); Sub-Grader (Gurries or other automatic type); Tractors (D-9 or equivalent, all attachments); Tractor (Tandem Scraper); Watch Engineer.

GROUP 10A: Boat Operator; Cable-operated Crawler Crane (up to and including 25 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (up to and including 1 cu. yd.); Dozer D9-L; Dozer (D-10, HD41 and similar) (all attachments); Gradall (up to and including 1 cu. yd.); Hydraulic Backhoe (over 3/4 cu. yds. up to and including 2 cu. yds.); Mobile Truck Crane Operator (up to and including 25 tons) (Mobile Truck Crane Driver Required); Self-propelled Boom Type Lifting Device (Center Mount) (up to and including 25 tons) (Grove, Drott, P&H, Pettibone and similar; Trencher (over 6 feet and 750 h.p. or more); Watch Engineer (steam or electric).

GROUP 11: Automatic Slip Form Paver (concrete or asphalt); Band Wagon (in conjunction with Wheel Excavator);

Cable-operated Crawler Cranes (over 25 tons but less than 50 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (over 1 cu. yd. up to 7 cu. yds.); Gradall (over 1 cu. yds. up to 7 cu. yds.); DW-10, 20, etc. (Tandem); Earthmoving Machines (multiple propulsion power units and 2 or more Scrapers) (up to and including 35 cu. yds.," struck" m.r.c.); Highline Cableway; Hydraulic Backhoe (over 2 cu. yds. up to and including 4 cu. yds.); Leverman; Lift Slab Machine; Loader (over 12 cu. yds); Master Boat Operator; Mobile Truck Crane Operator (over 25 tons but less than 50 tons); (Mobile Truck Crane Driver required); Pre-stress Wire Wrapping Machine; Self-propelled Boom-type Lifting Device (Center Mount) (over 25 tons m.r.c); Self-propelled Compactor (with multiple-propulsion power units); Single Engine Rubber Tired Earthmoving Machine (with Tandem Scraper); Tandem Cats; Trencher (pulling attached shield).

GROUP 12: Clamshell or Dipper Operator; Derricks; Drill Rigs; Multi-Propulsion Earthmoving Machines (2 or more Scrapers) (over 35 cu. yds "struck"m.r.c.); Operators (Derricks, Piledrivers and Cranes); Power Shovels and Draglines (7 cu. yds. m.r.c. and over); Self-propelled rubber-tired Earthmoving equipment (over 31 cu. yds.) (657B and similar); Wheel Excavator (up to and including 750 cu. yds. per hour); Wheel Excavator (over 750 cu. yds. per hour).

GROUP 12A: Dozer (D-11 or similar or larger); Hydraulic Excavators (over 4 cu. yds.); Lifting cranes (50 tons and over); Pioneering Dozer/Backhoe (initial clearing and excavation for the purpose of providing access for other equipment where the terrain worked involves 1-to-1 slopes that are 50 feet in height or depth, the scope of this work does not include normal clearing and grubbing on usual hilly terrain nor the excavation work once the access is provided); Power Blade Operator (Cat 12 or equivalent or over); Straddle Lifts (over 50 tons); Tower Crane, Mobile; Traveling Truss Cranes; Universal, Liebher, Linden, and similar types of Tower Cranes (in the erection, dismantling, and moving of equipment there shall be an additional Operating Engineer or Heavy Duty Repairman); Yo-Yo Cat or Dozer.

GROUP 13: Truck Driver (Utility, Flatbed, etc.)

GROUP 13A: Dump Truck, 8 cu.yds. and under (water level); Water Truck (up to and including 2,000 gallons).

GROUP 13B: Water Truck (over 2,000 gallons); Tandem Dump Truck, over 8 cu. yds. (water level).

GROUP 13C: Truck Driver (Semi-trailer. Rock Cans, Semi-Dump or Roll-Offs).

GROUP 13D: Truck Driver (Slip-In or Pup).

GROUP 13E: End Dumps, Unlicensed (Euclid, Mack, Caterpillar

or similar); Tractor Trailer (Hauling Equipment); Tandem Trucks hooked up to Trailer (Hauling Equipment)

BOOMS AND/OR LEADS (HOURLY PREMIUMS):

The Operator of a crane (under 50 tons) with a boom of 80 feet or more (including jib), or of a crane (under 50 tons) with leads of 100 feet or more, shall receive a per hour premium for each hour worked on said crane (under 50 tons) in accordance with the following schedule:

Booms of 80 feet up to but not including 130 feet or Leads of 100 feet up to but not including 130 feet	0.50
Booms and/or Leads of 130 feet up to but not including 180 feet	0.75
Booms and/or Leads of 180 feet up to and including 250 feet	1.15
Booms and/or Leads over 250 feet	1.50

The Operator of a crane (50 tons and over) with a boom of 180 feet or more (including jib) shall receive a per hour premium for each hour worked on said crane (50 tons and over) in accordance with the following schedule:

Booms of 180 feet up to and including 250 feet	1.25
Booms over 250 feet	1.75

ENGI0003-004 08/31/2009

	Rates	Fringes
Dredging: (Boat Operators)		
Boat Deckhand	$ 33.02	22.83
Boat Operator	$ 35.23	22.83
Master Boat Operator	$ 35.38	22.83
Dredging: (Clamshell or Dipper Dredging)		
GROUP 1	$ 35.74	22.83
GROUP 2	$ 35.08	22.83
GROUP 3	$ 34.68	22.83
GROUP 4	$ 33.02	22.83
Dredging: (Derricks)		
GROUP 1	$ 35.74	22.83
GROUP 2	$ 35.08	22.83
GROUP 3	$ 34.68	22.83
GROUP 4	$ 33.02	22.83
Dredging: (Hydraulic Suction Dredges)		
GROUP 1	$ 35.38	22.83
GROUP 2	$ 35.23	22.83
GROUP 3	$ 35.08	22.83
GROUP 4	$ 35.02	22.83
GROUP 5	$ 34.68	22.83

GROUP 6.....$ 34.57 22.83
GROUP 7.....$ 33.02 22.83

CLAMSHELL OR DIPPER DREDGING CLASSIFICATIONS

GROUP 1: Clamshell or Dipper Operator.
GROUP 2: Mechanic or Welder; Watch Engineer.
GROUP 3: Barge Mate; Deckmate.
GROUP 4: Bargeman; Deckhand; Fireman; Oiler.

HYDRAULIC SUCTION DREDGING CLASSIFICATIONS

GROUP 1: Leverman.
GROUP 2: Watch Engineer (steam or electric).
GROUP 3: Mechanic or Welder.
GROUP 4: Dozer Operator.
GROUP 5: Deckmate.
GROUP 6: Winchman (Stern Winch on Dredge)
GROUP 7: Deckhand (can operate anchor scow under direction of Deckmate); Fireman; Leveeman; Oiler.

DERRICK CLASSIFICATIONS

GROUP 1: Operators (Derricks, Piledrivers and Cranes).
GROUP 2: Saurman Type Dragline (over 5 cubic yards).
GROUP 3: Deckmate; Saurman Type Dragline (up to and including 5 yards).
GROUP 4: Deckhand, Fireman, Oiler.

ENGI0003-044 08/31/2009

	Rates	Fringes
Power Equipment Operators (PAVING)		
Asphalt Concrete Material Transfer	$ 34.87	23.18
Asphalt Plant Operator	$ 35.30	23.18
Asphalt Raker	$ 33.91	23.18
Asphalt Spreader Operator	$ 35.39	23.18
Cold Planer	$ 34.70	23.18
Combination Loader/Backhoe (over 3/4 cu.yd.)	$ 33.91	23.18
Combination Loader/Backhoe (up to 3/4 cu.yd.)	$ 32.93	23.18
Concrete Saws and/or Grinder (self-propelled unit on streets, highways, airports and canals)	$ 34.87	23.18
Grader	$ 35.70	23.18
Laborer, Hand Roller	$ 33.41	23.18
Loader (2 1/2 cu. yds. and under)	$ 34.87	23.18
Loader (over 2 1/2 cu. yds. to and including 5 cu. yds.)	$ 35.19	23.18
Roller Operator (five tons		

and under)	$ 33.64	23.18
Roller Operator (over five tons)	$ 35.07	23.18
Screed Person	$ 34.87	23.18
Soil Stabilizer	$ 34.70	23.18

IRON0625-001 09/01/2009

	Rates	Fringes
Ironworkers:	$ 32.50	26.01

a. Employees will be paid $.50 per hour more while working in tunnels and coffer dams; $1.00 per hour more when required to work under or are covered with water (submerged) and when they are required to work on the summit of Mauna Kea, Mauna Loa or Haleakala.

LABO0368-001 08/31/2009

	Rates	Fringes
Laborers:		
GROUP 1	$ 28.30	15.15
GROUP 2	$ 25.70	15.15
GROUP 3	$ 29.30	15.15
GROUP 4	$ 28.80	15.15
GROUP 5	$ 27.80	15.15
GROUP 6	$ 19.70	10.90

LABORERS CLASSIFICATIONS

GROUP 1: Asbestos Removal Worker (EPA certified workers); Asphalt Laborer, Ironer, Raker, Luteman, and Handroller, and all types of Asphalt Spreader Boxes; Asphalt Shoveler; Assembly and Installation of Multiplates, Liner Plates, Rings, Mesh, Mats; Batching Plant (portable and temporary); Boring Machine Operator (under streets and sidewalks); Buggymobile; Burning, Welding, Signalling, Choke Setting, and Rigging in connection with Laborers' work (except demolition); Chainsaw, Faller, Logloader, and Bucker; Compactors (Jackson Jumping Jack and similar); Concrete Bucket Dumpman; Concrete Chipping; Concrete Chuteman/Hoseman (pouring concrete) (the handling of the chute from ready-mix trucks for such jobs as walls, slabs, decks, floors, foundations, footings, curbs, gutters, and sidewalks); Concrete Core Cutter (Walls, Floors, and Ceiling); Concrete Grinding or Sanding; Concrete: Hooking on, signaling, dumping of concrete for treme work over water on caissons, pilings, abutments, etc.; Concrete: Mixing, handling, conveying, pouring, vibrating, otherwise placing of concrete or aggregates or by any other process; Concrete: Operation of motorized wheelbarrows or buggies or machines of similar character, whether run by gas, diesel, or electric power; Concrete Placement Machine Operator: operation of Somero Hammerhead, Copperheads, or similar machines; Concrete Pump Machine (laying, coupling, uncoupling of all connections and cleaning of equipment);

Concrete and/or Asphalt Saw (Walking or Handtype) (cutting walls or flatwork) (scoring old or new concrete and/or asphalt) (cutting for expansion joints) (streets and ways for laying of pipe, cable or conduit for all purposes); Concrete Shovelers/Laborers (Wet or Dry); Concrete Screeding for Rough Strike-Off: Rodding or striking-off, by hand or mechanical means prior to finishing; Concrete Vibrator Operator; Coring Holes: Walls, footings, piers or other obstructions for passage of pipes or conduits for any purpose and the pouring of concrete to secure the hole; Curbing (Concrete and Asphalt); Curing of Concrete (impervious membrane and form oiler) mortar and other materials by any mode or method; Cut Granite Curb Setter (setting, leveling and grouting of all precast concrete or stone curbs); Cutting and Burning Torch (demolition); Dri Pak-It Machine; Falling, bucking, yarding, loading or burning of all trees or timber on construction site; Fence and/or Guardrail Erector; Forklift (9 ft. and under); Grating and Grill work for drains or other purposes; Green Cutter of concrete or aggregate in any form, by hand, mechanical means, grindstone or air and/or water; Grout: Spreading for any purpose; Guinea Chaser (Grade Checker) for general utility trenches, sitework, and excavation; Headerboard Man (Asphalt or Concrete); Heat Welder of Plastic (Laborers' AGC certified workers) (when work involves waterproofing for waterponds, artificial lakes and reservoir, or heat welding for sewer pipes); Heavy Highway Laborer (Rigging, signaling, handling, and installation of pre-cast catch basins, manholes, curbs and gutters); High Pressure Nozzleman - Hydraulic Monitor (over 100# pressure); Installation of lightweight backfill; Jackhammer Operator; Jacking of slip forms: All semi and unskilled work connected therewithin; Laying of all multi-cell conduit or multi-purpose pipe; Lead base paint abatement laborers (EPA certified workers); Magnesite and Mastic Workers (Wet or Dry)(including mixer operator); Mason Tender,Mortar Man; Mortar Mixer (Block, Brick, Masonry, and Plastering); Nozzleman (Sandblasting and/or Water Blasting): handling, placing and opertion of nozzle; Operation, Manual or Hydraulic jacking of shields and the use of such other mechanical equipment as may be necessary; Pavement Breakers; Paving, curbing and surfacing of streets, ways, courts, under and overpasses, bridges, approaches, slope walls, and all other labor connected therewith; Pilecutters; Pipe Accessment in place, bolting and lining up of sectional metal or other pipe including corrugated pipe; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit, and any other stationary-type of tubular device used for conveying of any substance or element, whether water, sewage, solid, gas, air, or other product whatsoever and without regard to the nature of material from which tubular material is fabricated; No-joint pipe and stripping of same, Pipewrapper, Caulker, Bander, Kettlemen, and men applying

asphalt, Laykold, treating Creosote and similar-type materials (6-inch) pipe and over); Piping: resurfacing and paving of all ditches in preparation for laying of all pipes; Pipe laying of lateral sewer pipe from main or side sewer to buildings or structure (except Contactor may direct work be done under proper supervision); Pipe laying, leveling and marking of the joint used for main or side sewers and storm sewers; Laying of all clay, terra cotta, ironstone, vitrified concrete or other pipe for drainage; Placing and setting of water mains, gas mains and all pipe including removal of skids; Plaster Mortar Mixer/Pump; Pneumatic Impact Wrench; Portable Sawmill Operation: Choker setters, off bearers, and lumber handlers connected with clearing; Posthole Digger (Hand Held, Gas, Air and Electric); Power Broom Sweepers (Small); Preparation and Compaction of roadbeds for railroad track laying, highway construction, and the preparation of trenches, footings, etc., for cross-country transmission by pipelines, electrical transmission or underground lines or cables (by mechanical means); Raising of structure by manual or hydraulic jacks or other methods and resetting of structure in new locations, including all concrete work; Ramming or compaction; Riprap, Stonepaver, and Rock Slinger (includes placement of stacked concrete, wet or dry and loading, unloading, signaling, slinging and setting of other similar materials); Rotary Scarifier (including multiple head concrete chipping Scarifier); Salamander Heater, Drying of plaster, concrete mortar or other aggregate; Scaffold Erector Leadman; Scaffolds: (Swing and hanging) including maintenance thereof; Scaler; Septic Tank/Cesspool and Drain Fields Digger and Installer; Shredder/Chipper (tree branches, brush, etc.); Stripping and Setting Forms; Stripping of Forms: Other than panel forms which are to be re-used in their original form, and stripping of forms on all flat arch work; Tampers (Barko, Wacker, and similar type); Tank Scaler and Cleaners; Tarman; Tree Climbers and Trimmers; Trencher (includes hand-held, Davis T-66 and similar type); Trucks (flatbed up to and including 2 1/2 tons when used in connection with on-site Laborers'work; Trucks (Refuse and Garbage Disposal) (from job site to dump); Vibra-Screed (Bull Float in connection with Laborers' work); Well Points, Installation of or any other dewatering system.

GROUP 2: Air Blasting; Appliance Handling (job site) (after delivery and unloading in storage area); Asphalt Plant Laborer; Backfilling, Grading and all other labor connected therewith; Boring Machine; Bridge Laborer; Burning of all debris (crates, boxes, packaging waste materials); Chainman, Rodmen, and Grade Markers; Cleaning and Clearing of all debris; Cleaning, clearing, grading and/or removal for streets, highways, roadways, aprons, runways, sidewalks, parking areas, airports, approaches, and other similar installations; Cleaning or reconditioning of streets, ways, sewers and waterlines, all maintenance work and work of an unskilled and semi-skilled nature; Cleanup of Grounds and Buildings (other than "Light Clean-Up")

(Janitorial Laborer); Clean-up of right-of-way; Clearing and slashing of brush or trees by hand or mechanical cutting; Concrete Bucket Tender (Groundman) hooking and unhooking of bucket; Concrete Forms; moving, cleaning, oiling and carrying to the next point of erection of all forms; Concrete Products Plant Laborers; Conveyor Tender (conveying of building materials); Cribbers, Shorer, Lagging, Sheeting, and Trench Jacking and Bracing, Hand-Guided Lagging Hammer Whaling Bracing; Crushed Stone Yards and Gravel and Sand Pit Laborers and all other similar plants; Demolition, Wrecking and Salvage Laborers: Wrecking and dismantling of buildings and all structures, with use of cutting or wrecking tools, burning or cutting, breaking away, cleaning and removal of all masonry, wood or metal fixtures for salvage or scrap, All hooking, unhooking, signaling of materials for salvage or scrap removed by crane or derrick; Digging under streets, roadways, aprons or other paved surfaces; Chuck Tender, Outside Nipper; Dry-packing of concrete (plugging and filling of she-bolt holes); Excavation, Preparation of street ways and bridges; Fence and/or Guardrail Erector: Dismantling and/or re-installation of all fence; Finegrader; Firewatcher; Flagman (Coning, preparing, stablishing and removing portable roadway barricade devices); Signal Men on all construction work defined herein, including Traffic Control Signal Men at construction site; Garbage and Debris Handlers and Cleaners; Gas, Pneumatic, and Electric Tools, not listed Group 1 (except Rototiller); General Clean-up: sweeeping, cleaning, washdown, wiping of construction facility, and equipment (other than "Light Clean-up" [Janitorial] Laborer); General Excavation and Grading (all labor connected therewith); Digging of trenches, ditches and manholes and the leveling, grading and other preparation prior to laying pipe or conduit for any purpose; Excavations and foundations for buildings, piers, foundations and holes, and all other construction; General Laborer; Ground and Soil Treatment Work (Pest Control); Junk Yard Laborers (same as Salvage Yard); Landscape Nursery Laborers; Laser Beam "Target Man" in connection with Laborers' work; Layout Person for Plastic (when work involves waterproofing for waterponds, artificial lakes and reservoirs); Limbers, Brush Loaders, and Pilers; Loading, Unloading, carrying, distributing and handling of all rods and material for use in reinforcing concrete construction (except when a derrick or outrigger operated by other than hand power is used); Loading, unloading, sorting, stockpiling, handling and distribution of water mains, gas mains and all pipes; Loading and unloading of all materials, fixtures, furnishings and appliances from point of delivery to stockkpile to point of installation; hooking and signalling from truck, conveyance or stockpile; Material Yard Laborers; Pipelayer Tender; Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, Creosote, and similar-type materials (pipe under 6 inches); Plasterer Laborer (including Hod Carrier); Preparation, construction and maintenance of roadbeds and

sub-grade for all paving, including excavation, dumping, and spreading of sub-grade material; Prestressed or precast concrete slabs, walls, or sections: all loading, unloading, stockpiling, hooking on of such slabs, walls or sections; Quarry Laborers; Railroad, Streetcar, and Rail Transit Maintenance and Repair; Removal of surplus material; Roustabout; Rubbish Trucks in connection with Building Construction Projects (excluding clearing, grubbing, and excavating); Salvage Yard: All work connected with cutting, cleaning, storing, stockpiling or handling of materials, all cleanup, removal of debris, burning, back-filling and landscaping of the site; Sandblasting (Pot Tender): Hoses and pots or markers; Scaffolds: Erection, planking and removal of all scaffolds used for support for lathers, plasters, brick layers, masons, and other construction trades crafts; Scaffolds: (Specially designed by carpenters) laborers shall tend said carpenter on erection and dismantling thereof, preparation for foundation or mudsills, maintenance; Scraping of floors; Screeds: Handling of all screeds to be reused; handling, dismantling and conveyance of screeds; Setting, leveling and securing or bracing of metal or other road forms and expansion joints; Sheeting Piling/trench shoring (handling and placing of skip sheet or wood plank trench shoring); Ship Scalers; Sign Erector (subdivision traffic, regulatory, and street-name signs); Sloper; Slurry Seal Crews (Mixer Operator, Applicator, Squeegee Man, Shuttle Man, Top Man); Snapping of wall ties and removal of tie rods; Soil Test operations of semi and unskilled labor such as filling sand bags; Striper (Asphalt, Concrete or other Paved Surfaces); Tagging and Signaling of all building materials into high-rise units; Tool Room Attendant (Job Site); Traffic Delineating Device Applicator; Underpinning, lagging, bracing, propping and shoring, loading, signaling, right-of-way clearance along the route of movement, The clearance of new site, excavation of foundation when moving a house or structure from old site to new site; Utilities employees; Water Man; Waterscape/Hardscape Laborers; Wire Mesh Pulling (all concrete pouring operations); Wrecking, stripping, dismantling and handling concrete forms an false work.

GROUP 3: Licensed Powdermen; Driller (Track, Diamond Core, and Wagon) (Ingersoll-Rand ECM-350/ECM-635/ECM-635/ECM660, Sandvik Pantera HL 1500, Atlas-Copco ROC 7F); Driller (Joydrill Model TWM-2A, Gardner Denver Dri-143 and similar type drills) (in accordance with the Memorandum of Understanding between the Laborers and Operating Engineers dated at Miami, Florida, February 3, 1954); Driller (Mechanical) (Not ocvered elsewhere) (including multiple unit) (Ingersoll-Rand DM45E/DM50E/LM-100/LM-600C, Gardner-Denver SCH2500/SCH3500 BV, Furukawa HCR-C300, Tamrock Drilltech CHA 800/DHH 850/Tamrock Commando) (similar and Replacement equipment thereof); Drilling for blasting; Operation of all rock and concrete drills and Jack Hammers, including handling, carrying, laying out of hose. (Ingersoll-Rand DM45E/DM50E/LM-100/LM-600C. Gardner-Denver

SCH2500/SCH3500 BV Furukawa HCR-C300, Tamrock Drilltech CHA 800/DHH 850/Tamrock Commando, Pantera 900, 1100 and 1500, Ranger 700, Super Tiger 700), (similar and replacement equipment thereof); Drilling (Mechanical) on the site or along the right-of-way as well as access roads, reservoirs, including areas adjacent or pertinent to construction sites.

GROUP 4: Gunnite Operator; High Scaler (working suspended), Pipelaying.

GROUP 5: Window Washer (Outside) (Working from bosun's chair and/or cable-suspended scaffold or work platform).

GROUP 6: Light/Final Clean-Up.

LABO0368-002 08/31/2009

	Rates	Fringes
Landscape & Irrigation		
Laborers		
GROUP 1	$ 20.96	8.37
GROUP 2	$ 21.46	8.37
GROUP 3	$ 17.46	8.37

LABORERS CLASSIFICATIONS

GROUP 1: Installation of non-potable permanent or temporary irrigation water systems performed for the purposes of Landscaping and Irrigation architectural horticultural work; the installation of drinking fountains and permanent or temporary irrigation systems using potable water for Landscaping and Irrigation architectural horticultural purposes only. This work includes (a) the installation of all heads, risers, valves, valve boxes, vacuum breakers (pressure and non-pressure), low voltage electrical lines and, provided such work involves electrical wiring that will carry 24 volts or less, the installation of sensors, master control panels, display boards, junction boxes, conductors, including all other components for controllers, (b) and metallic (copper, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe including all work incidental thereto, i.e., unloading, handling and distribution of all pipes fittings, tools, materials and equipment, (c) all soldering work in connection with the above whether done by torch, soldering iron, or other means; (d) tie-in to main lines, thrust blocks (both precast and poured in place), pipe hangers and supports incidental to installation of the entire irrigation system, (e) making of pressure tests, start-up testing, flushing, purging, water balancing, placing into operation all irrigation equipment, fixtures and appurtenances installed under this agreement, and (f) the fabrication, replacement, repair and servicing oflandscaping and irrigation systems. Operation of hand-held gas, air, electric, or self-powered tools and equipment used in the performance of Landscape and Irrigation work in connection with architectural

horticulture; Choke-setting, signaling, and rigging for equipment operators on job-site in the performance of such Landscaping and Irrigation work; Concrete work (wet or dry) performed in connection with such Landscaping and Irrigation work. This work shall also include the setting of rock, stone, or riprap in connection with such Landscape, Waterscape, Rockscape, and Irrigation work; Grubbing, pick and shovel excavation, and hand rolling or tamping in connection with the performance of such Landscaping and Irrigation work; Sprigging, handseeding, and planting of trees, shrubs, ground covers, and other plantings and the performance of all types of gardening and horticultural work relating to said planting; Operation of flat bed trucks (up to and including 2 1/2 tons).:

GROUP 2. Layout of irrigation and other non-potable irrigation water systems and the layout of drinking fountains and other potable irrigation water systems in connection with such Landscaping and Irrigation work. This includes the layout of all heads, risers, valves, valve boxes, vacuum breakers, low voltage electrical lines, hydraulic and electrical controllers, and metallic (coppers, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe. This work also includes the reading and interpretation of plans and specifications in connection with the layout of Landscaping, Rockscape, Waterscape, and Irrigation work; Operation of Hydro-Mulching machines (sprayman and driver), Drillers, Trenchers (riding type, Davis T-66, and similar) and fork lifts used in connection with the performance of such Landscaping and Irrigation work; Tree climbers and chain saw tree trimmers, Sporadic operation (when used in connection with Landscaping, Rockscape, Waterscape, and Irrigation work) of Skid-Steer Loaders (Bobcat and similar), Cranes (Bantam, Grove, and similar), Hoptos, Backhoes, Loaders, Rollers, and Dozers (Case, John Deere, and similar), Water Trucks, Trucks requiring a State of Hawaii Public Utilities Commission Type 5 and/or type 7 license, sit-down type and "gang" mowers, and other self-propelled, sit-down operated machines not listed under Landscape & Irrigation Maintenance Laborer; Chemical spraying using self-propelled power spraying equipment (200 gallon capacity or more).

GROUP 3: Maintenance of trees, shrubs, ground covers, lawns and other planted areas, including the replanting of trees, shrubs, ground covers, and other plantings that did not "take" or which are damaged; provided, however, that re-planting that requires the use of equipment, machinery, or power tools shall be paid for at the rate of pay specified under Landscape and Irrigation Laborer, Group 1; Raking, mowing, trimming, and runing, including the use of "weed eaters", hedge trimmers, vacuums, blowers, and other hand-held gas, air, electric, or self-powered tools, and the operation of lawn mowers (Note: The operation of sit-down type and "gang" mowers shall be paid for at the rate of pay specified under Landscape & Irrigation Laborer,

Group 2); Guywiring, staking, propping, and supporting trees; Fertilizing, Chemical spraying using spray equipment with less than 200 gallon capacity, Maintaining irrigation and sprinkler systems, including the staking, clamping, and adjustment of risers, and the adjustment and/or replacement of sprinkler heads, (Note: the cleaning and gluing of pipe and fittings shall be paid for at the rate of pay specified under Landscape & Irrigation Laborer(Group 1); Watering by hand or sprinkler system and the peformance of other types of gardening, yardman, and horticultural-related work.

LABO0368-003 08/31/2009

	Rates	Fringes
Underground Laborer		
GROUP 1	$ 28.90	15.15
GROUP 2	$ 30.40	15.15
GROUP 3	$ 30.90	15.15
GROUP 4	$ 31.90	15.15
GROUP 5	$ 32.25	15.15
GROUP 6	$ 32.50	15.15
GROUP 7	$ 32.95	15.15

GROUP 1: Watchmen; Change House Attendant.

GROUP 2: Swamper; Brakeman; Bull Gang-Muckers, Trackmen; Dumpmen (any method); Concrete Crew (includes rodding and spreading); Grout Crew; Reboundmen

GROUP 3: Chucktenders and Cabletenders; Powderman (Prime House); Vibratorman, Pavement Breakers

GROUP 4: Miners - Tunnel (including top and bottom man on shaft and raise work); Timberman, Retimberman (wood or steel or substitute materials thereof); Blasters, Drillers, Powderman (in heading); Microtunnel Laborer; Headman; Cherry Pickerman (where car is lifted); Nipper; Grout Gunmen; Grout Pumpman & Potman; Gunite, Shotcrete Gunmen & Potmen; Concrete Finisher (in tunnel); Concrete Screed Man; Bit Grinder; Steel Form Raisers & Setters; High Pressure Nozzleman; Nozzleman (on slick line); Sandblaster-Potman (combination work assignment interchangeable); Tugger

GROUP 5: Shaft Work & Raise (below actual or excavated ground level); Diamond Driller; Gunite or Shotcrete Nozzleman; Rodman; Groundman

GROUP 6: Shifter

GROUP 7: Shifter (Shaft Work & Raiser)

PAIN1791-001 07/01/2009

	Rates	Fringes
Painters:		

Brush	$ 31.80	22.75
Sandblaster; Spray	$ 31.80	22.75

PAIN1889-001 07/01/2009

	Rates	Fringes
Glaziers	$ 30.05	23.12

PAIN1926-001 03/01/2009

	Rates	Fringes
Soft Floor Layers	$ 26.85	20.00

* PAIN1944-001 01/01/2010

	Rates	Fringes
Taper	$ 39.00	16.40

PLAS0630-001 08/31/2009

	Rates	Fringes
PLASTERER	$ 36.99	16.77

PLAS0630-002 08/31/2009

	Rates	Fringes
Cement Masons:		
Cement Masons	$ 36.15	16.77
Trowel Machine Operators	$ 36.30	16.77

PLUM0675-001 07/05/2009

	Rates	Fringes
Plumber, Pipefitter, Steamfitter & Sprinkler Fitter	$ 35.10	21.18

ROOF0221-001 09/27/2009

	Rates	Fringes
Roofers (Including Built Up, Composition and Single Ply)	$ 33.60	15.08

SHEE0293-001 08/30/2009

	Rates	Fringes
Sheet metal worker	$ 32.45	24.11

SUHI1997-002 09/15/1997

	Rates	Fringes
Drapery Installer	$ 13.60	1.20
FENCE ERECTOR (Chain Link Fence)	$ 9.33	1.65

RIGGERS; WELDERS - Receive rate prescribed for craft performing operation to which rigging or welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an

interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.0501	Remove Existing Pullbox	L.S.	L.S.	L.S.	$_____
202.0502	Remove Existing Underground Light Wiring	L.S.	L.S.	L.S.	$_____
202.0503	Remove Existing Underground Traffic Signal Wiring	L.S.	L.S.	L.S.	$_____
202.0504	Remove Existing Overhead Light Wiring	L.S.	L.S.	L.S.	$_____
202.0505	Remove Existing Overhead Traffic Signal Wiring	L.S.	L.S.	L.S.	$_____
202.0506	Remove Existing Underground Fiber Optic Traffic Signal Wiring	L.S.	L.S.	L.S.	$_____
202.0507	Remove/Replace Type 3 (6 pair) Traffic Signal Wiring	L.S.	L.S.	L.S.	$_____
202.0508	Remove/Replace Type 3 (12 pair) Traffic Signal Wiring	L.S.	L.S.	L.S.	$_____
202.0509	Remove Fiber Optic Traffic Signal Connection to Kamakee Street	L.S.	L.S.	L.S.	$_____
202.0510	Remove Existing Highway Light Standard including Base	L.S.	L.S.	L.S.	$_____
202.0511	Remove Existing Highway Lighting Luminaire and Bracket Arm	L.S.	L.S.	L.S.	$_____
202.0512	Remove Existing Highway Lighting Luminaire, Bracket Arm and Wood Pole	L.S.	L.S.	L.S.	$_____
202.0513	Remove Existing Wood Pole	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.0514	Remove Existing Type 1 Traffic Signal Standard	L.S.	L.S.	L.S.	$_____
202.0515	Remove Existing Highway Lighting Service Equipment & Cabinet	L.S.	L.S.	L.S.	$_____
202.0516	Remove Existing Pedestrian Traffic Signal Head	L.S.	L.S.	L.S.	$_____
202.0517	Remove Existing Opticom Detector	L.S.	L.S.	L.S.	$_____
202.0518	Remove Existing Pedestrian Traffic Signal Pushbutton	L.S.	L.S.	L.S.	$_____
202.0519	Remove Existing HECO Meter Socket, Riser & Weatherhead	L.S.	L.S.	L.S.	$_____
202.0520	Remove Existing HECO Meter Enclosure & Pad	L.S.	L.S.	L.S.	$_____
202.0521	Relocate Existing Traffic Signal Head	L.S.	L.S.	L.S.	$_____
202.0522	Relocate Existing HTCO Conduit	L.S.	L.S.	L.S.	$_____
202.0526	Demolish/Reconstruct Existing CRM Wall	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.0527	Test/Dispose Existing Pad Mounted Transformer	L.S.	L.S.	L.S.	$_____
209.0100	Installation, Maintenance, Monitoring and Removal of BMP	L.S.	L.S.	L.S.	$_____
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	$300,000.00
209.0300	Dewatering	F.A.	F.A.	F.A.	$430,000.00
212.1000	Archaeological Mitigation	F.A.	F.A.	F.A.	$52,000.00
304.1110	Aggregate Base Course	L.S.	L.S.	L.S.	$_____
312.0100	Hot Mix Glassphalt Base Course	L.S.	L.S.	L.S.	$_____
401.0500	Hot Mix Asphalt Pavement, Mix No. V	L.S.	L.S.	L.S.	$_____
402.0400	Superpave Hot Mix Asphalt Pavement	L.S.	L.S.	L.S.	$_____
411.2110	11-Inch, Concrete Pavement	L.S.	L.S.	L.S.	$_____
414.0100	Excavation for Reconstruction of Weakened Pavement Areas	L.S.	L.S.	L.S.	$_____
415.1000	5-Inch Cold Planing	L.S.	L.S.	L.S.	$_____
503.1000	Rock Veneer (Wall along Ala Moana Regional Beach Park)	L.S.	L.S.	L.S.	$_____
503.1001	Rock Veneer for Utility Enclosure (Retaining Wall Sta. 26+30±, o/s 70'± Lt.))	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
503.2000	Basaltic Rocks	L.S.	L.S.	L.S.	$_____
604.4100	Adjusting Storm Drain Manhole Frame and Cover	4	Each	$_____	$_____
604.4200	Adjust Water Manhole Frame and Cover	17	Each	$_____	$_____
604.4300	Adjust Water Valve Box Frame and Cover	8	Each	$_____	$_____
604.4400	Adjust Water Meter Box Frame and Cover	2	Each	$_____	$_____
604.4500	Adjust Water Irrigation Valve Box and Cover	1	Each	$_____	$_____
604.4600	Adjust Sewer Manhole Frame and Cover	6	Each	$_____	$_____
604.4700	Adjust Hawaiian Telcom Manhole Frame and Cover	1	Each	$_____	$_____
604.4800	Adjusting Electrical Manhole Frame and Cover	2	Each	$_____	$_____
604.4900	Adjust Existing Traffic Signal Pullbox Frame and Cover	2	Each	$_____	$_____
604.5100	Adjust Existing Highway Lighting Pullbox Frame and Cover	1	Each	$_____	$_____
604.5200	Adjust Existing Utility Pullbox Frame and Cover	1	Each	$_____	$_____
606.1000	GWP Guardrail	L.S.	L.S.	L.S.	$_____
606.2000	Modified Median Barrier	L.S.	L.S.	L.S.	$_____
607.1000	4 feet High Vinyl Coated Dark Green Chain Link Fence	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
610.1000	8-Inch Reinforced Concrete Driveway	L.S.	L.S.	L.S.	$_____
616.1000	Permanent Irrigation System	L.S.	L.S.	L.S.	$_____
618.1000	Qualified Arborist, Root Barrier Installation & Tree and Root Pruning	F.A.	F.A.	F.A.	$40,000.00
619.1000	Shower Trees	L.S.	L.S.	L.S.	$_____
619.1100	Coconut Trees	L.S.	L.S.	L.S.	$_____
619.1200	Areca Palms	L.S.	L.S.	L.S.	$_____
619.1300	Naupaka	L.S.	L.S.	L.S.	$_____
619.1400	Red Spider Lily	L.S.	L.S.	L.S.	$_____
619.1500	Pohinahina	L.S.	L.S.	L.S.	$_____
619.1600	St. Augustine Grass Sod	L.S.	L.S.	L.S.	$_____
621.0000	Type "B" Pullbox (Communication, Metric)	27	Each	L.S.	$_____
621.0001	Type "C" Pullbox (Communication, Metric)	27	Each	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.0002	Communication Ductline, 2-2-Inch Conduits Encased in Concrete Jacket, including Conductors	L.S.	L.S.	L.S.	$_____
621.0003	Communication Ductline, 2-Inch Conduit Encased in Concrete Jacket, including Conductors (DOT)	L.S.	L.S.	L.S.	$_____
621.0004	Communication Ductline, 4-Inch Conduit Encased in Concrete Jacket , including Conductors (DOT)	L.S.	L.S.	L.S.	$_____
621.0005	Communication Conduit, 2-Inch Conduit Installed in Reinforced Concrete Jacket, including Conductors (DOT)	L.S.	L.S.	L.S.	$_____
621.0006	Communication Conduit, 4-Inch Conduit Installed in Reinforced Concrete Jacket, including Conductors (DOT)	L.S.	L.S.	L.S.	$_____
621.0010	Utility Enclosure (Retaining Wall - Sta. 26+30±, o/s 70'± Lt.)	L.S.	L.S.	L.S.	$_____
621.1000	HTCO 6 Ft. x 12 Ft. Manhole	6	Each	$_____	$_____
621.1001	HTCO 5 Ft. x 10Ft. 6 In. Manhole	4	Each	$_____	$_____
621.1002	HTCO 5 Ft. x 8 Ft. Manhole	1	Each	$_____	$_____
621.1003	HTCO 4 Ft. x 6 Ft. Pullbox	1	Each	$_____	$_____
621.1004	HTCO 3 Ft. x 5 Ft. Pullbox	7	Each	$_____	$_____
621.1005	HTCO 2 Ft. x 4 Ft. Pullbox	11	Each	$_____	$_____
621.1006	HTCO Manhole/Handhole Conduit Penetration	54	Each	$_____	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.1007	HTCO 4-Inch Conduit Riser	6	Each	$_____	$_____
621.1010	HECO 6 Ft. x 14 Ft. Manhole	12	Each	$_____	$_____
621.1011	HECO 3 Ft. x 5 Ft. Handhole	5	Each	$_____	$_____
621.1012	HECO 2 Ft. x 4 Ft. Pullbox	4	Each	$_____	$_____
621.1013	HECO Manhole/Handhole Conduit Penetration	19	Each	$_____	$_____
621.1014	PMH Switch	2	Each	$_____	$_____
621.1015	Pipe Guard	8	Each	$_____	$_____
621.1020	CATV 18 In. x 36 In. Pullbox	2	Each	$_____	$_____
621.1021	CATV 2 Ft. x 4 Ft. Pullbox	18	Each	$_____	$_____
621.1022	CATV 2 Ft. x 6 Ft. Pullbox	2	Each	$_____	$_____
621.1023	CATV 4 Ft. x 6 Ft. Manhole	21	Each	$_____	$_____
621.1024	CATV Manhole/Handhole Conduit Penetration	18	Each	$_____	$_____
621.1025	CATV Power Supply and Service (O.B. Sta. 69+15 and O.B. Sta. 85+88)	2	Each	$_____	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.4001	HECO Ductline, Two 4-Inch and Four 6-Inch, HTCO Ductline, Four 4-Inch and CATV Ductline, One 2-Inch and One 4-Inch Conduit Encased in Concrete Jacket (Section C1)	L.S.	L.S.	L.S.	$_____
621.4002	HECO Ductline, Four 4-Inch and Eight 6-Inch, and CATV Ductline, Three 4-Inch Conduit Encased in Concrete Jacket (Section C2)	L.S.	L.S.	L.S.	$_____
621.4003	HECO Ductline, Six 4-Inch and Two 5-Inch, HTCO Ductline, Seven 4-Inch, and CATV Ductline, One 2-Inch and One 4-Inch Conduit Encased in Concrete Jacket (Section C3)	L.S.	L.S.	L.S.	$_____
621.4004	HECO Ductline, Two 4-Inch and Four 6-Inch, and HTCO Ductline, Four 4-Inch Conduit Encased in Concrete Jacket (Section C4)	L.S.	L.S.	L.S.	$_____
621.4005	HECO Ductline, One 3-Inch, Two 4-Inch and Four 6-Inch, HTCO Ductline, Five 4-Inch and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C5)	L.S.	L.S.	L.S.	$_____
621.4006	HECO Ductline, One 3-Inch, Two 4-Inch and Four 6-Inch, HTCO Ductline, Two 4-Inch and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C6)	L.S.	L.S.	L.S.	$_____
621.4007	HTCO Ductline, Two 4-Inch, and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C7)	L.S.	L.S.	L.S.	$_____
621.4008	HTCO Ductline, Seven 4-Inch, and CATV Ductline, Three 4-Inch Conduit Encased in Concrete Jacket (Section C8)	L.S.	L.S.	L.S.	$_____
621.4009	HECO Ductline, Two 4-Inch and Four 6-Inch, HTCO Ductline, Four 4-Inch, and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C9)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.4010	HECO Ductline, Two 4-Inch and Four 6-Inch, HTCO Ductline, Four 4-Inch and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C10)	L.S.	L.S.	L.S.	$_____
621.4011	HECO Ductline, Two 4-Inch and Four 6-Inch, and HTCO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C11)	L.S.	L.S.	L.S.	$_____
621.4012	HECO Ductline, Two 4-Inch and Four 6-Inch, and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C12)	L.S.	L.S.	L.S.	$_____
621.4013	HECO Ductline, Two 4-Inch and Four 6-Inch, and CATV Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section C13)	L.S.	L.S.	L.S.	$_____
621.4014	HECO Ductline, Two 4-Inch and Four 6-Inch, and CATV Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section C14)	L.S.	L.S.	L.S.	$_____
621.4015	HECO Ductline, Two 3-Inch, and HTCO Ductline, Four 4-Inch Conduit Encased in Concrete Jacket (Section C15)	L.S.	L.S.	L.S.	$_____
621.4016	HECO Ductline, Two 4-Inch, HTCO Ductline, Two 4-Inch, and CATV Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section C16)	L.S.	L.S.	L.S.	$_____
621.4017	HECO Ductline, Two 4-Inch, and HTCO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C17)	L.S.	L.S.	L.S.	$_____
621.4018	HECO Ductline, One 3-Inch, and HTCO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C18)	L.S.	L.S.	L.S.	$_____
621.4019	HTCO Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section C19)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.4020	CATV Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section C20)	L.S.	L.S.	L.S.	$_____
621.4022	CATV Ductline, One 2-Inch Conduit Encased in Concrete Jacket (Section C22)	L.S.	L.S.	L.S.	$_____
621.4023	CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C23)	L.S.	L.S.	L.S.	$_____
621.4024	HTCO Ductline, One 4-Inch, and CATV Ductline, One 2-Inch Conduit Encased in Concrete Jacket (Section C24)	L.S.	L.S.	L.S.	$_____
621.4025	HTCO Ductline, One 4-Inch, and CATV Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section C25)	L.S.	L.S.	L.S.	$_____
621.4026	CATV Ductline, One 2-Inch and One 4-Inch Conduit Encased in Concrete Jacket (Section C26)	L.S.	L.S.	L.S.	$_____
621.4027	HTCO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C27)	L.S.	L.S.	L.S.	$_____
621.4028	HECO Ductline, Two 4-Inch and Four 6-Inch, and HTCO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C28)	L.S.	L.S.	L.S.	$_____
621.4029	CATV Ductline, Three 4-Inch Conduit Encased in Concrete Jacket (Section C29)	L.S.	L.S.	L.S.	$_____
621.4030	HTCO Ductline, Three 4-Inch Conduit Encased in Concrete Jacket (Section C30)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.4032	CATV Ductline, Four 4-Inch Conduit Encased in Concrete Jacket (Section C32)	L.S.	L.S.	L.S.	$_____
621.4033	HTCO Ductline, Four 4-Inch Conduit Encased in Concrete Jacket (Section C33)	L.S.	L.S.	L.S.	$_____
621.4034	HTCO Ductline, Four 4-Inch, and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C34)	L.S.	L.S.	L.S.	$_____
621.4035	HTCO Ductline, Six 4-Inch, and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C35)	L.S.	L.S.	L.S.	$_____
621.4036	HTCO Ductline, Four 4-Inch, and CATV Ductline, One 2-Inch and One 4-Inch Conduit Encased in Concrete Jacket (Section C36)	L.S.	L.S.	L.S.	$_____
621.4037	HTCO Ductline, Eight 4-Inch Conduit Encased in Concrete Jacket (Section C37)	L.S.	L.S.	L.S.	$_____
621.4038	HTCO Ductline, Seven 4-Inch, and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C38)	L.S.	L.S.	L.S.	$_____
621.4039	HTCO Ductline, Seven 4-Inch, and CATV Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section C39)	L.S.	L.S.	L.S.	$_____
621.4040	HTCO Ductline, Eight 4-Inch, and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C40)	L.S.	L.S.	L.S.	$_____
621.4041	HTCO Ductline, Eight 4-Inch, and CATV Ductline, Three 4-Inch Conduit Encased in Concrete Jacket (Section C41)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.4042	HTCO Ductline, Ten 4-Inch, and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C42)	L.S.	L.S.	L.S.	$_____
621.4043	HECO Ductline, Two 4-Inch and Four 6-Inch, HTCO Ductline, Two 4-Inch and CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section C43)	L.S.	L.S.	L.S.	$_____
621.4045	HTCO Ductline, One 2-Inch, and CATV Ductline, One 2-Inch Conduit Encased in Concrete Jacket (Section C45)	L.S.	L.S.	L.S.	$_____
621.4046	CATV Ductlie, One 4-Inch Conduit Encased in Concrete Jacket (Section C46)	L.S.	L.S.	L.S.	$_____
621.4047	HECO Ductline, One 3-Inch, and HTCO Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section C47)	L.S.	L.S.	L.S.	$_____
621.4102	HECO Ductline, Two 2-Inch, Four 4-Inch, and Four 6-Inch Conduit Encased in Concrete Jacket (Section E2)	L.S.	L.S.	L.S.	$_____
621.4103	HECO Ductline, One 3-Inch, Two 4-Inch, and Four 6-Inch Conduit Encased in Concrete Jacket (Section E3)	L.S.	L.S.	L.S.	$_____
621.4104	HECO Ductline, Two 2-Inch, Two 4-Inch, and Four 6-Inch Conduit Encased in Concrete Jacket (Section E4)	L.S.	L.S.	L.S.	$_____
621.4105	HECO Ductline, Six 4-Inch and Two 5-Inch Conduit Encased in Concrete Jacket (Section E5)	L.S.	L.S.	L.S.	$_____
621.4106	HECO Ductline, Two 4-Inch, and Four 6-Inch Conduit Encased in Concrete Jacket (Section E6)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.4107	HECO Ductline, Four 6-Inch Conduit Encased in Concrete Jacket (Section E7)	L.S.	L.S.	L.S.	$_____
621.4108	HECO Ductline, One 3-Inch and Two 4-Inch Conduit Encased in Concrete Jacket (Section E8)	L.S.	L.S.	L.S.	$_____
621.4109	HECO Ductline, Two 2-Inch and One 3-Inch Conduit Encased in Concrete Jacket (Section E9)	L.S.	L.S.	L.S.	$_____
621.4110	HECO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section E10)	L.S.	L.S.	L.S.	$_____
621.4111	HECO Ductline, One 2-Inch Conduit Encased in Concrete Jacket (Section E11)	L.S.	L.S.	L.S.	$_____
621.4112	HECO Ductline, One 4-Inch Conduit Encased in Concrete Jacket (Section E12)	L.S.	L.S.	L.S.	$_____
621.4113	HECO Ductline, One 3-Inch Conduit Encased in Concrete Jacket (Section E13)	L.S.	L.S.	L.S.	$_____
621.4114	HECO Ductline, Four 4-Inch, and Four 6-Inch Conduit Encased in Concrete Jacket (Section E14)	L.S.	L.S.	L.S.	$_____
621.4115	HECO Ductline, Two 2-Inch Conduit Encased in Concrete Jacket (Section E15)	L.S.	L.S.	L.S.	$_____
621.4116	HECO Ductline, Four 4-Inch and Six 6-Inch Conduit Encased in Concrete Jacket (Section E16)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.4117	HECO Ductline, Two 4-Inch and Four 6-Inch Conduit Encased in Concrete Jacket (Section E17)	L.S.	L.S.	L.S.	$_____
621.4118	HECO Ductline, Four 4-Inch Conduit Encased in Concrete Jacket (Section E18)	L.S.	L.S.	L.S.	$_____
621.4119	HECO Ductline, Two 4-Inch and Eight 6-Inch Conduit Encased in Concrete Jacket (Section E19)	L.S.	L.S.	L.S.	$_____
621.4120	HECO Ductline, Four 4-Inch and Four 6-Inch Conduit Encased in Concrete Jacket (Section E20)	L.S.	L.S.	L.S.	$_____
621.4121	HECO Ductline, Two 2-Inch, Two 4-Inch, and Four 6-Inch Conduit Encased in Concrete Jacket (Section E21)	L.S.	L.S.	L.S.	$_____
621.4122	HECO Ductline, One 3-Inch, Two 4-Inch, and Four 6-Inch Conduit Encased in Concrete Jacket (Section E22)	L.S.	L.S.	L.S.	$_____
621.4123	HECO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section E23)	L.S.	L.S.	L.S.	$_____
621.4124	HECO Ductline, One 3-Inch, Four 4-Inch, and Four 6-Inch Conduit Encased in Concrete Jacket (Section E24)	L.S.	L.S.	L.S.	$_____
621.4125	HECO Ductline, Two 4-Inch and Four 6-Inch Conduit Encased in Concrete Jacket (Section E25)	L.S.	L.S.	L.S.	$_____
621.4126	HECO Ductline, Two 2-Inch Conduit Encased in Concrete Jacket (Section E26)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.4127	HECO Ductline, Two 6-Inch Conduit Encased in Concrete Jacket (Section E27)	L.S.	L.S.	L.S.	$_____
621.4201	HECO Ductline, Two 4-Inch and HTCO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (Section P1)	L.S.	L.S.	L.S.	$_____
621.6000	Service Conversion (HTCO) at 744 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.6001	Service Conversion (HTCO) at 800 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.6002	Service Conversion (HTCO) at 914 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.6003	Service Conversion (HTCO) at 1732 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.6004	Service Conversion (HTCO) at Telephone No. 126	L.S.	L.S.	L.S.	$_____
621.6005	Service Conversion (HTCO) at 1804 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.6006	Service Conversion (HTCO) at 1827 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.6007	Service Conversion (HTCO) at 1835 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.6008	Service Conversion (HTCO) at HHV - Sta. 85+95	L.S.	L.S.	L.S.	$_____
621.6009	Service Conversion (HTCO) at 1946 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.6010	Service Conversion (HTCO) at UH Kewalo Basin (Sta. 12+95)	L.S.	L.S.	L.S.	$_____
621.6011	Service Conversion (HTCO) at Ala Moana Beach Park (Sta. 20+70)	L.S.	L.S.	L.S.	$_____
621.6012	Service Conversion (HTCO) at Ala Moana Beach Park (Sta. 26+31)	L.S.	L.S.	L.S.	$_____
621.6013	Service Conversion (HTCO) at Kewalo Basin, 1085 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.7000	Service Conversion (HECO) at Koula Street Traffic Signal System (Sta. 36+39)	L.S.	L.S.	L.S.	$_____
621.7001	Service Conversion (HECO) at 800 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.7002	Service Conversion (HECO) at 914 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.7003	Service Conversion (HECO) at Fisherman's Wharf, 1009 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.7004	Service Conversion (HECO) at Kewalo Basin, 1025 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.7005	Service Conversion (HECO) at Kewalo Basin, 1085 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.7006	Service Conversion (HECO) at Kewalo Basin Traffic Signal System	L.S.	L.S.	L.S.	$_____
621.7007	Service Conversion (HECO) at UH Kewalo Basin (Sta. 13+75)	L.S.	L.S.	L.S.	$_____
621.7008	Service Conversion (HECO) at Kamakee Street Traffic Signal System	L.S.	L.S.	L.S.	$_____
621.7009	Service Conversion (HECO) at Ala Moana Beach Park (Sta. 20+70)	L.S.	L.S.	L.S.	$_____
621.7010	Service Conversion (HECO) at Ala Moana Beach Park (Sta. 26+31)	L.S.	L.S.	L.S.	$_____
621.7011	Service Conversion (HECO) at Queen Street Traffic Signal System	L.S.	L.S.	L.S.	$_____
621.8000	Service Conversion (CATV) at 744 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.8001	Service Conversion (CATV) at UH Kewalo Basin (Sta. 12+95)	L.S.	L.S.	L.S.	$_____
621.8002	Service Conversion (CATV) at 1085 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.8003	Service Conversion (CATV) at 1720 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.8004	Service Conversion (CATV) at Telephone No. 126 (Sta. 81+14)	L.S.	L.S.	L.S.	$_____
621.8005	Service Conversion (CATV) at 1804 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.8006	Service Conversion (CATV) at 1827 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.8007	Service Conversion (CATV) at 1830 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.8008	Service Conversion (CATV) at 1835 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.8009	Service Conversion (CATV) at 1946 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____
621.8010	Service Conversion (CATV) at 1700 Ala Moana Blvd	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
622.0051	Highway Light Standard, Decorative Type "A", Single 6' Bracket Arm, 250W HPS, Luminaire, Decorative Base, Pole and Appurtenances	L.S.	L.S.	L.S.	$_____
622.0052	Highway Light Standard, Decorative Type "A", Twin 6' Bracket Arms, Twin 250W HPS, Luminaire, Decorative Base, Pole and Appurtenances	L.S.	L.S.	L.S.	$_____
622.0053	Highway Light Standard, Decorative Type "B", Single 6' Bracket Arm, 250W HPS, Luminaire, Decorative Base with breakaway coupling and cover, Pole and Appurtenances	L.S.	L.S.	L.S.	$_____
622.0054	Highway Light Standard, Decorative Type "B", Twin 6' Bracket Arm, Twin 150W HPS, Luminaire, Decorative Base with breakaway coupling and cover, Pole and Appurtenances	L.S.	L.S.	L.S.	$_____
622.0055	Highway Light Standard, Decorative Type "B", Twin 6' Bracket Arms, Twin 250W HPS, Luminaire, Decorative Base with breakaway coupling and cover, Pole and Appurtenances	L.S.	L.S.	L.S.	$_____
622.0056	Highway Light Standard, Decorative Type "B1", Single 6' Bracket Arms, 250W HPS, Luminaire, Pole, and Appurtenances	L.S.	L.S.	L.S.	$_____
622.0057	Light Standard, Single 6' Bracket Arms, 100W HPS, Luminaire, Base, Pole and Appurtenaces (Koula Street)	L.S.	L.S.	L.S.	$_____
622.0058	Light Standard, City Street, per Sheet E-83 (Piikoi Street)	L.S.	L.S.	L.S.	$_____
622.0059	Concrete Foundation for Highway Lighting Standard	L.S.	L.S.	L.S.	$_____
622.0060	Concrete Foundation for Highway Lighting Standard, Special (STA. 140+98 O/S RT, STA. 141+90 O/S RT., STA. 158+97 O/S RT)	L.S.	L.S.	L.S.	$_____
622.0061	Concrete Foundation for Highway Lighting Standard, Special (Coral St. to Ward Ave. on the makai side)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
622.0062	Concrete Foundation for Highway Lighting Standard, Special (Ala Moana Beach Park Wall)	L.S.	L.S.	L.S.	$_____
622.0063	Concrete Foundation for Highway Lighting Standard, Special (Ala Wai Canal Bridge)	L.S.	L.S.	L.S.	$_____
622.0070	Spare Highway Light Standard, Decorative Type "A", Single 6' Bracket Arm, 250W HPS, Luminaire, Decorative Base, Pole and Appurtenances to be delivered to State DOT Maintenance Baseyard	3	Each	$_____	$_____
622.0071	Spare Highway Light Standard, Decorative Type "A", Twin 6' Bracket Arms Twin 250W HPS, Luminaire, Decorative Base, Pole and Appurtenances to be delivered to State DOT Maintenance Baseyard	1	Each	$_____	$_____
622.0072	Spare Highway Light Standard, Decorative Type "B", Single 6' Bracket Arm, 250W HPS, Luminaire, Decorative Base with breakaway coupling and cover, Pole and Appurtenances to be delivered to State DOT Maintenance Baseyard	10	Each	$_____	$_____
622.0073	Spare Highway Light Standard, Decorative Type "B", Twin 6' Bracket Arms, Twin 150W HPS, Luminaire, Decorative Base with breakaway coupling and cover, Pole and Appurtenances to be delivered to State DOT Maintenance Baseyard	2	Each	$_____	$_____
622.0074	Spare Highway Light Standard, Decorative Type "B", Twin 6' Bracket Arms, Twin 250W HPS, Luminaire, Decorative Base with breakaway coupling and cover, Pole and Appurtenances to be delivered to State DOT Maintenance Baseyard	1	Each	$_____	$_____
622.0075	Spare Highway Light Standard, Decorative Type "B1", Single 6' Bracket Arms, 250W HPS, Luminaire, Pole and Appurtenances to be delivered to State DOT Maintenance Baseyard	2	Each	$_____	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
622.5101	Highway Lighting Ductline, 1-1/2-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
622.5102	Highway Lighting Ductline, 2-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
622.5103	Highway Lighting Ductline, 2-Inch Conduit Encased in Reinf Concrete Jacket	L.S.	L.S.	L.S.	$_____
622.5104	Highway Lighting Ductline, 2-2-Inch Conduits Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
622.5105	Highway Lighting Ductline, 4-2-Inch Conduits Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
622.5106	City Lighting Ductline, 2-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
622.5107	Highway Lighting Ductline, per Highway Light Connection Diagram	L.S.	L.S.	L.S.	$_____
622.5191	Highway Lighting Conductors	L.S.	L.S.	L.S.	$_____
622.5192	Highway Lighting Conductors, Overhead	L.S.	L.S.	L.S.	$_____
622.5201	Type "A" Pullbox (Highway Lighting, Metric)	L.S.	L.S.	L.S.	$_____
622.5202	Type "B" Pullbox (Highway Lighting, Metric)	L.S.	L.S.	L.S.	$_____
622.5203	Type "C" Pullbox (Highway Lighting, Metric)	L.S.	L.S.	L.S.	$_____
622.5204	19"x28" (Old Type "B") Pullbox (Highway Lighting)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
622.5205	Type "SLD-1" Pullbox (City Street Lighting)	L.S.	L.S.	L.S.	$_____
622.5211	Highway Lighting Equipment per A/E-43	L.S.	L.S.	L.S.	$_____
622.5212	Highway Light Metering Equipment & Enclosure "B" per A/E-44	L.S.	L.S.	L.S.	$_____
622.5213	Highway Lighting Junction Box, Cast Metal, NEMA 4X (12x24x8)	L.S.	L.S.	L.S.	$_____
622.5214	Highway Lighting Junction Box, Cast Metal, NEMA 4X (12x36x12)	L.S.	L.S.	L.S.	$_____
622.5301	Temporary Highway Lighting System	L.S.	L.S.	L.S.	$_____
623.1001	Retrofit Traffic Signal Light - Red Ball to Same	25	Each	$_____	$_____
623.1004	Retrofit Traffic Signal Light - Yellow Ball to Same	20	Each	$_____	$_____
623.1006	Retrofit Traffic Signal Light - Yellow Ball to Yellow Arrow	5	Each	$_____	$_____
623.1007	Retrofit Traffic Signal Light - Green Ball to Same	8	Each	$_____	$_____
623.1008	Retrofit Traffic Signal Light - Green Arrow to Same	13	Each	$_____	$_____
623.1009	Retrofit Traffic Signal Light - Green Ball to Green Arrow	3	Each	$_____	$_____
623.1010	Retrofit Traffic Signal Light - Green Arrow to Green Ball	1	Each	$_____	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.2000	Type 1 (8') Traffic Signal Standard	1	Each	$_____	$_____
623.2001	Type I (10') Traffic Signal Standard	2	Each	$_____	$_____
623.2002	Foundation for Type I Traffic Signal Standard	3	Each	$_____	$_____
623.3000	Modify 3M Programmable Visibility Traffic Signal Lens (1 - Yellow Arrow)	1	Each	$_____	$_____
623.3001	Traffic Signal Assembly (RYAGA Traffic Signal Head)	12	Each	$_____	$_____
623.3002	Traffic Signal Assembly (RYG Traffic Signal Head)	11	Each	$_____	$_____
623.3060	Traffic Signal Assembly (Two-Way, 12-Inch, 1-3 Section Vertical with Mass Arm Mounting)	70	Each	$_____	$_____
623.3062	Traffic Signal Assembly (Two-Way, 12-Inch, 1-3 Section Vertical Programmable Visibility Head with Mass Arm Mounting)	20	Each	$_____	$_____
623.3101	Warning Flasher Signal Assembly	1	Each	$_____	$_____
623.3900	Approach-Only Microwave Vehicle Detector	6	Each	$_____	$_____
623.4000	Pedestrian Signal Assembly (LED PCS module with housing)	18	Each	$_____	$_____
623.4001	L.E.D. Pedestrian Countdown Signal (Module Only)	14	Each	$_____	$_____
623.4002	Traffic Signal Back Plates (Louvered, Black)	90	Each	$_____	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.4041	Pedestrian Push Button with Instruction Sign	15	Each	$_____	$_____
623.4101	Opticom Detector (Traffic Signal Standard Mounting)	3	Each	$_____	$_____
623.5101	Traffic Signal Ductline, 2-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
623.5102	Traffic Signal Ductline, 2-2 Inch Conduits Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
623.5103	Traffic Signal Ductline, 4-2 Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
623.5104	Traffic Signal Ductline, 6-2 Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
623.5191	Traffic Signal Conductors	L.S.	L.S.	L.S.	$_____
623.5192	Traffic Signal Conductors, Type 3 (6 pairs) Cable	L.S.	L.S.	L.S.	$_____
623.5193	Traffic Signal Conductors, Type 3 (12 pairs) Cable	L.S.	L.S.	L.S.	$_____
623.5194	Traffic Signal Conductors, Type 5 Cable	L.S.	L.S.	L.S.	$_____
623.5195	Traffic Signal Conductors, Fiber Optic Cable	L.S.	L.S.	L.S.	$_____
623.6301	Type "A" Pullbox (Traffic Signal,Metric)	2	Each	$_____	$_____
623.6302	Type "B" Pullbox (Traffic Signal, Metric)	25	Each	$_____	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.6303	Type "C" Pullbox (Traffic Signal, Metric)	3	Each	$_____	$_____
623.7051	Loop Detector Sensing Unit (6x6) One Loop	16	Each	$_____	$_____
623.7052	Loop Detector Sensing Unit (6x6) Two Loops	18	Each	$_____	$_____
623.7053	Loop Detector Sensing Unit (6x6) Three Loops	1	Each	$_____	$_____
623.7054	Loop Detector Sensing Unit (6x6) Four Loops	10	Each	$_____	$_____
623.7056	Loop Detector Sensing Unit (6x6) Six Loops	12	Each	$_____	$_____
623.7058	Loop Detector Sensing Unit (6x6) Eight Loops	1	Each	$_____	$_____
623.7101	System Loop Detector Sensing Unit (6x6) One Loop	6	Each	$_____	$_____
623.8101	Temporary Traffic Signal System	L.S.	L.S.	L.S.	$_____
629.1011	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1013	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1015	4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1016	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1022	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1030	Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1040	Pavement Arrows (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1050	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.2010	Type "A" Pavement Markers	L.S.	L.S.	L.S.	$_____
629.2020	Type "C" Pavement Markers	L.S.	L.S.	L.S.	$_____
629.2030	Type "D" Pavement Markers	L.S.	L.S.	L.S.	$_____
629.2070	Type "H" Pavement Markers	L.S.	L.S.	L.S.	$_____
630.8010	Street Name Sign on Traffic Signal Mast Arm with Brackets	L.S.	L.S.	L.S.	$_____
631.5000	Regulatory Sign (10 Square Feet or Less)	L.S.	L.S.	L.S.	$_____
631.5001	Regulatory Sign (10 Square Feet or Less) with Post(s)	L.S.	L.S.	L.S.	$_____
631.5002	Regulatory Sign (More than 10 Square Feet)	L.S.	L.S.	L.S.	$_____
631.5003	Regulatory Sign (More than 10 Square Feet) with Post(s)	L.S.	L.S.	L.S.	$_____
631.5100	Warning Sign (10 Square Feet or Less)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.5101	Warning Sign (10 Square Feet or Less) with Post(s)	L.S.	L.S.	L.S.	$_____
631.5400	Directional Sign (10 Square Feet or Less)	L.S.	L.S.	L.S.	$_____
631.5500	Directional Sign (10 Square Feet or Less) with Post(s)	L.S.	L.S.	L.S.	$_____
631.5600	Directional Sign (More than 10 Square Feet)	L.S.	L.S.	L.S.	$_____
631.5700	Directional Sign (More than 10 Square Feet) with Post	L.S.	L.S.	L.S.	$_____
631.7000	Relocation of Existing Sign	L.S.	L.S.	L.S.	$_____
634.1000	Portland Cement Concrete Sidewalk	L.S.	L.S.	L.S.	$_____
638.2000	Curb and Gutter, Modified Type 2DG	L.S.	L.S.	L.S.	$_____
638.2200	Thru Gutter	L.S.	L.S.	L.S.	$_____
638.2300	Gutter, Type 2A	L.S.	L.S.	L.S.	$_____
638.2400	Curb & Gutter, Type 2DG	L.S.	L.S.	L.S.	$_____
638.2500	Curb, Type 2D	L.S.	L.S.	L.S.	$_____
639.2000	Curb, Type 6	L.S.	L.S.	L.S.	$_____
643.1000	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	$50,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR NIMITZ HIGHWAY AND ALA MOANA BOULEVARD IMPROVEMENTS WORK

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	$658,000.00
648.1000	Field Posted Drawings	L.S.	L.S.	L.S.	$_____
650.0010	Curb Ramp, Modified Type B	L.S.	L.S.	L.S.	$_____
650.0020	Curb Ramp, Type C (Special)	L.S.	L.S.	L.S.	$_____
650.1000	Curb Ramp, Modified Type C	L.S.	L.S.	L.S.	$_____
676.1000	Concrete Repair for Sidewalk on Bridge	L.S.	L.S.	L.S.	$_____
676.2000	Concrete Repair for Walls	L.S.	L.S.	L.S.	$_____
676.3000	Additional Concrete Repair	F.A.	F.A.	F.A.	$10,000.00
696.2000	Maintenance of Field Office	F.A.	F.A.	F.A.	$50,000.00
699.1000	Mobilization (Not to exceed 10% of the sum of all items excluding the bid price of this item, and force account items)	L.S.	L.S.	L.S.	$_____

a. Sum of All Nimitz Highway and Ala Moana Boulevard Improvements Work $_____

b. Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in '0') or Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% X a) ** $_____

c. Amount for Comparison of Bids (a+b) ** $_____

** All bidders must fill in b and complete c.

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.

PROPOSAL SCHEDULE FOR HECO UNDERGROUNDING LINES WORK
(FORT STREET TO HALEKAUWILA STREET)

ITEM NO.	ITEM	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT
107.2000	Removal and Disposal of Contaminated and/or Hazardous Materials	F.A.	F.A.	F.A.	$300,000.00
209.0101	Installation, Maintenance, Monitoring and Removal of BMP	L.S.	L.S.	L.S.	$_____
209.0201	Additional Waterpollution, Dust and Erosion Control	F.A.	F.A.	F.A.	$50,000.00
209.0301	Dewatering	F.A.	F.A.	F.A.	$70,000.00
212.1001	Archaeological Mitigation	F.A.	F.A.	F.A.	$3,000.00
621.1011	HECO 6 Ft. x 14 Ft. Manhole	5	Each	$_____	$_____
621.1016	HECO Manhole/Handhole Conduit Penetration	20	Each	$_____	$_____
621.4101	HECO Ductline, Four 4-Inch and Six 6-Inch Conduit Encased in Concrete Jacket (Section E1)	L.S.	L.S.	L.S.	$_____
623.7051	Loop Detector Sensing Unit (6x6) One Loop	11	Each	L.S.	$_____
645.1001	Traffic Control	L.S.	L.S.	L.S.	$_____
645.2001	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	$42,000.00
699.1001	Mobilization (Not to exceed 10% of the sum of all items excluding the bid price of this item, and force account items)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE FOR HECO UNDERGROUNDING LINES WORK
(FORT STREET TO HALEKAUWILA STREET)

a.	Sum of All HECO Undergrounding Work (Fort Street to Halekauwila Street) Items		$_____
b.	Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in '0') or Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% X a)	**	$_____
c.	Amount for Comparison of Bids (a+b)	**	$_____

** All bidders must fill in b and complete c.

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.

Total (Sum of All Nimitz Highway and Ala Moana Boulevard Improvement Work and HECO Undergrounding (Fort Street to Halekauwila Street) Work Items to be used for comparison $_____

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.