STATE OF HAWAII DEPARTMENT OF TRANSPORTATION AIRPORTS DIVISION

SPECIFICATIONS AND PROPOSAL

FOR

PAINTING OF ADMINISTRATIVE TOWER BUILDING

AT DANIEL K. INOUYE INTERNATIONAL AIRPORT

HONOLULU, OAHU, HAWAII

PROJECT NO. CO1334-73

NOTICE TO BIDDERS

(Chapter 103D, HRS)

SEALED BIDS for <u>PAINTING OF ADMINISTRATIVE TOWER BUILDING AT</u>

<u>DANIEL K. INOUYE INTERNATIONAL AIRPORT, HONOLULU, OAHU, HAWAII,</u>

<u>STATE PROJECT NO. CO1334-73,</u> will begin as advertised on <u>May 17, 2023,</u> in

HIePRO. Bidders are to register and submit bids through HIePRO only. See the following

HIePRO link for important information on registering: https://hiepro.ehawaii.gov/welcome.html.

Exhibits, specifications, proposal, contract forms, and any other applicable documents may be obtained from HIePRO.

Deadline to submit bids is <u>June 16, 2023</u>, at 2:00 P.M. Hawaii Standard time (HST). Bids received after said due date and time shall not be considered.

The scope of work consists of exterior painting of Terminal 2 Administrative Tower Building at Daniel K. Inouye International Airport. The estimated cost of construction is \$450,000.

To be eligible for award, bidders shall possess a valid State of Hawaii Specialty Contractor's "C-33" license at the time of bidding.

The GENERAL PROVISIONS dated 2016 applicable to this project are available on the internet at http://hidot.hawaii.gov/administration/con/.

All prospective bidders or their representatives (employees) are encouraged to attend, but attendance is not mandatory. Anything said at the conference is for clarification purposes and any changes to the bid documents will be made by addendum and posted in HIePRO.

All Questions and requests for information (RFI) applicable to the bid documents shall be submitted via HIePRO no later than 14 calendar days before bid opening. Questions received after the deadline will not be addressed. Verbal RFIs will not receive a response.

<u>Apprenticeship Preference</u>. A 5% bid adjustment for bidders that are parties to apprenticeship agreements pursuant to §103-55.6, HRS, is applicable to this project.

Employment of State Residents on Construction Procurement Contracts. Compliance with §103B-3, HRS is a requirement for this project whereby a minimum of 80% of the bidder's work force on this project shall consist of Hawaii residents.

Campaign contributions by State and County Contractors. Contractors are hereby notified of the applicability of §11-355, HRS, which states that campaign contributions are prohibited from specified State or county government contractors during the term of the contract if the contractors are paid with funds appropriated by a legislative body. For more information, contact the Campaign Spending Commission at (808) 586-0285.

<u>Protests</u>. Any protest of this solicitation shall be submitted in writing to the Director of Transportation, in accordance with §103D-701, HRS and §3-126, HAR.

The Equal Employment Opportunity Regulations of the Secretary of Labor implementing Executive Order 11246, as amended, shall be complied with on this project.

The U.S. Department of Transportation Regulation entitled "Nondiscrimination in Federally-Assisted Programs of the U.S. Department of Transportation," Title 49, Code of Federal Regulations (CFR), Part 21 is applicable to this project. Bidders are hereby notified that the Department of Transportation will affirmatively ensure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the grounds of race, color, national origin or sex (as directed by 23 CFR Part 200).

For additional information, please contact Mr. Derick Ebesuno, our Airports State Project Manager, by phone at (808) 836-6461 or via email at derick.t.ebesuno@hawaii.gov.

The State reserves the right to reject any or all proposals and to waive any defects in said proposals for the best interest of the public.

EDWIN H. SNIFFEN

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Director of Transportation

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JAMES K. TOKIOKA	
Deputy Director - Airports	
Posted:	

INSTRUCTIONS FOR CONTRACTOR'S LICENSING

"A" general engineering contractors and "B" general building contractors are reminded that due to the Hawaii Supreme Court's January 28, 2002 decision in Okada Trucking Co., Ltd. v. Board of Water Supply, et al., 97 Haw. 450 (2002), they are prohibited from undertaking any work, solely or as part of a larger project, which would require the general contractor to act as a specialty contractor in any area where the general contractor has no license. Although the "A" and "B" contractor may still bid on and act as the "prime" contractor on an "A" or "B" project (See, HRS § 444-7 for the definitions of an "A" and "B" project.), respectively, the "A" and "B" contractor may only perform work in the areas in which they have the appropriate contractor's license (An "A" or "B" contractor obtains "C" specialty contractor's licenses either on its own, or automatically under HAR § 16-77-32.). The remaining work must be performed by appropriately licensed entities. It is the sole responsibility of the contractor to review the requirements of this project and determine the appropriate licenses that are required to complete the project.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HONOLULU, HAWAII AIRPORTS DIVISION

SPECIAL PROVISIONS

SPECIAL PROVISIONS

The General Provision is amended as follows:

A. ARTICLE I - TERMS, ABBREVIATIONS, AND DEFINITIONS

1.3 <u>DEFINITIONS</u>

- 1. Add the following to 1.3 Definitions.
 - "HAWAII ePROCUREMENT SYSTEM (HIePRO) The State of Hawaii eProcurement System for issuing solicitations, receiving proposals and responses, and issuing notices of award."
- 2. The definition for "Subcontractor" is amended by deleting it and replacing it with the following:
 - "Subcontractor An individual, partnership, firm, corporation, or joint venture, or other legal entity, as licensed or required to be licensed under Chapter 444, Hawaii Revised Statutes, as amended, which enters into an agreement with the Contractor to perform a portion of the work."
- B. <u>ARTICLE II STANDARD PROVISIONS FOR COMPETITIVE SEALED BIDS AND AWARDS</u>
- 2.7 <u>REQUEST FOR SUBSTITUTION OF SPECIFIED MATERIALS AND EQUIPMENT BEFORE BIG OPENING</u> is amended as follows:
 - 1. The last sentence in the first paragraph (line 147 to 152) shall be replaced with the following:
 - "Where a bidder intends to use a material or equipment of an unspecified brand, make, or model, the bidder must submit a request to the Department for review and approval at the earliest date possible. Requests shall be submitted via email to the Contact person listed in HIePRO for the solicitation and also posted as a question in HIePRO under the question/answer tab referencing the email with the request. The request must be posted in HIePRO no later than seventeen (17) calendar days before the bid opening date, not including the bid opening date."

2. The first sentence in the second paragraph (line 154 to 156) shall be replaced with the following:

"It shall be the responsibility of the bidder to submit sufficient evidence based upon which a determination can be made by the Department that the alternate brand is a qualified equivalent."

2.8 PREPARATION AND DELIVERY OF BID is amended as follows: Last Paragraph (line 189 to 192) shall be replaced with the following:

"The bidder shall submit the proposal in HIePRO. The proposal shall be UPLOADED to HIePRO prior to the bid opening date and time. Proposals received after said due date and time shall not be considered. Original (wet ink) proposal documents are not required to be submitted. The award will be made based on proposals uploaded in HIePRO. Any and all other additional documents explicitly designated and labeled as CONFIDENTIAL OR PROPRIETARY shall be UPLOADED SEPARATELY to HIePRO."

- 2.11 <u>BID SECURITY</u> is amended by deleting (a) and replacing it with:
 - "(a) Unless directed otherwise in the invitation for bids, each bid shall be accompanied by bid security which is intended to protect the Department against the failure or refusal of a bidder to execute the contract for the work bid or to supply the required performance and payment bonds. Bid security shall be in an amount equal to at least five percent of the base bid and additive alternates. Bid security shall be in one of the following forms:
 - (1) A deposit of legal tender;
 - (2) A valid surety bid bond, underwritten by a company licensed to issue bonds in the State of Hawaii; or
 - (3) A certificate of deposit; credit union share certificate; or cashier's, treasurer's, teller's, or official check drawn by or a certified check accepted by a bank, savings institution, or credit union insured by the Federal Deposit Insurance Corporation (FDIC) or the National Credit Union Administration (NCUA) and payable at sight or unconditionally assigned to the Department. These instruments may be utilized only to a maximum of one hundred thousand dollars (\$100,000.00). If the required amount totals over one hundred thousand dollars (\$100,000.00), more than one instrument not exceeding one hundred thousand dollars (\$100,000.00) each and issued by different financial institutions shall be accepted.

- (4) Proposal Guaranty listed in (1) and (3) shall be in its original form, and shall be received at the Contracts Office, Department of Transportation, Aliiaimoku Hale, 869 Punchbowl Street, Room 105, Honolulu, Hawaii 96813 before the bid deadline."
- 2.12 <u>PRE-OPENING MODIFICATION OR WITHDRAWAL OF BIDS</u> is amended by deleting 2.12 PRE-OPENING MODIFICATION OR WITHDRAWAL OF BIDS in its entirety and replacing with the following:
 - "2.12 PRE-OPENING MODIFICATION OF WITHDRAWAL OF BIDS. A bidder may withdraw or modify a proposal after the bidder submits the proposal in HIePRO. Withdrawal or modification of proposal must be completed before the time set for the receiving of bids."
- 2.14 <u>PUBLIC OPENING OF BIDS</u> is amended by deleting 2.14 PUBLIC OPENING OF BIDS in its entirety.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HONOLULU, HAWAII

SPECIFICATIONS

PART I

GENERAL PROVISIONS

The Hawaii Department of Transportation AIR and WATER Transportation Facilities Division General Provisions for Construction Projects dated 2016 is not physically included in these specifications. The General Provisions are available at

http://hidot.hawaii.gov/administration/con/

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HONOLULU, HAWAII AIRPORTS DIVISION

SPECIFICATIONS PART II – TECHNICAL PROVISIONS

SECTION 01010 – DESCRIPTION OF WORK

PART 1 - GENERAL

- 1.1 <u>GENERAL</u> All work is subject to the requirements of the General Provisions and these Technical Provisions. Where the requirements of the General Provisions differ from the requirements of these Technical Provisions, the requirements of these Technical Provisions take precedence over the corresponding conflicting requirements of the General.
- 1.2 <u>LAWS TO BE OBSERVED</u> The Contractor shall at all times observe and comply with all Federal, State, City and County laws, ordinances, rules and regulations which in any manner affect those engaged or employed in the work, the materials used in the work, and the conduct of the work. The Contractor shall also comply with all such orders and decrees of bodies of tribunals having any jurisdiction or authority over the work. Any reference to such laws, ordinances, rules and regulations shall include any amendments thereto.

The Contractor shall hold harmless, indemnify, defend and where appropriate, insure the State and all its officers, agents and employees against any claim or liability arising from or based on the violation of any such laws, ordinances, rules and regulations, orders or decrees, whether such violation is committed by the Contractor or his subcontractor or the employees of either or both. If any discrepancy or inconsistency is discovered in the contract for the work in relation to any such laws, ordinances, rules and regulations, orders or decree, the Contractor shall forthwith report the same to the Airport Project Manager in writing.

1.3 <u>PERMITS, LICENSE AND TAXES</u> – The Contractor shall procure all permits and licenses, pay all charges, fees and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the work.

1.4 PUBLIC CONVENIENCE AND SAFETY

- A. The Contractor shall at all times conduct his work to assure that least possible obstruction to public traffic. The safety and convenience of the general public and the protection of persons and property shall be provided for by the Contractor.
- B. The Contractor shall take all necessary precautions to protect all his workmen and all other personnel from injuries. The rules and regulations promulgated by the Occupational Safety and Health Acts (OSHA) are note physically included herein but included by reference and are applicable and made a part of these specifications.

1.5 SECURITY REQUIREMENTS

AOA Badges – All Contractor personnel accessing the AOA must possess an AOA Badge with unescorted access. AOA temporary escort badges will only be issued when the State deems an emergency situation requires their use. All fees associated with obtaining personnel and vehicle security clearance shall be borne by the Contractor. Information regarding fees may be obtained by calling Daniel K. Inouye International Airport (HNL), Pass & ID Office at (808) 836-6427. The Contractor shall note that it may take approximately three (3) to four (4) weeks to obtain badges.

- 1.6 <u>PROTECTION AND RESTORATION OF PROPERTY</u> The Contractor shall be responsible for the preservation of all public and private property.
 - A. The Contractor shall be responsible for all damage or injury to property of any character, during the prosecution of the work, resulting from any act, omission, neglect, or misconduct in his manner or method of executing the work, or due to defective work or materials.
 - B. When or where any direct or indirect damage or injury is done to the public or private property by or on account of any act, omission, neglect, or misconduct of the Contractor, his employees or agents, the Contractor shall, at his own expense, restore, repair, or rebuild such property to a condition similar or equal to that existing before such damage or injury was done or make restitution in an acceptable manner.
- 1.7 <u>INSURANCE</u> The Contractor shall be required to have insurance for this contract in accordance with the General Provisions Section 7.1.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION

- 3.1 <u>WORK SCHEDULE AND HOURS</u> Work shall be performed Monday to Friday excluding State Holidays. Work hours shall be 7:00 AM to 3:30 PM daily unless otherwise agreed upon with the State Project Manager.
- 3.2 <u>TIME OF COMPLETION AND LIQUIDATED DAMAGES</u> All work shall be completed within One Hundred Twenty Calendar Days (120) from the date indicated on the Notice to Proceed. Liquidated Damages of One Hundred Dollars (\$100.00) per day will be assessed for each day beyond the completion time.
- 3.3 <u>COORDINATION OF WORK</u> All work shall be coordinated with the State Project Manager and the Airport Code 22 Duty Managers.

- 3.4 <u>INSPECTION</u> All work is subject to inspection by the State.
- 3.5 <u>PARKING FOR WORK</u> Due to limited parking at the Airport, employee parking will not be provided for the work. Arrangements will be made for marked Contractor vehicles at the jobsite only. Monthly paid parking may be available for Contractor employees through the Airport Parking concession.

PART 4 – MEASUREMENT AND PAYMENT

4.1 <u>PAYMENT</u> - All work of this section shall be considered incidental to the work unless specified within the Proposal Schedule.

-- END OF SECTION --

SECTION 01210 - ALLOWANCES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

The GENERAL PROVISIONS of the Contract, SPECIAL PROVISIONS, and DIVISION 1 - GENERAL REQUIREMENTS of the Specifications apply to the work specified in this Section.

1.02 GENERAL REQUIREMENTS

- A. This Section includes administrative and procedural requirements governing allowances. Certain materials, equipment, and services are specified in the Contract Documents by allowances. Allowances have been established in lieu of additional requirements and to defer selection of actual materials, equipment, and services to a later date when additional information is available for evaluation.
- B. Related Sections include Divisions 1 through 16 Sections for items of Work covered by allowances.
- C. Allowances shall be used at the State's discretion only for purposes as directed by the Engineer.
- D. Contractor's overhead, profit, and related costs for products, equipment, and services ordered by the State under the allowance are included in the allowance. These costs include delivery, installation, taxes, insurance, equipment rental, and similar costs.

1.03 <u>SUBMITTALS</u>

- 1. Submit proposals for purchase of materials, equipment, or systems included in allowances.
- 2. Submit invoices or delivery slips to show actual quantities of materials and equipment delivered to the site for use in fulfillment of each allowance.
- 3. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.01 EXAMINATION

Examine materials and equipment covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement at no additional cost to the State.

3.02 PREPARATION

Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

PART 4 - MEASUREMENT AND PAYMENT

4.01 BASIS OF MEASUREMENT AND PAYMENT

Unforeseen work conditions encountered by the Contractor shall be paid for under an allowance item in the Proposal Schedule. The allowance for unforeseen conditions shall be used as needed and shall not exceed the amount shown in the Proposal Schedule.

ItemDescriptionUnit09901.4Allowance for Unforeseen ConditionsAllowance

--END OF SECTION--

SECTION 01533 - BARRICADES

PART I -GENERAL

1.01 <u>RELATED DOCUMENTS</u>

The GENERAL PROVISIONS of the Contract, SPECIAL PROVISIONS, and DIVISION 1 - GENERAL REQUIREMENTS of the Specifications apply to the work specified in this Section.

1.02 BARRICADES

- A. The Contractor shall take precaution to protect people and property from injury and damage. He shall erect barricades to delineate his work areas and provide the appropriate signing, hazard lights, and temporary paint striping as directed by the Engineer, to aid public and airport pedestrian and vehicular traffic around his work areas. Barricades shall be traffic cones, delineators, blinker barricades, caution tape, sawhorses, plywood barricades or other barriers as approved by the Engineer to effectively provide proper protection.
- B. The Contractor shall be responsible for his own security and protection of his property, including staging areas.
- C. Barricades, in general, shall be neat and in good condition, as required for protection. In areas frequented by the general public, the barricades shall be visually presentable and plywood partitions shall be painted. Where dust is a problem, the Contractor shall erect floor to ceiling dust proof partitions.
- D. The Contractor shall coordinate and sequence this work with the Engineer to permit the continuing operation of the existing Airport facility.
 Barricades shall be removed upon the completion and acceptance of work and the premises left clean and operational.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

PART4 - MEASUREMENT AND PAYMENT

4.01 BASIS OF MEASUREMENT AND PAYMENT

Work under this Section will not be measured nor paid for separately but shall be considered incidental to and included in the contract LUMP SUM PRICE.

--END OF SECTION--

SECTION 01560 - ENVIRONMENTAL CONTROLS

PART I – GENERAL

1.1 RELATED DOCUMENTS

- A. The General Provisions, Special Provisions, and Technical Provisions, apply to the work specified in this section. Special attention is directed to the following Articles:
 - 1. State of Hawaii, Air and Water Transportation Facilities Division, General Provisions for Construction Projects, Article VI, Control of Materials, Paragraph 6.8 Non-Conforming Materials.
 - State of Hawaii, Air and Water Transportation Facilities Division, General Provisions for Construction Projects, Article VII, Legal Relations and Responsibility to Public, Paragraph 7.14 Pollution Control and Protection of Archeological Historical, and Burial Sites.
 - 3. State of Hawaii, Air and Water Transportation Facilities Division, General Provisions for Construction Projects, Article VII, Legal Relations and Responsibility to Public, Paragraph 7.17 Contaminated or Hazardous Items and Material; Regulated Items and Material; Waste.
 - 4. Section 01561 Construction Site Runoff Control Program.
 - 5. Section 01562 Management of Contaminated Medias.
- B. The latest version of the State of Hawaii, Department of Transportation, Airports Division (DOTA) Construction Activities BMP Field Manual.

1.2 ENVIRONMENTAL PROTECTION

With the exception of those measures set forth elsewhere in these specifications, environmental protection shall consist of the prevention of environmental pollution as the result of construction operations under this contract. For the purpose of this specification, environmental pollution is defined as the presence of chemical, physical, or biological elements or agents which adversely affect human health or welfare, unfavorably alter ecological balances of importance to human life, affect other species of importance to man, or degrade the utilization of the environment for aesthetic and recreational purposes.

1.3 <u>APPLICABLE REGULATIONS</u>

In order to provide abatement and control of environmental pollution arising from the construction activities of the Contractor and their Subcontractors in the performance of this contract, the work performed shall comply with the intent of all applicable Federal, State, and Local laws and regulations concerning environmental pollution control and abatement, including, but not limited to, the following regulations:

- A. State of Hawaii, Department of Health, Administrative Rules, Chapter 55, WATER POLLUTION CONTROL; Chapter 54, WATER QUALITY STANDARDS.
- B. State of Hawaii, Department of Health, Administrative Rules, Chapter 59, AMBIENT AIR QUALITY, Chapter 60.1, AIR POLLUTION CONTROL.
- C. State of Hawaii, Department of Health, Administrative Rules, Chapter 42, VEHICULAR NOISE CONTROL.
- D. State of Hawaii, Department of Health, Administrative Rules, Chapter 46, COMMUNITY NOISE CONTROL.
- E. State of Hawaii, Occupational Safety and Health Standards, Title 12, Department of Labor and Industrial Relations, Subtitle 8, Division of Occupational Safety and Health, Part 3 Construction Standards, Chapter 145 Asbestos.
- F. Environmental Protection Agency, Code of Federal Regulations Title 40, Part 61, Subpart M (Revised Subpart B), NATIONAL EMISSION STANDARDS FOR AIR POLLUTANTS and Subpart B, NATIONAL EMISSION STANDARDS FOR ASBESTOS; Final Rule dated November 20, 1990.
- G. U.S. Department of Labor Occupational Safety and Health Administration (OSHA) Asbestos Regulations, Code of Federal Regulations Title 29, Parts 1910, 1915 and 1926, Occupational Exposure to Asbestos, Final Rule dated August 10, 1994.

1.4 SUBMITTALS

The Contractor shall submit the following items within 30 calendar days after the Notice to Proceed Date:

A. Submit proposed means, methods, techniques and procedures to be used for environmental control.

PART 2 – PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.1 <u>AIR POLLUTION CONTROL</u>

- A. Emission: The Contractor shall not be allowed to operate equipment and vehicles that show excessive emissions of exhaust gases until corrective repairs or adjustments are made, as determined by the Engineer.
- B. Dust: The Contractor, for the duration of the contract, shall maintain all excavations, embankments, haul roads, permanent access roads, plant sites, waste disposal areas, borrow areas, and all other work areas within or without the project limits free

from dust which would cause a hazard to the work or operations of other Contractors, or to persons or property. Industry-accepted methods of stabilization suitable for the area involved, such as sprinkling or similar methods, will be permitted. Chemical or oil treating shall not be used.

C. Burning on Airport property shall not be permitted.

3.2 WATER POLLUTION CONTROL

- A. Wastes: The Contractor shall not deposit, at the airport site or in its vicinity, solid waste or discharge liquid waste, such as fuels, lubricants, bituminous waste, untreated sewage, and other pollutants which may contaminate the body of ground water.
- B. Spillages: Care shall be taken to ensure that no petroleum products, bituminous materials, or other deleterious substances, including debris, are allowed to fall, flow, leach, or otherwise enter the sewage systems or storm drains.
- C. Erosion: The Contractor shall provide any necessary temporary drainage, dikes, and similar facilities to prevent erosion damage to the site. Run-off shall be controlled to prevent damage to the surrounding area.

3.3 NOISE CONTROL

Construction equipment shall be equipped with suitable mufflers to maintain noise within levels complying with applicable regulations.

3.4 DISPOSAL

Construction waste, such as crates, boxes, building materials, pipes, and other rubbish shall be properly disposed of at a licensed landfill. Please consult with the local landfill to ensure that objects meet the specific landfill's requirements for size, type, etc. Other areas or methods proposed by the Contractor will be approved only if the Engineer determines that their effect on the environment is equal to or less than those described herein.

3.5 <u>HAZARDOUS MATERIALS CONTROL</u>

A. The use of hazardous materials, i.e., asbestos and PCB, in the construction of this project shall be strictly prohibited. Any corrective action to remove and replace the hazardous material and contaminated work shall be at the sole expense of the Contractor.

B. DEFINITIONS

1. HAZARDOUS SUBSTANCE – Any substance designated pursuant to Section 311(b)(2)(A) of the Clean Water Act; any element, compound, mixture, solution, or substance designated pursuant to Section 102 of the

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); any hazardous waste having the characteristics identified under or listed pursuant to Section 3001 of the Solid Waste Disposal Act; any toxic pollutant listed under Section 307(a) of the Clean Water Act; any hazardous air pollutant listed under Section 112 of the Clean Air Act, as amended (42 U.S.C. §§7401-7626); any imminently hazardous chemical substance or mixture regulated under Section 7 of the Toxic Substances Control Act, as amended (15 U.S.C. §§2601-2671), oil, trichloro propane, and any other substance or pollutant or contaminant designated by rules adopted pursuant to this chapter (Chapter 128D, Hawaii Revised Statutes)

- 2. OIL Oil Waste of any kind or in any form, including, but not limited to, petroleum, fuel oil, sludge, oil refuse, oil mixed with waste, crude oil or any faction or residue.
- 3. POLLUTANT OR CONTAMINANT Any element, substance, compound, or mixture, which after release into the environment and upon exposure, ingestion, inhalation, or assimilation into any organism either directly from the environment or indirectly by ingestion through food chains, will or may reasonably be anticipated to cause death, disease, behavioral abnormalities, cancer, genetic mutation, physiological malfunctions (including malfunctions in reproduction) or physical deformation, in such organism or their offspring.

PART 4 – MEASUREMENT AND PAYMENT

4.1 BASIS OF MEASUREMENT AND PAYMENT

Work under this Section will not be measured for payment, but will be paid for at the Contract Lump Sum Price.

END OF SECTION

SECTION 01561 - CONSTRUCTION SITE RUNOFF CONTROL PROGRAM

PART 1 – GENERAL

1.1 <u>DESCRIPTION</u>

This Section describes the following:

- (A) The Contractor shall comply with the following referenced documents:
 - State of Hawaii, Department of Transportation, Airports Division (DOTA)
 Construction Activities Best Management Practices (BMP) Field Manual, in
 developing, installing, and maintaining Site-Specific BMPs for all projects.
 - DOTA's Storm Water Programs (SWMPP) for the Daniel K. Inouye International Airport (HNL) and Kahului Airport (OGG), as applicable.
 - Hawaii Administrative Rules (HAR) Chapters 11-54, 11-55, and 11-60.
 - Honolulu's City and County "Rules Relating to Water Quality" for all projects on Oahu. Use respective Soil Erosion Guidelines for Maui, Kauai and Hawaii projects.
 - Applicable Federal, State and Local Permit Conditions.
 - All other documents referenced in this Section.

For any conflicting requirements between the referenced documents and applicable bid documents, the stricter requirement will prevail and govern. Should a requirement not be clearly described within the applicable bid documents, notify the Engineer immediately for interpretation. For the purposes of clarification, "applicable bid documents" include the construction plans, specifications, and Permits.

- (B) Detailed plans, diagrams, and written Site-Specific Best Management Practices (BMPs); construction, maintenance, and repair of temporary water pollution, dust, and erosion control measures at the project site, including local material sources, work areas, and haul roads; removal and disposal of hazardous wastes; control of fugitive dust (defined as uncontrolled emission of solid airborne particulate matter from any source other than combustion).
- (C) Work associated with construction stormwater, dewatering, and hydrotesting activities and compliance with conditions of the Notice of General Permit Coverage (NGPC) or National Pollutant Discharge Elimination System (NPDES) permit(s) authorizing discharges associated with construction stormwater, dewatering, and hydrotesting activities.
- (D) Potential pollutant identification and mitigation measures, listed in Appendix A for use in the development of the Contractor's Site-Specific BMP.

Requirements of this Section also apply to construction support activities including: concrete or asphalt batch plants, rock crushing plants, equipment staging yards/areas,

material storage areas, excavated material disposal areas, and borrow areas located both inside and outside of the Airport Property and State Right-of-Way. For areas serving multiple construction projects or operating beyond the completion of the construction project in which it supports, the Contractor shall be responsible for securing the necessary permits, clearances, and documents, and following the conditions of the permits and clearances, at no cost to the State.

The Contractor shall be responsible for all applicable subcontractors, suppliers and vendors, and shall ensure that the means and methods of construction activities of applicable subcontractors, suppliers and vendors are in full compliance with this Section.

PART 2 PRODUCTS

2.1 MATERIALS

Comply with applicable materials described in the current DOTA "Construction Activities BMP Field Manual" and Section 3 and 4 of the current City and County of Honolulu "Storm Water Best Management Practice Manual." Refer to FAA Advisory Circulars and DOTA District, including Wildlife Hazard Management Plan, for additional guidance and conditions.

In addition, materials shall comply with the following:

(A) Grass. The FAA and USDA recommend the following grass species when requiring grass: "No-Mow" bermudagrass ("Green Velvet") (Cynodon dactylon) or Seashore paspalum (Paspalum vaginatum). These species both possess higher than average drought resistance, saline soil tolerances, and, most importantly, do not produce seed heads attractive to the majority of hazardous avian species. It is recommended that stolons, sprigs, or plugs be used to avoid providing hazardous species with a readily available food source. The use of seeds shall not be allowed

Alternative grass species shall only be applied with the approval of the DOTA Environmental Section. This includes, but not limited to, sodding, cuttings, and planting. Grass shall be a quick-growing species. Grass shall be suitable to the area and provide a temporary cover that will not compete later with permanent cover. The grass label or tag shall be provided to the DOTA Environmental Section.

Irrigation of these grass shall be done during the hours of darkness to avoid providing another hazardous wildlife attractant.

(B) Fertilizer and Soil Conditioners. Fertilizer and soil conditioners shall conform to Hawaii Standard Specifications for Road and Bridge Construction 2005 or latest edition, Subsection 619.02(H)(1) – Commercial Fertilizer. Fertilizers shall not be applied during inclement weather or rain events.

The use of alternative types of fertilizer and soil conditioners shall be subject to the approval of the DOTA Environmental Section.

- (C) <u>Hydro-mulching.</u> Hydro-mulching used as a temporary stabilization measure shall consist of specially processed fiber which shall form a homogeneous slurry after addition and agitation in hydro-mulch applicator equipment.
 - Mulches shall be recycled materials including bagasse, hay, straw, wood cellulose bark, wood chips, or other material acceptable to the DOTA Environmental Section. Mulches shall be clean and free of noxious weeds and deleterious materials.
 - 2. Potable water shall meet the requirements of Hawaii Standard Specifications for Road and Bridge Construction 2005 or latest edition, Subsection 712.01 Water. Submit alternate sources of irrigation water to the Engineer for acceptance by the DOTA Environmental Section if deviating from 712.01 Water.
 - 3. Soil and Mulch Tackifier shall meet the requirements and installation in accordance with portions of Hawaii Standard Specifications for Road and Bridge Construction 2005 or latest edition, Section 641 Hydro-Mulch Seeding, including 641.02(D) Soil and Mulch Tackifier. The use of seeds in the hydro-mulch mixtures shall not be allowed.

Alternative materials or methods to control, prevent, remove, and dispose pollution are allowable if acceptable to the DOTA Environmental Section.

PART 3 EXECUTION

3.1 PRECONSTRUCTION REQUIREMENTS

- (A) Water Pollution, Dust, and Erosion Control Meeting.
 - Schedule a water pollution, dust, and erosion control meeting with the Engineer after the Site-Specific BMP Plan is submitted to the Engineer and accepted in writing by the DOTA Environmental Section. The meeting shall be scheduled a minimum of 14 calendar days prior to the Start Work Date. At a minimum, the meeting shall be attended by the Contractor, applicable subcontractors, Engineer, DOTA Environmental Section and/or any authorized representatives of the designated attendees. The meeting will discuss the sequence of work, and plans and proposals for water pollution, dust, and erosion controls.
- (B) Water Pollution, Dust, and Erosion Control Submittals.

 Submit a Site-Specific BMP Plan within 30 calendar days of Contract Execution to the Engineer for acceptance by the DOTA Environmental Section. Submission of the complete and acceptable Site-Specific BMP Plan is the sole responsibility of

the Contractor, and additional contract time will not be issued for delays due to incompleteness.

Include the following:

- Written description of activities to minimize water pollution and soil erosion into drainage systems, sewer systems, and State waters. Include proposed means, methods, techniques, and procedures to be used for environmental control. BMP shall include, but not limited to, the following:
 - a. An identification of potential pollutants and their sources.
 - b. A list of all materials and heavy equipment to be used during construction.
 - c. Descriptions of the methods and devices used to minimize the discharge of pollutants into drainage systems, sewer system, and State waters.
 - d. Details of the procedures used for the maintenance and subsequent removal of any erosion or siltation control devices.
 - e. Methods of removing and disposing hazardous wastes encountered or generated during construction.
 - f. Methods of removing and disposing concrete and asphalt pavement cutting slurry, concrete curing water, and hydro-demolition water.
 - g. Spill Control and Prevention, and Emergency Spill Response Plan.
 - h. Fugitive dust control, including dust from earth-disturbing, hauling, grinding, sweeping, or brooming off operations, or combination thereof.
 - i. Methods of storing and handling of oils, paints, and other products used for the project.
 - j. Material storage and handling areas, and other staging areas, including storage of reinforcing steel and building material.
 - k. Concrete truck washouts.
 - I. Concrete waste and asphalt concrete waste control.
 - m. Fueling and maintenance of vehicles and other equipment.
 - n. Tracking of sediment offsite from project entries and exits.

- o. Litter management. Prevention of Foreign Object Debris (FOD) is essential.
- p. Sanitary/Septic Waste Management and Facilities.
- q. Stockpiles of Aggregates, Soils, Asphalt Concrete Material, Concrete Waste, and Asphalt Concrete Waste.
- r. Methods of Handling and Removal of Contaminated Soils and Groundwater encountered or generated during construction.
- s. Methods and Procedures for Dewatering.
- t. Methods and Procedures for Hydro-Testing.
- u. Methods and Practices for proper Housekeeping, including excessive sawdust; concrete spill prevention and removal; and collection and removal of building materials waste, such as tie wires, reinforcing steel, and lumber.
- v. Other factors that may cause water pollution, dust, and erosion control.
- 2. Plans indicating location of water pollution, dust and erosion control devices; plans and details of BMP measures and devices to be installed or utilized; identify areas of soil disturbance in cut and fill; indicate areas used for construction staging and storage, including items (1) through (22) above, storage of aggregate (indicate type of aggregate), asphalt cold mix, soil or solid waste, equipment and vehicle parking, and areas where vegetative practices are to be implemented. Indicate intended drainage pattern on plans. Include flow arrows. Include separate drawing for each phase of construction that alters drainage patterns.
- 3. Dates when BMP measures will be installed and removed.
- 4. Name(s) of specific individual(s) designated responsible for the Contractor's Construction Site Runoff Control Program. Include cellular and business telephone numbers, fax numbers, and e-mail addresses. These individuals shall be available 24 hours a day, 7 days a week.
- 5. Description of fill material to be used.
- 6. For projects with an NGPC or NPDES Permit for Construction Activities, submit information to address all sections in the Storm Water Pollution Prevention Plan (SWPPP), as described in HAR Chapter 11-55, Appendix C. Section 7.

- 7. For projects with an NGPC or NPDES Permit, submit information required for compliance with the conditions of the Notice of General Permit Coverage (NGPC)/NPDES Permit.
- 8. Date and sign the Site-Specific BMP Plan.

Modify, as necessary, and resubmit amended Site-Specific BMP plans and construction schedules to the Engineer for acceptance by DOTA Environmental Section. Modify the Site-Specific BMP Plan to address, but not limited to, the following.

- 1. To correct conditions that develop during construction which were unforeseen during the design and pre-construction stages.
- 2. Changes to the Contractor's Means and Method of Construction.
- 3. Omitted conditions that should have been allowed for in the accepted Site-Specific BMP Plan.
- 4. A Site-Specific BMP measure that replaces an accepted Site-Specific BMP measure that was not satisfactorily performing.
- 5. Revised dates of installation and/or removal of Site-Specific BMP measures.

The modifications shall be submitted to the Engineer and accepted in writing by DOTA Environmental Section before implementing the revised Site-Specific BMPs in the field. Amendments to the Site-Specific BMP Plan shall be included with the original Site-Specific BMP Plan.

A copy of the accepted original Site-Specific BMP Plan and all accepted amended Site-Specific BMP Plans, with the signed certification by the authorized representative listed in the NGPC or NPDES Permit, shall be kept on site or at an accessible location so that it can be made available at the time of an on-site inspection, or upon request by the Engineer, DOTA Environmental Section, DOTA's Third Party Inspector, and/or DOH/EPA Representative.

(C) <u>Discharges of Stormwater Associated with Construction Activities.</u> If the project scope consists of ground disturbing activities and the total work area, including all construction support activity areas (i.e. storage and/or staging areas), is one acre or more, an NPDES Permit authorizing Discharges of Storm Water Associated with Construction Activity (CWB-NOI Form C) or Individual Permit authorizing stormwater discharges associated with construction activity is required from the Department of Health Clean Water Branch (DOH-CWB).

Do not begin construction activities until all required conditions of the permit are met and submittals detailed in Subsection 01561.3.1(B) – Water Pollution, Dust, and Erosion Control Submittals are completed, submitted to the Engineer and accepted in writing by the DOTA Environmental Section.

(D) <u>Discharges Associated with Hydrotesting Activities.</u> If hydrotesting activities require effluent discharge into State waters or drainage systems, an NPDES Hydrotesting Waters Permit (CWB-NOI Form F) or Individual Permit authorizing discharges associated with hydrotesting is required from the DOH-CWB.

Do not begin hydrotesting activities until the DOH-CWB has issued an Individual NPDES Permit or Notice of General Permit Coverage (NGPC). Conduct Hydrotesting operations in accordance with the conditions of the permit or NGPC.

(E) <u>Discharges Associated with Dewatering Activities.</u> If dewatering activities require effluent discharge into State waters or drainage systems, an NPDES Dewatering Permit (CWB-NOI Form G) or Individual Permit authorizing discharges associated with dewatering is required from the DOH-CWB.

Do not begin dewatering activities until the DOH-CWB has issued an Individual NPDES Permit or Notice of General Permit Coverage (NGPC). Conduct dewatering operations in accordance with the conditions of the permit or NGPC.

- (F) <u>Solid Waste Disclosure.</u> Submit the Solid Waste Disclosure Form for Construction Sites, if applicable, to the Engineer within 30 calendar days of Contract Execution or upon the discovery of the solid waste. Provide a copy of all the disposal receipts from the facility permitted by the Department of Health to receive solid waste to the Engineer. This should also include documentation from any intermediary facility where solid waste is handled or processed.
- (G) Construction BMP Training. The Contractor's representative(s), identified in Section 01561.3.1(B)(4), responsible for the Contractor's Construction Site Runoff Control Program, site managers, and appropriate subcontractors' personnel shall be properly trained on environmental compliance by attending a designated DOTA training seminar (e.g. HDOT's Protect Our Water Conference) or viewing the DOTA construction and post-construction training available at:

http://hidot.hawaii.gov/airports/doing-business/engineering/environmental/construction-site-runoff-control-program

Submit completed Training Roster and Construction Training Quizzes to the DOTA Environmental Section (fax: 808-838-8017 or email to dot.air.environmental@hawaii.gov) prior to the start of construction activities.

Individual workers must be trained on their site-specific BMPs by the Contractor's representative(s) and managers who are knowledgeable in the proper

manufacturer's installation, maintenance, and repair of the BMP product, or the manufacturer's authorized instructor. The Contractor shall keep training logs updated and readily available.

(H) <u>Health and Safety Plan.</u> A site-specific Health and Safety Plan for excavation work conducted in the known or suspected area of contamination shall be prepared and submitted at least 15 calendar days prior to initiating any excavation work. The Plan shall be applicable to Federal and State regulations.

The Contractor shall retain and pay for the services of a Certified Industrial Hygienist (CIH), certified by the American Board of Industrial Hygiene, to certify training, and review and approve the Health and Safety Plan, excavation procedures, including the determination of the need for personal protective equipment.

The Health and Safety Plan shall describe methods, techniques, and phases for handling the contaminated soil and groundwater, if present, including:

- 1. A sequence of operations.
- 2. Method of excavation, transporting, and disposal.
- 3. Soil Stockpiling and Groundwater Storage procedures.
- 4. Proposed equipment.
- 5. Provisions to ensure that chemical and petroleum constituent concentrations, both airborne and in the soil, are below the Department of Health Environmental Action Level (EAL), Permissible Exposure Limit (PEL) and below the Lower Explosive Limit (LEL). Provide soil testing, air monitoring, personnel monitoring, and air sampling to ensure worker safety as determined by CIH. If airborne concentrations exceed the PEL or the LEL at the control area boundary, then, work must stop immediately and the Engineer and DOTA Environmental Section notified.

3.2 CONSTRUCTION REQUIREMENTS

Do not begin work until submittals detailed in Subsection 01561.3.1(B) – Water Pollution, Dust, and Erosion Control Submittals are completed, submitted to the Engineer and accepted in writing by the DOTA Environmental Section, and required conditions of the NPDES Permit and other applicable permits are met.

Do not expose or disturb surface area of earth material, or initiate any ground-disturbing activities (including clearing and grubbing) until BMPs are installed, functional and accepted in writing by DOTA Environmental Section and/or their designated authorized representative. Only the soil, to the extent that is required to install the BMP measures and devices, shall be disturbed and minimized to the extent possible.

Install, maintain, monitor, repair and replace BMPs, such as for water pollution, dust, and erosion control; installation, monitoring, and operation of hydrotesting activities; removal and disposal of hazardous waste indicated on plans, concrete cutting slurry, concrete curing water; or hydro-demolition water. Address all comments received from the Engineer, DOTA Environmental Section and/or DOTA's Third-party inspector.

Coordinate temporary control provisions with permanent control features throughout the construction and post-construction period.

Protect temporarily or permanently disturbed soil surface from rainfall impact, runoff, and wind before the end of each work day. Coordinate and schedule the work to the maximum extent possible to minimize the amount of exposed or disturbed surface area of earth material.

Immediately <u>initiate</u> stabilizing exposed soil areas upon completion of earth disturbing activities for areas permanently or temporarily ceased on any portion of the site. Earth-disturbing activities have permanently ceased when clearing and excavation within any area of the construction site that will not include permanent structures has been completed. Earth-disturbing activities have temporarily ceased when clearing, grading, or excavation within any area of the site will not resume for a period of 14 or more calendar days, but such activities will resume in the future. The term "immediately" is used in this section to define the deadline for <u>initiating</u> stabilization measures. "Immediately" means as soon as practicable, but no later than the end of the next work day, following the day when the earth-disturbing activities have temporarily or permanently ceased.

Any of the following types of activities constitutes *initiation of stabilization*:

- 1. Prepping the soil for vegetative or non-vegetative stabilization;
- 2. Applying mulch or other non-vegetative product to the exposed area;
- 3. Planting the exposed area;

- 4. Starting any of the activities in items (1) (3) above on a portion of the area to be stabilized, but not on the entire area; and
- 5. Finalizing arrangements to have stabilization product fully installed in compliance with the deadline for completing initial stabilization activities.

After the initiation of stabilization, <u>stabilization activities shall be completed by the following</u> deadline.

- 1. For projects with an NGPC or NPDES Permit for Construction activities:
 - (a) For construction areas discharging into waters not impaired for nutrients or sediments, complete stabilization within 14 calendar days after the temporary or permanent cessation of earth-disturbing activities.
 - (b) For construction areas discharging into nutrient or sediment impaired waters, complete stabilization within 7 calendar days after the temporary or permanent cessation of earth-disturbing activities.
- 2. For projects without an NGPC or NPDES Permit for Construction activities, complete stabilization within 14 calendar days after the temporary or permanent cessation of earth-disturbing activities.

Any of the following types of activities constitutes completion of stabilization activities:

- 1. For vegetative stabilization, all activities necessary to initially plant the area to be stabilized; and/or
- 2. For non-vegetative stabilization, the installation or application of all such non-vegetative measures.

If the Contractor is using vegetative cover for temporary or permanent stabilization and is unable to meet the deadlines above due to circumstances beyond the Contractor's control, the Contractor shall notify and provide documentation of the circumstances to the Engineer for acceptance by DOTA Environmental Section. The Contractor shall include in their documentation the schedule that the Contractor will follow for initiating and completing stabilization. If agreed to by DOTA Environmental Section, the Contractor may, instead, comply with the following stabilization deadlines:

- 1. Immediately initiate, and complete within the timeframe shown above, the installation of temporary non-vegetative stabilization measures to prevent erosion;
- 2. Complete all soil conditioning, planting, watering or irrigation installation, mulching, and other required activities related to the planting and initial establishment of vegetation as soon as conditions or circumstances allow it on the site.

Follow the applicable requirements of the contract documents including Hawaii Standard Specifications for Road and Bridge Construction 2005 or latest edition, Section 619 and Section 641, as amended.

Where necessary to prevent erosion on the planted area, immediately install non-vegetative erosion controls that provide cover (e.g., mulch, rolled erosion control products) to the area while vegetation is becoming established.

Protect exposed or disturbed surface area with mulches or hydro-mulch with no seeds. Spray mulches at a rate of 2,000 pounds per acre. Add tackifier to mix at a rate of 85 pounds per acre. For hydro-mulch, use the ingredients and rates required for mulches. Apply fertilizer, if applicable, per the manufacturer's recommendations. Mulches, hydro mulch, and/or fertilizers shall not be applied during inclement weather or rain events. Submit recommendations from a licensed Landscape Architect when deviating from the application rates above or manufacturer's recommendations.

Install velocity dissipation measures when exposing erodible surfaces greater than 15 feet in height.

BMP measures shall be in place and operational at the end of each work day or as required by Section 01561.3.1(B).

Install and maintain stabilized construction entrances, including any wheel washes, to minimize tracking of dirt and mud onto roadways, sidewalks, and other paved areas. Restrict traffic to stabilized construction entrance areas only. Clean dirt, mud, or other material tracked onto the road, sidewalk, or other paved area by the end of the same day in which the track-out occurs. If tracking is excessive or sediment is being transported farther along the pavement or sidewalk by other vehicles traveling outside of the construction site, then, conduct cleaning and sweeping immediately. Modify stabilized construction entrances, as needed, to prevent mud from being tracked onto road. Stabilize entire access roads if necessary.

Maintain all excavations, embankments, haul roads, permanent access roads, plant sites, waste disposal areas, borrow areas, and all other work areas within the project limits free from dust which would cause a hazard to the work, airport operations, operations of other contractors, or to persons or property. Chemicals may be used as soil stabilizers for erosion and dust control. Submit the manufacturer's product data sheets of the chemicals to the Engineer for acceptance by the DOTA Environmental Section. Oil treating shall not be used. When using water for dust control, only potable water, that conform to Hawaii Standard Specifications for Road and Bridge Construction 2005 or latest edition, Subsection 712.01 – Water, shall be used. Dust screens and fabrics are not allowed on, or inhibit the view of, the TSA and AOA Security Fences.

Cover exposed surface of materials completely with tarpaulin or a similar device when transporting aggregate, soil, excavated material, or other materials that may be a source of fugitive dust.

Provide temporary slope drains of rigid or flexible conduits to carry runoff from cuts and embankments. Provide portable flume at the entrance. Shorten or extend temporary slope drains to ensure proper function.

Protect ditches, channels, and other drainageways leading away from cuts and fills at all times by either:

- 1. Hydro-mulching the lower region of embankments in the immediate area.
- 2. Installing check dams and siltation control devices.
- 3. Other methods acceptable to the DOTA Environmental Section.

Provide for controlled discharge of waters impounded, directed, or controlled by project activities or erosion control measures.

Cleanup and remove any pollutant that is attributed to the Contractor. Deposit of solid waste or the discharge of liquid waste, such as fuels, lubricants, bituminous waste, untreated sewage and other pollutants which may contaminate the body of ground water shall not be permitted. Care shall be taken to ensure that no petroleum products, bituminous materials, or other deleterious substances, including debris, are allowed to fall, flow, leach, or otherwise enter the sewage systems or storm drains.

Burning of matter or waste material on Airport property shall not be permitted.

The use of hazardous materials is prohibited without the approval of the Engineer. Any corrective actions to remove and replace the hazardous material and contaminated work shall be at the sole expense of the Contractor. Hazardous materials shall be properly stored and handled.

3.3 INSPECTIONS

For all projects with earth-disturbing activities, including construction support activity areas, the following inspections shall be conducted:

(A) <u>Initial Inspection of BMPs.</u> Prior to the start of construction activities, the DOTA Environmental Section, or their designated authorized representative, will conduct an initial site inspection of the BMPs.

The Contractor shall submit their request for this inspection in writing to the Engineer. The inspection is subject to the availability of the DOTA Environmental Section or their designated authorized representative.

Prior to this inspection, only the soil, to the extent that is required to install the BMP measures and devices, shall be disturbed. During the inspection, the inspector will note any deficiencies in the BMP measures and devices, including identifying any site conditions that have the potential to result in the discharge of pollutants. The

Contractor is responsible for the correction of the deficiencies. Corrective Action shall be documented and submitted to the Engineer for acceptance by the DOTA Environmental Section and/or their designated authorized representative. The deficiencies must be corrected and accepted before construction activities are allowed to commence.

Initial Inspections shall be conducted separately for each new construction phase, new work areas, and additional construction support areas that occur during the construction period.

(B) <u>Contractor's Inspection of BMPs.</u> Commencing immediately after the Initial BMP Inspection and until the acceptance of the Final BMP Inspection, the Contractor shall conduct inspections of the sites to ensure that BMPs are effective and activities do not have the potential of causing a polluted discharge.

The Contractor's Inspections shall be conducted at the following intervals:

- 1. Weekly.
- 2. Within 24 hours of any rainfall of 0.25 inch or greater which occurs in a 24-hour period.

The Contractor shall use on-line rainfall measurements data sources and providers. Rainfall measurements shall be taken from the same airport as the location of the project or within one (1) mile distance from the disturbed areas. Submit the identity of the provider, with the location of their measuring device, to the Engineer for approval by DOTA Environmental Section.

In lieu of using any on-line rainfall provider or if there are no measuring device of an on-line provider on the airport or within one (1) mile from the disturbed area, the Contractor shall furnish and install a rain gauge in a secure location prior to field work including installation of site-specific BMPs. Provide a rain gauge with a tolerance of at least 0.05 inches of rainfall. Install the rain gauge on the project site in an area that will not deter rainfall from entering the gauge opening. Do not install in a location where rain water may splash into the rain gauge. The rain gauge installation shall be stable and plumbed. Maintain rain gauge and replace any rain gauge that is stolen, does not function properly or accurately, is worn out, or needs to be relocated. Do not begin field work until the rain gauge is installed and Site-Specific BMPs are in place. Rain gauge data logs shall be readily available.

Submit rain gage data logs weekly with the Contractor's BMP Inspection Report to the Engineer for acceptance by the DOTA Environmental Section.

3. When existing erosion control measures are damaged or not operating properly as required by Site-Specific BMP.

Prepare a written report of the inspection and submit a copy of the report within 24-hours to the Engineer for acceptance by the DOTA Environmental Section. The report must include any deficiencies of the Site-Specific BMPs observed and the correction of these deficiencies. Corrective actions can be documented in a separate report and submitted upon completion of the corrective actions. Submit the report(s) to the Engineer for acceptance by DOTA Environmental Section.

The initiation of the work to repair or correct the deficiency shall begin immediately. However, except for those deficiencies that pose an <u>immediate</u> threat for the discharge of pollutants to the drainage system, surface waters, or receiving water, if the deficiency is identified at a time in the day in which it is too late to initiate the work, the initiation of the work shall begin on the following day.

After the initiation of the work to repair or correct the deficiency, the work shall be completed as follows:

- 1. If the deficiency poses an <u>immediate</u> threat for the discharge of pollutants to the drainage system, surface waters, or receiving waters, the work to fix the deficiency shall be completed by the close of the same day of discovery of the deficiency. Examples of these deficiencies included, but not limited to, illicit discharge, absence of perimeter controls in an area with evidence of sediment transporting off-site, and spills near a drain or waterway that have not been cleaned.
- 2. If the deficiency poses a <u>significant</u> threat for the discharge of pollutants to the drainage system, surface waters, or receiving waters, the work to fix the deficiency shall be completed by five (5) calendar days or before the next forecasted rain event, whichever is sooner. Examples of these deficiencies include, but not limited to, perimeter controls that are not functional or require maintenance, drain inlet protections that are not functional or require maintenance, installation of a new pollution prevention control, and deficiencies requiring significant repair for the correction of the deficiency.
- 3. If the deficiency does not pose a threat for the discharge of pollutants to the drainage system, surface waters, or receiving waters, but are not in strict conformance with the SWPPP, SSBMP Plan, or DOTA's Construction Activities BMP Field Manual, the work to correct the deficiency shall be completed by ten (10) calendar days or within the time specified by the Engineer, whichever is sooner. These deficiencies include all deficiencies except those deficiencies included in (1) and (2), above.
- 4. If it is infeasible to complete the correction of the deficiency or installation of a new pollution prevention control within the respective timeframe above,

notify the Engineer who will consult with DOTA Environmental Section. Document why it is infeasible to complete the work within the required timeframe. Complete the work as soon as practicable and as agreed to by both the Engineer and DOTA Environmental Section.

Retain copies of these inspection reports on-site or at an accessible location for the duration of the project so that they can be made available at the time of an on-site inspection, or upon request by the Engineer, DOTA Environmental Section, DOTA's Third Party Inspector, and/or DOH/EPA Representative. Present these inspection reports to the DOTA's Third-Party Inspectors at the time of their inspection for review.

(C) <u>Final Inspection / Post-construction BMP Initial Inspection.</u> The DOTA Environmental Section, or their designated authorized representative, shall conduct a Final Inspection / Post-Construction BMP initial inspection when the Contractor has completed construction, including installing permanent BMPs and stabilizing exposed soil.

The Contractor shall submit the request for this inspection in writing to the Engineer. The inspection is subject to the availability of the DOTA Environmental Section or their designated authorized representative.

All deficiencies noted must be addressed before the Contractor can remove temporary BMPs and close the site. The Contractor is responsible for correction of the deficiencies. Corrective Action shall be documented and submitted to the Engineer for acceptance by the DOTA Environmental Section. Any deficiencies noted during the final inspection must be corrected before the State will issue the project final acceptance and make final payment.

Partial Final Inspection of construction phases or partial areas of the project shall be conducted during the construction of the project for areas that are to be transferred for DOTA's use.

(D) Routine Inspections Conducted by DOTA. The Contractor's designated representative specified in Subsection 01561.3.1(B)(4) shall address any Site-Specific BMP deficiencies brought up by the Engineer or their authorized representative (i.e. Quality Control Engineer, Project Inspector, etc.) taking all reasonable measures to minimize or prevent discharge of pollutants until a permanent solution is installed and made operational.

The initiation of the work to repair and correction of the deficiency shall be completed within the same timelines as required in Subsection 01561.3.3(B).

(E) <u>DOTA's SWMPP Inspections.</u> For Projects located at the Daniel K. Inouye International Airport (HNL) or the Kahului Airport (OGG) that have a NGPC or NPDES Permit, or disturb one acre or more, including the construction support activity areas, the following additional inspections shall be conducted:

Third-Party Inspections. The DOTA Environmental Section's Third-Party inspector will conduct routine inspections. Third-party inspections shall be conducted monthly. The frequency of the inspections may increase if deficiencies are identified as determined by the inspector. Deficiencies must be corrected within the timeline defined in DOTA's SWMPP, Section C, Construction Site Runoff Control Program, which can be downloaded from the website:

http://hidot.hawaii.gov/airports/doingbusiness/engineering/environmental/construction-site-runoff-control-program/

The Contractor shall be responsible for the correction of <u>ALL</u> deficiencies <u>identified during</u> <u>any of the above inspections</u>. Corrective Action shall be documented and submitted to the Engineer for acceptance by the DOTA Environmental Section or their designated authorized representative.

If the Contractor fails to satisfactorily address Site-Specific BMP deficiencies, the DOTA reserves the right to employ outside assistance or use the State's own labor forces to provide necessary corrective measures. The Contractor will be fully responsible for all cost and time. The State will charge the Contractor such incurred costs plus any associated project engineering costs and will make appropriate deductions from the Contractor's monthly progress payment.

Failure to apply or maintain Site-Specific BMP measures may result in the assessment of liquidated damages (Appendix B). Depending on the severity of the deficiencies, additional enforcement actions, such as, suspension of work and/or termination of the contract (with the Contractor's Surety being fully responsible for all additional costs incurred by the State) can be conducted and assessed against the Contractor.

For all citations or fines received by the DOTA for non-compliance, including non-compliance with NGPC/NPDES Permit conditions, the Contractor shall reimburse the State within 30 calendar days for the full amount of outstanding cost that the State has incurred, or the State shall deduct all incurred costs from the Contractor's monthly progress payments.

The Contractor shall be responsible for all citations, fines and penalties levied by DOH or EPA against the State due to the Contractor's failure to satisfactorily address Site-Specific BMP deficiencies and/or any Contractor's illicit discharges. The State will make the appropriate deductions from the Contractor's monthly progress payment.

PART 4 MEASUREMENT AND PAYMENT

4.1 BASIS OF MEASUREMENT AND PAYMENT

The work specified in this Section will be paid for at the contract lump sum price. Payment shall be full compensation for work prescribed in this Section and contract documents,

including but not limited to, all labor, materials, tools, equipment, and all incidentals necessary to install, maintain, monitor, repair, replace, modify, and remove Site-Specific BMP measures.

<u>Item No.</u> <u>Item</u> <u>Unit</u>

01561.1 Construction Site Runoff Control Program Lump Sum

Partial payments shall be paid in the Monthly Progress Payment as follows:

- 1. 20% of the line item price shall be paid upon DOTA Environmental Section's acceptance in writing of the Site-Specific BMP Plan and the satisfactory completion of the Initial Inspection of BMPs defined in Section 01561.3.3(A), above.
- 60% of the line item price shall be paid in equal monthly payments over the duration of the contract. Failure to satisfactorily apply, maintain, or modify BMP measures and devices, and/or submittals shall result in the withholding of monthly progress payments for this line item.
 - For projects located at the Daniel K. Inouye International Airport (HNL) or the Kahului Airport (OGG) that have a NGPC or NPDES Permit, or disturb one (1) acre or more, including construction support activity areas, payments shall be made only after the DOTA's Third-Party Inspection defined in Section 01561.3.3(E), above, have been satisfactorily completed and accepted by the DOTA Environmental Section. Any deficiencies classified as Major or above will result in the withholding of monthly progress payments for this line item.
- 3. The remaining 20% of the line item price shall be paid after all BMP measures have been satisfactorily removed.

Payment will be made only after the satisfactory completion of the Final Inspection / Post-Construction BMP Initial Inspection defined in Section 01561.3.3(C), above, and acceptance of the Post-Construction BMPs by the DOTA Environmental Section.

Liquidated Damages, up to \$25,000 per day (Appendix B), shall be assessed for each non-compliance of the BMP requirements described in this Section. The Contractor shall not be entitled to recover any Liquidated Damages assessed, even after the deficiencies have been corrected.

Appendix A

The current DOTA's Construction Activities Best Management Practices (BMP) Field Manual can be found on DOTA's Environmental Website at

https://hidot.hawaii.gov/airports/doing-business/engineering/environmental/construction-site-runoff-control-program/

The manual is periodically updated and should be downloaded via the website to ensure that the latest version is applied. The manual identifies potential pollutant sources and BMPs that should be used to mitigate pollutants.

Additional information and requirements for stormwater programs at all airports can also be found at the above website, including additional requirements for Daniel K. Inouye International Airport (HNL) and Kahului Airport (OGG).

Appendix B Liquidated Damages Schedule for Non-Compliances.

Non-Compliance	Amount
Failure to submit a Notice of Intent or otherwise obtain a permit for Staging and/or Storage Area beyond the project limits.	\$1,000 per calendar day per violation.
Failure to comply with the conditions specified in the Notice of General Permit Coverage (NGPC) or Individual NPDES Permit, or any other applicable permit.	\$1,000 per calendar day per violation.
Failure to have the accepted SSBMP Plan and Amendments or the accepted SWPPP and Amendments available at a project construction site.	\$1,000 per calendar day per violation.
Failure to install a BMP specified by the SSBMP Plan or SWPPP, or permit.	\$2,000 per calendar day per violation.
Failure to properly install or maintain appropriate Site-Specific BMPs in accordance with applicable plans, permits, and guidance documents.	\$2,000 per calendar day per violation.
Failure to have an accepted Amendment to the SSBMP Plan or an accepted Amendment to the SWPPP prior to implementation of the proposed BMPs.	\$2,000 per calendar day per violation.
Note: Advance review and acceptance can be provided via email which will satisfy this non-compliance. However, the written Amendment must still be formally submitted for certification and signature by the authorized representative identified in the NGPC or NDPES Permit.	
Failure to conduct required inspections.	\$1,000 for each of the first ten violations, \$2,500 for each of the next ten violations, \$5,000 for each subsequent violation.
Failure to submit required reports such as BMP inspection reports, rain gauge data logs, etc.	\$500 per calendar day for the first ten days of each violation, \$1,000 per calendar day for the next ten days of each violation, \$2,500 per calendar day for each subsequent day of violation.

Non-Compliance	Amount
Any "major" or "critical" non-compliance violation with the applicable plans, permits, and guidance documents.	Up to \$25,000 per calendar day per violation.
Any violation resulting in a polluted discharge.	Up to \$25,000 per calendar day per violation.

Note: Liquidated Damages shown in the Table shall be assessed at the discretion of the DOTA.

Assessment of Liquidated Damages for Non-Compliance:

The Contractor may be assessed liquidated damages by issuance of an Enforcement Letter. The Enforcement Letter shall indicate the amount of liquidated damages that are assessed for the non-compliances which shall be deducted from the Contractor's next progress payment. The Enforcement Letter will be sent electronically via e-mail and a hard copy to the Contractor's designated representative(s), identified in Section 01561.3.01(2)(d), responsible for the Contractor's Construction Site Runoff Control Program. An Enforcement Letter may be issued with or without a previous Verbal Notification, Warning Letter, or Notice of Apparent Violation (NAV).

Liquidated Damages may be assessed for the following:

- Non-compliances listed in the Table, herein, included in Appendix B.
- Non-compliances have not been corrected in the timeframes noted.
- Corrective actions are not completed after a Verbal Notification, Warning Letter, or Notice of Apparent Violation is issued.
- Contractors are non-responsive to DOTA's directives.
- Repeated non-compliance.
- A polluted discharge has occurred.

The number of days used for the liquidated damages calculations shall start on the day that the non-compliance was required to be corrected and shall end on the day that the non-compliance is corrected and accepted. If DOTA's personnel are not able to go out in the field to verify that the BMP deficiencies are corrected in the timeframe specified, the Contractor can send photographs showing the corrected deficiency via e-mail to the Engineer and DOTA Environmental Section along with documentation on how the deficiency was corrected. The Engineer and DOTA Environmental Section may visit the site to verify the corrective actions are acceptable. If the

corrective actions are acceptable, then the clock stops on the day that the documentation was received.

END OF SECTION

SECTION 09901 – PAINTING

PART 1 - GENERAL

1.1 <u>DESCRIPTION</u> – The Contractor shall provide all labor, materials, tools, equipment, and incidentals necessary to paint / repaint the exterior surfaces of the existing Terminal 2 Administrative Tower Building as indicated herein. The exact location of work shall be available to be shown to all prospective bidders by appointment by contacting Derick Ebesuno, State Project Manager at Ph. (808) 836-6461.

Administrative Tower Building Areas to be painted: (See Exhibits A-1 to A-7)

- All exterior concrete surfaces.
- Exterior stairwell balconies. (Includes walls, ceiling, doors, conduits, and Fire Protection piping)
- Exterior concrete facade, supports and window ledges.
- All metal hand railings, stairs, and equipment platforms.
- All metal doors, door frames, etc.
- Paint Roof and Air Traffic Control Cab Area Including Roof Access Doors, Railings, Exterior Wall Surfaces, Exterior Stairs, Equipment Mounts.
- All fire protection piping, valves, and accessories.
- Roof access stairwell enclosure exterior walls.

Excluded Areas:

- Roof surfaces on 2nd and 9th Floors. All window frames and glass.
- 1.2 <u>WARRANTY</u> The Contractor shall warranty the work and materials supplied under this contract for a period of one year from date of final acceptance of the project. The warranty shall cover discoloration, fading, peeling, and blistering. The work shall be redone or repaired at the Contractor's expense with no charge to the State for any failure during the one-year period.

PART 2 – MATERIALS

- 2.1 PAINT COLOR Color of finish coats on all exterior concrete surfaces shall be concrete grey to match existing adjacent parking structures or as specified by the Project Manager. Final color selection shall be after Notice to Proceed is issued. Other paint colors for:
 - A. Fire sprinkler piping shall be painted semi-gloss red.
 - B. Door and trim shall be painted semi-gloss dark grey.
 - C. All other items shall be painted concrete grey to match building color.

2.2 PAINTS – All material used in this work shall be of the best quality required to produce a durable finish in accordance with the requirements of these specifications and subject to approval of the Project Manager. The paint shall meet the following minimum specifications:

Concrete Surfaces:

Latex Existing Surface MPI REX 3.1A-G2 (Flat) or approved equal			
Primer Intermediate Topcoat			
MPI 10	MPI 10	MPI 11	
System DFT: 3.5 mils (88 microns)			

Ferrous Surfaces (Piping, Conduit, Railing):

Waterborne Light Industrial Coating MPI EXT 5.4G-G5 (Semigloss) or approved equal		
Primer	Intermediate	Topcoat
MPI 134	MPI 163	MPI 163
System DFT: 5 mils (125 microns)		

All coats on a particular substrate shall be from a single manufacturer.

The Contractor shall have a representative of the paint manufacturer examine surface conditions and make recommendations as to the consistency and means of application of paint products. Surface cleaning and preparation shall limit use of water to avoid excessive water run-off into Airport storm drain system.

Specifications for the existing paint on Administrative Tower Building are available for review. The Contractor and representative of paint manufacturer shall determine and provide a primer base coat compatible with the existing paint finishes on Administrative Tower Building concrete and metal surfaces.

All paints shall be free of asbestos, lead, mercury, zinc chromate, strontium chromate, and cadmium.

2.3 <u>FUNGUS AND ALGAE CONTROL</u> – A standard commercial mildewcide shall be added to all paints and finishes during the manufacturing process.

2.4 SUBMITTALS AND SAMPLES

- A. <u>Submittals</u> Submit five sets of proposed painting finish schedule including copies of manufacturer's technical information, paint label analysis, application instructions, and manufacturer's material safety data sheets.
- B. <u>Color and Finish Samples</u> Submit samples for State Project Manager review of color and texture. Provide a listing of material and application for each coat of each finish sample.

- 1. Provide 8-1/2" x 11" cardboard sample of finish color and texture for each paint proposed for use.
- 2. At the request of the Project Manager, the Contractor shall provide an onsite wall surface test sample to duplicate finishes of prepared samples. Sample shall be of adequate size to verify finish color and texture.
- 2.5 <u>DELIVERY AND STORAGE OF MATERIALS</u> All materials shall be delivered to the site in unbroken original packages bearing the brand and manufacturer's name and shall be mixed and applied as specified. The use of adulterants is strictly prohibited. All rejected materials shall be removed from the jobsite.

PART 3 – EXECUTION

- 3.1 <u>WORK SCHEDULE AND HOURS</u> Work shall be performed Monday to Friday excluding State Holidays. Work hours shall be 6:00 AM to 2:30 PM daily unless otherwise agreed upon with the State Project Manager.
- 3.2 <u>TIME OF COMPLETION AND LIQUIDATED DAMAGES</u> All work shall be completed within One Hundred Twenty Calendar Days (120) from the date indicated on the Notice to Proceed. Liquidated Damages of One Hundred Dollars (\$100.00) per day will be assess for each day beyond the specified completion time.
- 3.3 <u>COORDINATION OF WORK</u> All work shall be coordinated with the State Project Manager and the Airport's Parking Lot concession operator.
- 3.4 INSPECTION All work is subject to inspection by the State.

3.5 <u>CLEANING AND PREPARATION OF EXISTING SURFACES</u>

- 1. Before application of paint material, examine surfaces to receive paint or finish and report all unsatisfactory conditions to the State Engineer in writing. Application of first coat shall constitute acceptance of surface.
- 2. Remove or protect prior to surface preparation and painting operations, all hardware, hardware accessories, plates, lighting fixtures and similar items in contact with painted surfaces and not to be painted.
- 3. All surfaces shall be made free of contamination (dust, dirt, chalk, soot salt spray, grease, oil, wax, mildew, etc.) that may adversely affect adhesion of primers, sealant patching compounds, paint, coatings, etc.

- 4. All mildewed areas shall be washed or wiped down using either one of the following methods:
 - a. Zehrung Corp/Chempro Division Product Jomax Mildewcide Concentrate or approved equal.
 - b. Mixture of trisodium phosphate (3 oz.), detergent (1 oz.), household bleach (1 qt.) and warm water (3 qts.)
- 5. Paint shall be applied on fungicidally treated area within 24 hours.
- 6. After surface have been cleaned and allowed to dry, remove any remaining loose or peeling paint by using hand tools or power tools in accordance with the Society for Protective Coatings (SSPC) SP2 (Hand Tool Cleaning) and/or SSPC- SP3 (Power Tool Cleaning) methods as applicable.
- 7. Cleaning shall be programmed so that dust and other contaminants from cleaning process will not fall onto wet or newly painted surfaces.
- 8. Rusty metal surfaces shall be cleaned as per SSPC requirements. Solvents, mechanical, or chemical cleaning methods shall be used to provide surfaces suitable for painting.
- 9. Existing coated surfaces with minor defects shall be sanded, spackled and treated to render the surface smooth.
- 10. Slick surfaces shall be roughened. Damaged areas such as, but not limited to, nail holes, cracks, chips, sealants (not limited but including pipe penetrations), grout and substrate spalls shall be repaired with suitable material to match adjacent undamaged areas.
- 11. Sand existing glossy surfaces to be painted to reduce gloss. Brush and wipe clean with a damp cloth to remove dust, prior to applying base coat.
- 12. Edges of chipped paint shall be feather edged and sanded smooth.
- 13. Substrate repair for concrete spall areas shall be done as needed. After patching concrete, Contractor shall sand edges of adjacent, existing coating so edges are tapered as smooth as practical. Clean and prime substrate as specified by paint manufacturer.
- 14. Preparation of metallic, ferrous surfaces including shop-coated surfaces and small areas that contain rust, mill scale and other foreign substances shall be solvent clean or detergent wash in accordance with SSPC SP 1 to remove oil and grease. Shop-coated ferrous surfaces shall be protected from corrosion by treating and touching up corroded areas immediately upon detection with base primer coat.

15. Other preparatory treatment as specified by the Contractor proposed coating manufacture shall be included in the preparation work.

3.6 PRIMER AND PAINT APPLICATION

- 1. Application of all coatings shall comply with all applicable Federal, State and local laws to insure compliance with the Federal Clean Air Standards.
- 2. Apply all coatings in accordance with applicable SSPC and manufacturer specifications.
- 3. Paints, except water-thinned types, shall be applied only to surfaces that are completely free of moisture as determined by sight or touch. Thoroughly work coating materials into joints, crevices, and open spaces. Special attention shall be given to insure all edges, corners, crevices, welds, and rivets receive a film thickness equal to that of adjacent painted surfaces.
- 4. Each coat of paint shall be applied so dry film shall be of uniform thickness and free from runs, drops, ridges, waves, pinholes or other voids, laps, brush marks, and variations in color, texture, and finish. Touch up damaged coatings before applying subsequent coats of paint.
- 5. Shield fire sprinkler heads with protective coverings prior to painting new or existing fire extinguishing sprinkler systems including valves, piping, conduit, hangers, supports, miscellaneous metal work, and accessories. Upon completion of painting, remove sprinkler heads which have been painted and replace with new sprinkler heads. Remove protective covering from sprinkler heads after painting is completed.
- 6. Allow drying time between coats, as recommended by the coating manufacturer, to permit thorough drying, but not to present topcoat adhesion problems.
- 7. Do not allow primers or intermediate coats to dry more than 30 days, or longer than recommended by manufacturer, before applying subsequent coats. Follow the manufacturer's recommendations for surface preparation if primers or intermediate coats are allowed to dry longer than recommended by the paint manufacturers.
- 8. Reduce paints to proper consistency by adding fresh paint, except when thinning is mandatory to suit surface, temperature, weather conditions, application methods, or for the type of paint being used. The use of thinner shall not relieve the Contractor from obtaining complete hiding, full film thickness, or required gloss. Paints of different manufacturers shall not be mixed.

9. Finished surfaces shall be free from runs, drops, ridges, waves, laps, brush marks, and variations in colors.

3.7 CLEANUP AND PROTECTION

- 1. Protection The Contractor shall be responsible to take adequate measures to protect pedestrians, parked vehicles, and property from damage, and impacts from his work or work activities.
 - a. Barricades, barriers, and/or other warning devices shall be erected around the immediate work area to warn pedestrians and vehicles of work.
 - b. Drop cloths or other forms of protective covers shall be used where applicable to prevent paint splatter or damage to nearby surfaces.
 - c. Where applicable, best management practices measures (BMPs) shall be installed to prevent jobsite runoff and pollution.
- 2. Cleanup During the progress of work, remove from site discarded paint materials, trash, rags, at the end of each work day. The contractor shall be responsible for the cleanup of spatter on windows and paint splattered surfaces.
- 3. The Contractor shall provide "Wet Paint" signs as required to protect newly painted finishes. Remove all temporary protective wrapping, drop clothes provided by others for protection of their work, after completion of painting operations.
- 3.8 <u>GUARANTEE</u> The Contractor shall warrant the work and materials supplied under this contract for a period of one year from date of final acceptance of project. The warranty shall cover discoloration, fading, peeling, and blistering, and the work shall be redone or repaired at the Contractor's expense with no charge to the State of Hawaii for any failure during the one year period.
- 3.9 <u>ALLOWANCE FOR UNFORSEEN CONDITIONS</u> At the discretion of the Project Manager, extra work shall be authorized for unforeseen conditions such as surface repair, and concrete spall repair as needed.

PART 4 – MEASUREMENT AND PAYMENT

Work under this Section will not be measured for payment, but will be paid for at the Contract Lump Sum Prices. All work for unforeseen conditions shall be paid for under an allowance item in the Proposal Schedule. The allowance is an estimate and the total amount shall not exceed the amount shown in the Proposal Schedule.

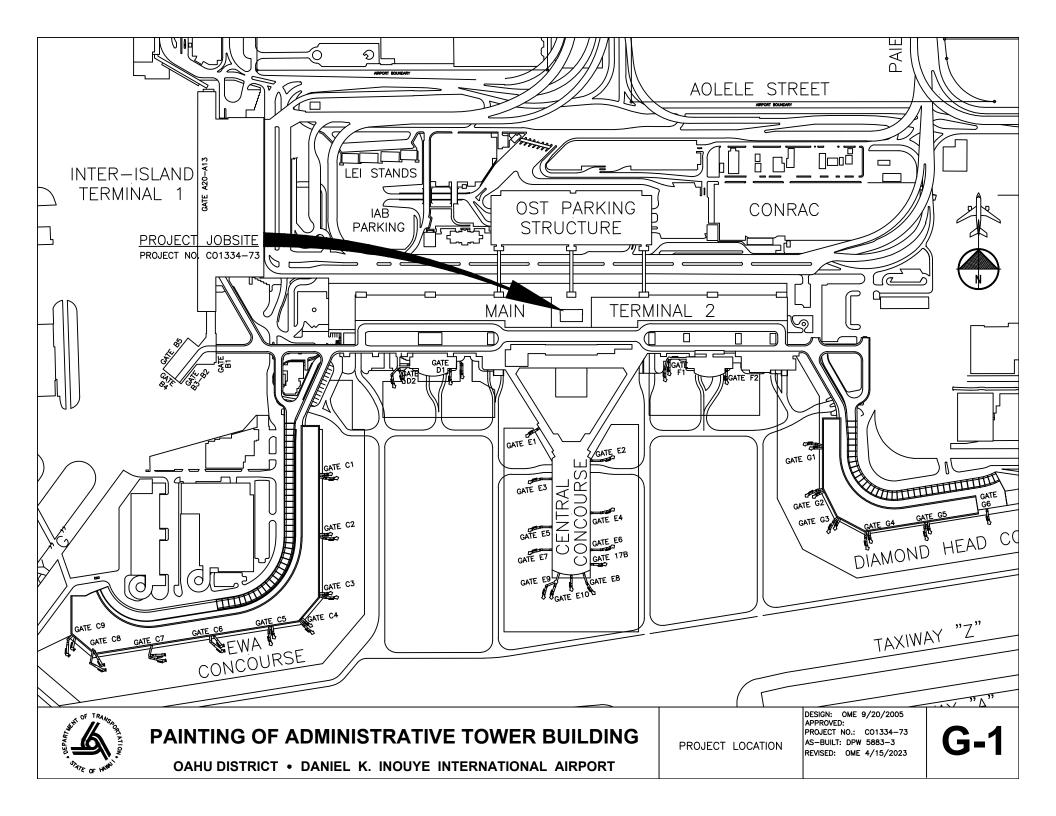
4.1 <u>PAYMENT</u> – Payment shall be made under the following Items:

Item	Description	Unit
09901.1	Painting Exterior Concrete Surface (Horizontal and Vertical) Including Facade	Lump Sum
09901.2	Painting Stairwell Balconies Including Walls, Ceiling, Doors, Conduits, and Fire Protection Piping	Lump Sum
09901.3	Paint Roof and Cab Including Roof Access Doors, Railings, Exterior Wall Surfaces, Exterior Stairs, and Equipment Mounts.	Lump Sum
09901.4	Allowance for Unforeseen Conditions	Allowance

-- END OF SECTION --

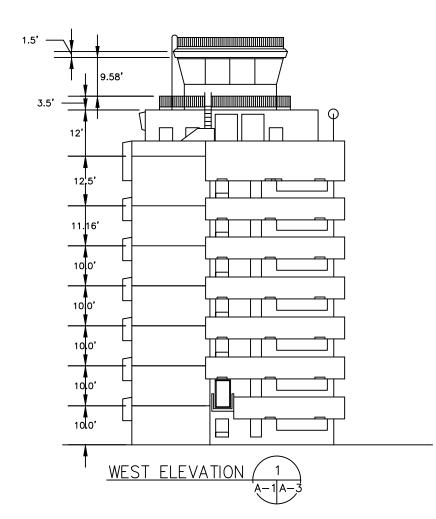
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION AIRPORTS DIVISION

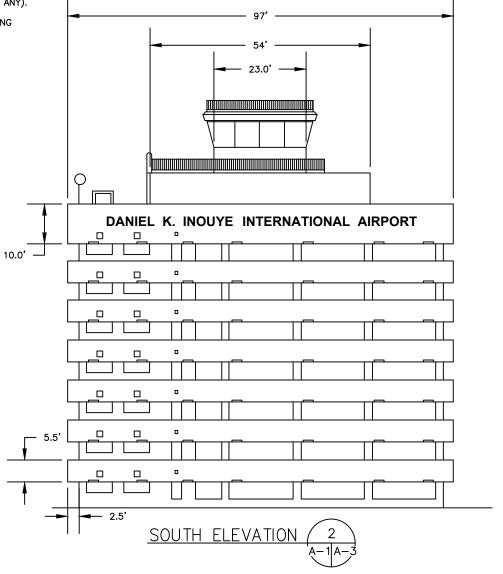
EXHIBITS



GENERAL NOTES

- THE STATE MAKES NO CLAIMS AS TO THE SAFETY AND STRUCTURAL INTEGRITY OF ANY EXISTING DAVITS AND OR RIGGING DEVICES. THE STRUCTURAL INTEGRITY, SAFETY, AND SAFE USE OF ANY AND ALL RIGGING, ANCHORING AND/ OR SCAFFOLDING DEVICES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 2) THE CONTRACTOR IS ADVISED TO ADHERE TO ANY AND ALL ANTENNAE WARNING LABELS (IF ANY). THE USE OF CELL PHONES AND TWO WAY RADIOS ARE PROHIBITED ON TOP OF THE ADMIN TOWER. A STATE INSPECTOR WILL BE PRESENT WITH THE CONTRACTOR AT ALL TIMES DURING WORK ACTIVITIES ON TOP OF THE ADMIN TOWER AND SHALL COORDINATE ANY NECESSARY COMMUNICATIONS.







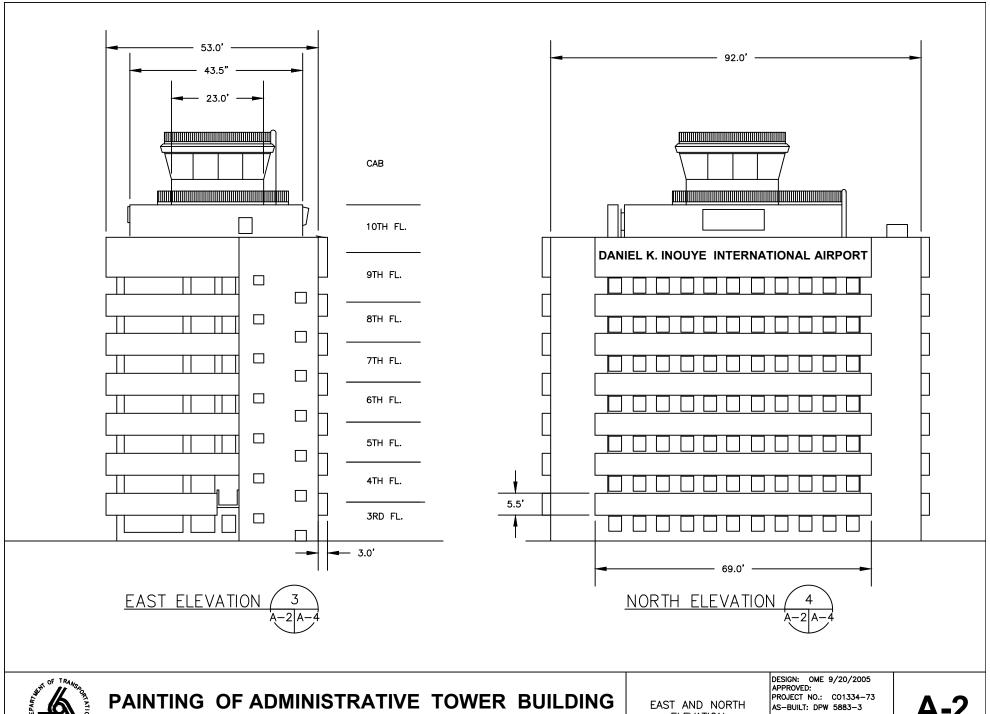
PAINTING OF ADMINISTRATIVE TOWER BUILDING

OAHU DISTRICT • DANIEL K. INOUYE INTERNATIONAL AIRPORT

WEST AND SOUTH ELEVATION

DESIGN: OME 9/20/2005 APPROVED: PROJECT NO.: C01334-73 AS-BUILT: DPW 5883-3 REVISED: OME 4/14/2023

A-1



OAHU DISTRICT • DANIEL K. INOUYE INTERNATIONAL AIRPORT

ELEVATION

REVISED: OME 4/14/2023

A-2











PAINTING OF ADMINISTRATIVE TOWER BUILDING











PAINTING OF ADMINISTRATIVE TOWER BUILDING

EAST AND NORTH ELEVATION

DESIGN: OME 9/20/2005 APPROVED: PROJECT NO.: C01334-73 AS-BUILT: DPW 5883-3 REVISED: OME 4/14/2023

A-4



PHOTO E FASCIA VENT



PHOTO F TOP OF FASCIA



PHOTO G



PHOTO H ALUMINUM RAILING



PHOTO I STREAKS AROUND WINDOW



PAINTING OF ADMINISTRATIVE TOWER BUILDING

MISCELLANEOUS PHOTOS AS-BUILT: DPW 5883-3

DESIGN: OME 9/20/2005 APPROVED: PROJECT NO.: C01334-73 AS-BUILT: DPW 5883-3 REVISED: OME 4/14/2023

A-5



PHOTO J ACCESS TO 10TH FLR ROOF



PHOTO K
STAIRS FROM CAB TO
10TH FLR ROOF



PHOTO L 10TH FLOOR EWA SIDE



PHOTO M

10TH FLOOR DIAMOND HEAD SIDE



PHOTO N

10TH FLOOR MAUKA SIDE



PHOTO O

11TH FLOOR MAKAI SIDE



PAINTING OF ADMINISTRATIVE TOWER BUILDING

OAHU DISTRICT • DANIEL K. INOUYE INTERNATIONAL AIRPORT

MISCELLANEOUS PHOTOS

DESIGN: OME 9/20/2005 APPROVED: PROJECT NO.: C01334-73 AS-BUILT: DPW 5883-3 REVISED: OME 4/14/2023

4-73 3 2023 **A-6**



PHOTO P
CAB STAIRS TO ROOFTOP



MISCELLANEOUS PHOTOS AS-BUILT: DPW 5883-3

DESIGN: OME 9/20/2005 APPROVED: PROJECT NO.: C01334-73 AS-BUILT: DPW 5883-3 REVISED: OME 4/14/2023

A-7

Requirements of Chapter 104, HRS Wages and Hours of Employees on Public Works Law

Chapter 104, HRS, applies to every public works construction project over \$2,000, regardless of the method of procurement or financing (purchase order, voucher, bid, contract, lease arrangement, warranty, SPRB).

Rate of Wages for Laborers and Mechanics

- Minimum prevailing wages (basic hourly rate plus fringe benefits), as determined by the Director of Labor and Industrial Relations and published in wage rate schedules, shall be paid to the various classes of laborers and mechanics working on the job site. [§104-2(a), (b), Hawaii Revised Statutes (HRS)]
- If the Director of Labor determines that prevailing wages have increased during the performance of a public works contract, the rate of pay of laborers and mechanics shall be raised accordingly. [§104-2(a) and (b), HRS; §12-22-3(d) Hawaii Administrative Rules (HAR)]

Overtime

• Laborers and mechanics working on a Saturday, Sunday, or a legal holiday of the State or more than eight hours a day on any other day shall be paid overtime compensation at not less than one and one-half times the basic hourly rate plus the cost of fringe benefits for all hours worked. If the Director of Labor determines that a prevailing wage is defined by a collective bargaining agreement, the overtime compensation shall be at the rates set by the applicable collective bargaining agreement [§§104-1, 104-2(c), HRS; §12-22-4.1, HAR]

Weekly Pay

• Laborers and mechanics employed on the job site shall be paid their full wages at least once a week, without deduction or rebate, except for legal deductions, within five working days after the cutoff date. [§104-2(d), HRS]

Posting of Wage Rate Schedules

Wage rate schedules with the notes for prevailing wages and special overtime rates, shall be posted by the contractor in a
prominent and easily accessible place at the job site. A copy of the entire wage rate schedule shall be given to each laborer
and mechanic employed under the contract, except when the employee is covered by a collective bargaining agreement.
[§104-2(d), HRS]

Withholding of Accrued Payments

• If necessary, the contracting agency may withhold accrued payments to the contractor to pay to laborers and mechanics employed by the contractor or subcontractor on the job site any difference between the wages required by the public works contract or specifications and the wages received. [§104-2(e), HRS]

Certified Weekly Payrolls and Payroll Records

- A certified copy of all payrolls shall be submitted weekly to the contracting agency. [§104-3(a), HRS; §12-22-10, HAR]
- The contractor is responsible for the submission of certified copies of the payrolls of all subcontractors. The certification shall affirm that the payrolls are correct and complete, that the wage rates listed are not less than the applicable rates contained in the applicable wage rate schedule, and that the classifications for each laborer or mechanic conform with the work the laborer or mechanic performed. [§104-3(a), HRS; §12-22-10, HAR]
- Payroll records shall be maintained by the contractor and subcontractors for three years after completion of construction. The records shall contain: [§104-3(b), HRS; §12-22-10, HAR]
 - the name and home address of each employee
 - the last four digits of social security number
 - a copy of the apprentice's registration with DLIR
 - the employee's correct classification
 - rate of pay (basic hourly rate + fringe benefits)
 - itemized list of fringe benefits paid

- daily and weekly hours worked
- weekly straight time and overtime earnings
- amount and type of deductions
- total net wages paid
- date of payment

• Records shall be made available for examination by the contracting agency, the Department of Labor and Industrial Relations (DLIR), or any of its authorized representatives, who may also interview employees during working hours on the job. [§§104-3(c), 104-22(a), HRS; §12-22-10, HAR]

Termination of Work on Failure to Pay Wages

• If the contracting agency finds that any laborer or mechanic employed on the job site by the contractor or any subcontractor has not been paid prevailing wages or overtime, the contracting agency may, by written notice to the contractor, terminate the contractor's or subcontractor's right to proceed with the work or with the part of the work in which the required wages or overtime compensation have not been paid. The contracting agency may complete this work by contract or otherwise, and the contractor or contractor's sureties shall be liable to the contracting agency for any excess costs incurred. [§104-4, HRS]

Apprentices

- Apprentice wage rates apply to contractors who are a party to a bona fide apprenticeship program which has been registered with the DLIR. In order to be paid apprentice rates, apprentices must be parties to an agreement either registered with or recognized as a USDOL nationally approved apprenticeship program by the DLIR, Workforce Development Division, (808) 586-8877, and the apprentice must be individually registered by name with the DLIR. [§12-22-6(1) and (2), HAR]
- The number of apprentices on any public work in relation to the number of journeyworkers in the same craft classification as the apprentices employed by the same employer on the same public work may not exceed the ratio allowed under the apprenticeship standards registered with or recognized by the DLIR. A registered or recognized apprentice receiving the journeyworker rate will not be considered a journeyworker for the purpose of meeting the ratio requirement. [§12-22-6(3), HAR]

Enforcement

- To ensure compliance with the law, DLIR and the contracting agency will conduct investigations of contractors and subcontractors. If a contractor or subcontractor violates the law, the penalties are: [§104-24, HRS]
 - First Violation Equal to 25% of back wages found due or \$250 per offense up to \$2,500, whichever is greater.
 - Second Violation
 Equal to amount of back wages found due or \$500 for each offense up to \$5,000, whichever is greater.
 Third Violation
 Equal to two times the amount of back wages found due or \$1,000 for each offense up to \$10,000,
 - Third Violation Equal to two times the amount of back wages found due or \$1,000 for each offense up to \$10,000, whichever is greater; and
 - **Suspension** from doing any new work on any public work of a governmental contracting agency for three years.
 - A violation would be deemed a second violation if it occurs within two years of the **first notification of violation**, and a third violation if it occurs within three years of **the second notification of violation**. [§104-24, HRS; §12-22-25(b), HAR]
 - Suspension: For a first or second violation, the department shall immediately suspend a contractor who fails to pay wages or penalties until all wages and penalties are paid in full. For a third violation, the department shall penalize and suspend the contractor as described above, except that if the contractor continues to violate the law, then the department shall immediately suspend the contractor for a mandatory three years. The contractor shall remain suspended until all wages and penalties are paid in full. [§§104-24, 104-25, HRS]
- **Suspension**: Any contractor who fails to make payroll records accessible or provide requested information within 10 days, or fails to keep or falsifies any required record, shall be assessed a penalty including suspension as provided in Section 104-22(b) and 104-25(a)(3), HRS. [§104-3(c), HRS; §12-22-26, HAR]
- If any contractor interferes with or delays any investigation, the contracting agency shall withhold further payments until the delay has ceased. Interference or delay includes failure to provide requested records or information within ten days, failure to allow employees to be interviewed during working hours on the job, and falsification of payroll records. The department shall assess a penalty of \$10,000 per project, and \$1,000 per day thereafter, for interference or delay. [§104-22(b), HRS; §12-22-26, HAR]
- Failure by the contracting agency to include in the provisions of the contract or specifications the requirements of Chapter 104,
 HRS, relating to coverage and the payment of prevailing wages and overtime, is not a defense of the contractor or subcontractor for noncompliance with the requirements of this chapter. [§104-2(f), HRS]

For additional information, visit the department's website at http://labor.hawaii.gov/wsd or contact any of the following DLIR offices:



Oahu (Wage Standards Division)	(808) 586-8777
Hawaii Island	
Maui and Kauai	

-2eH104-3 Rev. 04/21

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION AIRPORTS DIVISION

PROPOSAL

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION AIRPORTS, OAHU DISTRICT

PROJECT: PAINTING OF ADMINISTRATION TOWER BUILDING

AT DANIEL K. INOUYE INTERNATIONAL AIRPORT,

HONOLULU, OAHU, HAWAII

PROJECT NO.: CO1334-73

CONTRACT TIME: ONE HUNDRED EIGHTY (180) Calendar days from the

date indicated on the Notice to Proceed from the

Department.

LIQUIDATED DAMAGES: ONE HUNDRED DOLLARS (\$100.00)

for each and every calendar day which the Contractor

has delayed the completion of this project. Per

Technical Provisions Section 01010.3.2.

PROJECT MANAGER: Derick Ebesuno

300 Rodgers Boulevard, #12 Honolulu, Hawaii 96819

Ph. (808) 836-6461

derick.t.ebesuno@hawaii.gov

ELECTRONIC SUBMITTAL: The bidder shall submit the proposal in HIePRO.

The proposal shall be UPLOADED to HIePRO prior to

the bid opening date and time. See SPECIAL PROVISIONS - Section 2.8 PREPARATION AND DELIVERY OF BID - for additional information.

Director of Transportation 869 Punchbowl Street Honolulu, Hawaii 96813

Dear Sir:

The undersigned Bidder declares the following:

- 1. It has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal.
- 2. It has not been assisted or represented on this matter by any individual who has, in a State capacity, been involved in the subject matter of this contract within the past two years.
- 3. It has not and will not, either directly or indirectly offered or given a gratuity (i.e. an entertainment or gift) to any State or County employee to obtain a contract or favorable treatment under a contract.

The undersigned Bidder further agrees to the following:

- 1. If this proposal is accepted, it shall execute a contract with the Department to provide all necessary labor, machinery, tools, equipment, apparatus and any other means of construction, to do all the work and to furnish all the materials specified in the contract in the manner and within the time therein prescribed in the contract, and that it shall accept in full payment therefore the sum of the unit and/or lump sum prices as set forth in the attached proposal schedule for the actual quantities of work performed and materials furnished and furnish satisfactory security in accordance with Section 103D-324, Hawaii Revised Statutes, within 10 days after the award of the contract or within such time as the Director of Transportation may allow after the undersigned has received the contract documents for execution, and is fully aware that non-compliance with the aforementioned terms will result in the forfeiture of the full amount of the bid guarantee required under Section 103D-323, Hawaii Revised Statutes.
- 2. That the quantities given in the attached proposal schedule are approximate only and are intended principally to serve as a guide in determining and comparing the bids.
- 3. That the Department does not either expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed necessary or advisable by the Director of Transportation, and that all increased or decreased quantities of work shall be performed at the unit prices set forth in the attached proposal schedule except as provided for in the specifications.

- 4. In case of a discrepancy between unit prices and the totals in said Proposal Schedule, the unit prices shall prevail.
- 5. Agrees to begin work within 10 working days after the date of notification to commence with the work, which date is in the notice to proceed, and shall finish the entire project within the time prescribed.
- 6. The Director of Transportation reserves the right to reject any or all bids and to waive any defects when in the Director's opinion such rejections or waiver will be for the best interest of the public.

The Bidder acknowledges receipt of and certifies that it has completely examined the following listed items: the Hawaii Department of Transportation, Air and Water Transportation Facilities Division General Provisions for Construction Projects dated 2016, the Notice to Bidders, the Special Provisions, if any, the Technical Provisions, the Proposal, the Contract and Bond Forms, and the Project Plans.

In accordance with Section 103D-323, Hawaii Revised Statutes, this proposal is accompanied with a bid security in the amount of 5% of the total amount bid, in the form checked below. (Check applicable bid security submitted with bid.)

 Surety Bid Bond (Use standard form),
 _Cash,
 _ Cashier's Check,
 _ Certified Check, or
 (Fill in other acceptable security.)

The undersigned Bidder acknowledges receipt of any addendum issued by the Department by recording in the space below the date of receipt.

Addendum No. 1	Addendum No. 3
Addendum No. 2	Addendum No. 4
Bidder, has listed the name of ear Bidder on the project as a Subco be done by each. The Bidder mu unique nature and scope of the v Contractor. For each listed firm, to Subcontractor or Joint Contracto	0-302, Hawaii Revised Statutes, the undersigned as ach person or firm, who will be engaged by the intractor or Joint Contractor and the nature of work to ust adequately and unambiguously disclose the work to be performed by each Subcontractor or Joint the Bidder declares the respective firm is a r and is subject to evaluation as a Subcontractor or that failure to comply with the aforementioned ejection of the bid submitted.
Name of Subcontractor	Nature and Scope of Work
1	
2	
3	
4	
5	
6	
7	
8	
Name of Joint Contractor	Nature and Scope of Work
1	
2	
3	

("None" or if left blank indicates no Subcontractor or Joint Contractor; if more space is needed, attach additional sheets.)

The undersigned hereby certifies that the bid prices contained in the attached proposal schedule have been carefully checked and are submitted as correct and final

This declaration is made with the understanding that the undersigned is subject to the penalty of perjury under the laws of the United States and is in violation of the Hawaii Penal Code, Section 710-1063, unsworn falsification to authorities, of the Hawaii Revised Statutes, for knowingly rendering a false declaration.

	Bidder (Company Name)	
Ву		
	Authorized Signature	
	Print Name and Title	
	Business Address	
	Ducilioso / Idalioso	
	Business Telephone	 Email
	Buomoco rotophono	Linai
	Date	
	Date	
Contact Person (If different from above)		
	Contact Person (II dillerent III	on above
	Phone:	Email:

NOTE:

If Bidder is a <u>CORPORATION</u>, the legal name of the corporation shall be set forth above, the corporate seal affixed, together with the signature(s) of the officer(s) authorized to sign contracts for the corporation. Please attach to this page current (not more than six months old) evidence of the authority of the officer(s) to sign for the corporation.

If Bidder is a <u>PARTNERSHIP</u>, the true name of the partnership shall be set forth above, with the signature(s) of the general partner(s). Please attach to this page current (not more than six months old) evidence of the authority of the partner authorized to sign for the partnership.

If Bidder is an INDIVIDUAL, the bidder's signature shall be placed above.

If signature is by an agent, other than an officer of a corporation or a partner of a partnership, a POWER OF ATTORNEY must be on file with the Department before opening bids or submitted with the bid. Otherwise, the Department may reject the bid as irregular and unauthorized.

PREFERENCES

Bidders agree that preferences shall be taken into consideration to determine the low bidder in accordance with said Sections and the rules promulgated, however, the award of contract will be in the amount of the bid offered exclusive of any preferences.

A. HAWAII PRODUCTS PREFERENCE

In accordance with ACT 174, SLH 2022, effective June 27, 2022, Hawaii Products Preference shall not apply to solicitations for public works construction. Therefore, the Hawaii Products Preference shall not apply to this project.

B. APPRENTICESHIP PROGRAMS PREFERENCE

In accordance with ACT 17, SLH 2009 – Apprenticeship Program, a 5% bid adjustment for bidders that are parties to apprenticeship agreements pursuant to Hawaii Revised Statutes (HRS) Section 103-55.6 may be applied to the bidder's price for evaluation purposes.

Any bidder seeking this preference must be a party to an apprenticeship agreement registered with the Department of Labor and Industrial Relations at the time the offer is made for each apprenticeable trade the bidder will employ to construct the public works projects for which the offer is being made.

The bidder is responsible for complying with all submission requirements for registration of its apprenticeship program before requesting the preference.

() Yes, I wish to be considered for the Apprenticeship Programs Preference. I have included Certification Form(s) 1 with my bid.

C. RECYCLED PRODUCT PREFERENCE

Recycled product preference shall not apply to this proposal.

PROPOSAL SCHEDULE

PAINTING OF ADMINISTRATIVE TOWER BUILDING AT DANIEL K. INOUYE INTERNATIONAL AIRPORT HONOLULU, OAHU, HAWAII

PROJECT NO. CO1334-73

Item No.	Description	Unit	Amount
01561.1	Construction Site Runoff Control Program	Lump Sum	\$
09901.1	Paint Exterior Concrete Surface (Horizontal and Vertical) Including Facade	Lump Sum	\$
09901.2	Paint Stairwell Balconies Including Walls, Ceiling, Doors, Conduits, and Fire Protection Piping	Lump Sum	\$
09901.3	Paint Roof and Cab Including Roof Access Doors, Railings, Exterior Wall Surfaces, Exterior Stairs, and Equipment Mounts	Lump Sum	\$
09901.4	Allowance for Unforeseen Conditions	Allowance	\$ 75,000.00
	TOTAL AMOUNT FOR COMPARISON OF BIDS		

Proposal Notes:

- Note 1: Bid shall include all Federal, State, County and other applicable taxes and fees.
- Note 2: The "**TOTAL AMOUNT FOR COMPARISON OF BIDS**" will be used to determine the lowest responsible and responsive bidder.
- Note 3: Bidders shall complete all unit prices and amounts. Failure to do so shall be grounds for rejection of bid.

- Note 4: The bidder shall submit the proposal in HlePRO. The proposal shall be UPLOADED to HlePRO prior to the bid opening date and time. Proposals received after said due date and time shall not be considered. Original (wet ink) proposal documents are not required to be submitted. The award will be made based on proposals uploaded in HlePRO. Any and all other additional documents explicitly designated and labeled as CONFIDENTIAL OR PROPRIETARY shall be UPLOADED SEPARATELY to HlePRO.
- Note 5: If the lowest TOTAL AMOUNT FOR COMPARISON OF BIDS is less than, or approximately equal to the funds available for this project, an award will be made to the lowest responsible bidder.
- Note 6: If the lowest TOTAL AMOUNT FOR COMPARISON OF BIDS exceeds the funds available, the State reserves the right to negotiate with the lowest responsible bidder as permitted under Section 103D-302, Hawaii Revised Statutes, to further reduce the scope of work and award a contract thereafter. No additional compensation will be paid by the State for losses, including overhead and profit, resulting from reduced scope of work.
- Note 7: Submission of a Proposal is a warranty that the bidder has made an examination of the project site and is fully aware of all conditions to be encountered in performing the work and the requirements of the plans and specifications.
- Note 8: The bidder's attention is directed to Section 2.11 Bid Security and Section 2.24 Requirements of Contract Bonds of the "GENERAL PROVISIONS".
- Note 9: Bidder shall be paid for actual work performed as directed by the Engineer for allowance items. Bidder will not be paid overhead and profit for unused allowance funds.
- Note 10: The State reserves the right to reject any and or all Bids and to waive any defects in the best interest of the State.

SURETY BID BOND

	Bond No.	
KNOW TO ALL BY THESE PRESEN	NTS:	
That we,		
	(full name or legal title of offeror)	
as Offeror, hereinafter called the F	Principal, and	
	(name of bonding company)	
as Surety, hereinafter called Suret Surety in the State of Hawaii, are	y, a corporation authorized to transact bus held and firmly bound unto	iness as a
	(State/county entity)	
as Owner, hereinafter called Owner	er, in the penal sum of	
	(required amount of bid security)	
Dollars (\$), lawful money of the United Stat	es of America,
for the payment of which sum we	Il and truly to be made, the said Principal a	ind the said
•	executors, administrators, successors and a	assigns, jointly
and severally, firmly by these pres	sents.	
WHEREAS:		
The Principal has submitted	d an offer for	
(pro	ject by number and brief description)	
the alternate, accept the offer of the with the Owner in accordance with as may be specified in the solicital surety for the faithful performance and material furnished in the prosession.	ation is such that if the Owner shall reject so the Principal and the Principal shall enter in the the terms of such offer, and give such to tion or Contract Documents with good and the of such Contract and for the prompt payre ecution thereof as specified in the solicitation therwise to remain in full force and effect.	to a contract cond or bonds I sufficient ment of labor on then this
	Name of Principal (Offeror)	(Seal)
	Signature	
	Title	
	Name of Surety	(Seal)
	Signature	<u> </u>
	Title	

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

AIRPORTS DIVISION

FORMS

Contents:

Sample Contract

Surety Performance Bond

Performance Bond

Surety Labor and Material Payment Bond

Labor and Material Payment Bond

Chapter 104, HRS Compliance Certificate

Certification of Compliance for Employment of State Residents, Act 192, SLH 2011

CONTRACT

THIS AGREEMENT, made this day of ________, by and between the STATE OF HAWAII, by its Director of Transportation, hereinafter referred to as "STATE", and <u>«CONTRACTOR»</u>, <u>«STATE_OF_INCORPORATON»</u>, whose business/post office address is <u>«ADDRESS»</u>, hereinafter referred to as CONTRACTOR";

WITNESSETH: That for and in consideration of the payments hereinafter mentioned, the CONTRACTOR hereby covenants and agrees with the STATE to complete in place, furnish and pay for all labor and materials necessary for "«PROJECT_NAME_AND_NO»", or such a part thereof as shall be required by the STATE, the total amount of which labor, material and construction shall be computed at the unit and/or lump sum prices set forth in the attached proposal schedule and shall be the sum of «BASIC_NUMERIC»»</code> as follows:

TOTAL AMOUNT FOR COMPARISON OF BIDS......\$«BASIC NUMERIC»

which sum shall be provided from State funds, all in accordance with the specifications, the special provisions, if any, the notice to bidders, the instructions to bidders, the proposal and plans for «PROJECT_NO_ONLY», and any supplements thereto, on file in the office of the Director of Transportation. These documents, together with all alterations, amendments, and additions thereto and deductions therefrom, are attached hereto or incorporated herein by reference and made a part of this contract.

The CONTRACTOR hereby covenants and agrees to complete such construction within «WORKING_DAYS» from the date indicated in the Notice to Proceed from the State subject, however, to such extensions as may be provided for in writing under the specifications.

For and in consideration of the covenants, undertakings and agreements of the CONTRACTOR herein set forth and upon the full and faithful performance thereof by the CONTRACTOR, the STATE hereby agrees to pay the CONTRACTOR the sum of

«BASIC»—DOLLARS (\$«BASIC NUMERIC») in lawful money, but not more than such part of the same as is actually earned according to the STATE's determination of the actual quantities of work performed and materials furnished by the CONTRACTOR at the unit or lump sum prices set forth in the attached proposal schedule. Such payment, including any extras, shall be made, subject to such additions or deductions hereto or hereafter made in the manner and at the time prescribed in the specifications and this contract.

An additional sum of <u>«EXTRAS»-----DOLLARS (\$«EXTRA_NUMERIC»)</u> is hereby provided for extra work.

All words used herein in the singular shall extend to and include the plural. All words used in the plural shall extend to and include the singular. The use of any gender shall extend to and include all genders.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be duly executed the day and year first above written.

STATE OF HAWAII	
Director of Transportation	
«CONTRACTOR»	(Seal)
Signature	•
,	
Print name	
Print Title	
Date	

PERFORMANCE BOND (SURETY)

(6/21/07)

KNOW TO ALL BY THESE PRESENTS:

That		······································
	(Full Legal Name and Street Address of	of Contractor)
	er called Principal, and	
	(Name and Street Address of Bonding	g Company)
•	illed Surety, a corporation(s) authori	
surety in the State of Ha	waii, are held and firmly bound unto	the, (State/County Entity)
its successors and assig	ns, hereinafter called Obligee, in the	e amount of
), to which payment Prin Iministrators, successors and assigr	
	above-bound Principal has signed a for the following project:	
hereinafter called Contra hereof.	ict, which Contract is incorporated h	nerein by reference and made a part

NOW THEREFORE, the condition of this obligation is such that:

If the Principal shall promptly and faithfully perform, and fully complete the Contract in strict accordance with the terms of the Contract as said Contract may be modified or amended from time to time; then this obligation shall be void; otherwise to remain in full force and effect.

Surety to this Bond hereby stipulates and agrees that no changes, extensions of time, alterations, or additions to the terms of the Contract, including the work to be performed thereunder, and the specifications or drawings accompanying same, shall in any way affect its obligation on this bond, and it does hereby waive notice of any such changes, extensions of time, alterations, or additions, and agrees that they shall become part of the Contract.

In the event of Default by the Principal, of the obligations under the Contract, then after written Notice of Default from the Obligee to the Surety and the Principal and subject to the limitation of the penal sum of this bond, Surety shall remedy the Default, or take over the work to be performed under the Contract and complete such work, or pay moneys to the Obligee in satisfaction of the surety's performance obligation on this bond.

Signed this	day of	,	
	(Seal)	Name of Principal (Contractor)	
		* Signature	_
	(01)	Title	
	(Seal)	Name of Surety *	
		Signature	

^{*}ALL SIGNATURES MUST BE ACKNOWLEDGED BY A NOTARY PUBLIC

PERFORMANCE BOND

KNOW TO ALL BY THESE PRESENTS:

That we,	
	(full legal name and street address of Contractor)
as Contr	ractor, hereinafter called Contractor, is held and firmly bound unto the
	(State/County entity)
its succe	essors and assigns, as Obligee, hereinafter called Obligee, in the amount
	(Dollar amount of Contract) DOLLARS \$
	(Dollar amount of Contract)
and truly	noney of the United States of America, for the payment of which to the said Obligee, well by to be made, Contractor binds itself, its heir, executors, administrators, successors and firmly by these presents. Said amount is evidenced by:
	Legal Tender;
	Share Certificate unconditionally assigned to or made payable at sight to
	Description:
	Certificate of Deposit, No.
	institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to
	Cashier's Check No, dated
	drawn on a bank, savings institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to;
	Teller's Check No, dated
	drawn on a bank, savings institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to;
	Treasurer's Check No, dated
	drawn on a bank, savings institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to;
	Official Check No, dated
	drawn ona bank, savings institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to;
П	
	Certified Check No, dated accepted by a bank, savings institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to;

PB-1 r11/17/98

WHEREAS:	
The Contractor has by written agreement dated ent contract with Obligee for the following Project:	ered into c
hereinafter called Contract, which Contract is incorporated herein by reference and nereof.	nade a par
NOW THEREFORE,	
The Condition of this obligation is such that, if Contractor shall promptly and faithful the Contract in accordance with, in all respects, the stipulations, agreements, covered conditions of the Contract as it now exists or may be modified according to its term deliver the Project to the Obligee, or to its successors or assigns, fully completed as in the specified and free from all liens and claims and without further cost, expense or che Obligee, its officers, agents, successors or assigns, free and harmless from all suits or activature and kind which may be brought for or on account of any injury or damage, direct arising or growing out of the doing of said work or the repair or maintenance thereof or of doing the same or the neglect of the Contractor or its agents or servants or the performance of the Contract by the Contractor or its agents or servants or from any of them this obligation shall be void; otherwise it shall be and remain in full force and effective.	enants and shall a contract arge to the cons of every the manne imprope other cause
AND IT IS HEREBY STIPULATED AND AGREED that suit on this bond may be brought be of competent jurisdiction without a jury, and that the sum or sums specified in the said liquidated damages, if any, shall be forfeited to the Obligee, its successors or assigns, in a breach of any, or all, or any part of, covenants, agreements, conditions, or stipulation in the Contract or in this bond in accordance with the terms thereof.	Contract as the event o
The amount of this bond may be reduced by and to the extent of any payment of made in good faith hereunder.	or payments
Signed and sealed this,, day of,	_·

(Seal)_____

Title

Signature*

Name of Contractor

*ALL SIGNATURES MUST BE ACKNOWLEDGED BY A NOTARY PUBLIC

PB-2 r11/17/98

LABOR AND MATERIAL PAYMENT BOND (SURETY)

(6/21/07)

KNOW TO ALL BY THESE PRESENTS:

That

(Full Legal Name and Street Address of Contractor)		
as Contractor, hereinafter called Principal, and		
(Name and Street Address of Bonding Company) as Surety, hereinafter called Surety, a corporation(s) authorized to transact business as a surety in the State of Hawaii, are held and firmly bound unto the		
its successors and assigns, hereinafter called Obligee, in the amount of		
Dollars (\$), to which payment Principal and Surety bind themselves their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.		
WHEREAS, the above-bound Principal has signed Contract with the Obligee on for the following project:		
hereinafter called Contract, which Contract is incorporated herein by reference and made a part hereof.		
NOW THEREFORE , the condition of this obligation is such that if the Principal shall promptly make payment to any Claimant, as hereinafter defined, for all labor and materials supplied to the Principal for use in the performance of the Contract, then this obligation shall be void; otherwise to remain in full force and effect.		
1. Surety to this Bond hereby stipulates and agrees that no changes, extensions of time, alterations, or additions to the terms of the Contract, including the work to be performed thereunder, and the specifications or drawings accompanying same, shall in any way affect its obligation on this bond, and it does hereby waive notice of any such changes, extensions of		

A "Claimant" shall be defined herein as any person who has furnished labor or materials

time, alterations, or additions, and agrees that they shall become part of the Contract.

to the Principal for the work provided in the Contract.

Every Claimant who has not been paid amounts due for labor and materials furnished for work provided in the Contract may institute an action against the Principal and its Surety on this bond at the time and in the manner prescribed in Section 103D-324, Hawaii Revised Statutes, and have the rights and claims adjudicated in the action, and judgment rendered thereon; subject to the Obligee's priority on this bond. If the full amount of the liability of the Surety on this bond is insufficient to pay the full amount of the claims, then after paying the full amount due the Obligee, the remainder shall be distributed pro rata among the claimants.

Signed this	day of	·
	(Seal)	Name of Principal (Contractor)
		* Signature
	(Seal)	Title
		* Signature
		 Title

*ALL SIGNATURES MUST BE ACKNOWLEDGED BY A NOTARY PUBLIC

LABOR AND MATERIAL PAYMENT BOND

KNOW TO ALL BY THESE PRESENTS:

T	hat we,
	(full legal name and street address of Contractor)
as Contra	ctor, hereinafter called Contractor, is held and firmly bound unto(State/County entity)
ts succes	sors and assigns, as Obligee, hereinafter called Obligee, in the amount
	DOLLARS (\$)
	(Dollar amount of Contract)
to be mad	ney of the United States of America, for the payment of which to the said Obligee, well and truly de, Contractor binds itself, its heir, executors, administrators, successors and assigns, firmly by sents. Said amount is evidenced by:
	Legal Tender;
	Share Certificate unconditionally assigned to or made payable at sight to
	Certificate of Deposit, No, dated issued bydrawn on
	a bank, savings institution or credit union insured by the Federal Deposit Insurance Corporation or the National
	Credit Union Administration, payable at sight or unconditionally assigned to
	Cashier's Check No, dated drawn on
	a bank, savings institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to ;
	Teller's Check No, dated drawn on a bank, savings
	institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to
	Treasurer's Check No, dated drawn on
	a bank, savings institution or credit union insured by the Federal Deposit Insurance Corporation or the National
	Credit Union Administration, payable at sight or unconditionally assigned to
	Official Check No, dated drawn on a bank, savings
	institution or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration, payable at sight or unconditionally assigned to ;
	Certified Check No

LB-1 r11/17/98

WHEREAS: The Contractor has by written agreement dated ______ entered into a contract with Obligee for the following Project:_____ hereinafter called Contract, which Contract is incorporated herein by reference and made a part hereof. NOW THEREFORE. The condition of this obligation is such that, if Contractor shall promptly and faithfully perform the Contract in accordance with, in all respects, the stipulations, agreements, covenants and conditions of the Contract as it now exists or may be modified according to its terms, free from all liens and claims and without further cost, expense or charge to the Obligee, its officers, agents, successors or assigns, free and harmless from all suits or actions of every nature and kind which may be brought for or on account of any injury or damage, direct or indirect, arising or growing out of the doing of said work or the repair or maintenance thereof or the manner of doing the same or the neglect of the Contractor or its agents or servants or the improper performance of the Contract by the Contractor or its agents or servants or from any other cause, then this obligation shall be void; otherwise it shall be and remain in full force and effect. AND IT IS HEREBY STIPULATED AND AGREED that suit on this bond may be brought before a court of competent jurisdiction without a jury, and that the sum or sums specified in the said Contract as liquidated damages, if any, shall be forfeited to the Obligee, its successors or assigns, in the event of a breach of any, or all, or any part of, covenants, agreements, conditions, or stipulations contained in the Contract or in this bond in accordance with the terms thereof. AND IT IS HEREBY STIPULATED AND AGREED that this bond shall inure to the benefit of any and all persons entitled to file claims for labor performed or materials furnished in said work so as to give any and all such persons a right of action as contemplated by Sections 103D-324(d) and 103D-324(e), Hawaii Revised Statutes. The amount of this bond may be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payments of mechanics' liens which may be filed of record against the Project, whether or not claim for the amount of such lien be presented under and against this bond... Signed this ______, ____, ____, (Seal)______Name of Contractor

LB-2 r11/17/98

Signature*

Title

ALL SIGNATURES MUST BE ACKNOWLEDGED BY A

NOTARY PUBLIC

CHAPTER 104, HRS COMPLIANCE CERTIFICATE

The undersigned bidder does hereby certify to the following:

2.

My Commission Expires:

- 1. Individuals engaged in the performance of the contract on the job site shall be paid:
 - A. Not less than the wages that the director of labor and industrial relations shall have determined to be prevailing for corresponding classes of laborers and mechanics employed on public works projects; and
 - B. Overtime compensation at one and one-half times the basic hourly rate plus fringe benefits for hours worked on Saturday, Sunday, or a legal holiday of the State or in excess of eight hours on any other day.

All applicable laws of the federal and state governments relating to workers'

compensation, unemployment compensation, payment of wages, and safety shall be fully complied with.

DATED at Honolulu, Hawaii, this ______ day of _______.

Name of Corporation, Partnership, or Individual _______.

Signature and Title of Signer

Doc. Date: ______ # Pages: ______.

Notary Name: _______ Circuit ______.

Notary Public, ______ Judicial Circuit,

State of Hawaii

Notary Signature
NOTARY CERTIFICATION

Date

PROVISIONS TO BE INCLUDED IN CONSTRUCTION PROCUREMENT SOLICITATIONS

- 1. Definitions for terms used in HRS Chapter 103B as amended by Act 192, SLH 2011:
 - a. "Contract" means contracts for construction under 103D, HRS.
 - b. "Contractor" has the same meaning as in Section 103D-104, HRS, provided that "contractor" includes a subcontractor where applicable.
 - c. "Construction" has the same meaning as in Section 103D-104, HRS.
 - d. "General Contractor" means any person having a construction contract with a governmental body.
 - e. "Procurement Officer" has the same meaning as in Section 103D-104, HRS.
 - f. "Resident" means a person who is physically present in the State of Hawai'i at the time the person claims to have established the person's domicile in the State of Hawai'i and shows the person's intent is to make Hawai'i the person's primary residence.
 - g. "Shortage trade" means a construction trade in which there is a shortage of Hawai'i residents qualified to work in the trade as determined by the Department of Labor and Industrial Relations.
- 2. HRS Chapter 103B as amended by Act 192, SLH 2011–Employment of State Residents Requirements:
 - a. A Contractor awarded a contract shall ensure that Hawai'i residents comprise not less than 80% of the workforce employed to perform the contract work on the project. The 80% requirement shall be determined by dividing the total number of hours worked on the contract by Hawai'i residents, by the total number of hours worked on the contract by all employees of the Contractor in the performance of the contract. The hours worked by any Subcontractor of the Contractor shall count towards the calculation for this section. The hours worked by employees within shortage trades, as determined by the Department of Labor and Industrial Relations (DLIR), shall not be included in the calculation for this section.

- b. Prior to award of a contract, an Offeror/Bidder may withdraw an offer/bid without penalty if the Offeror/Bidder finds that it is unable to comply with HRS Chapter 103B as amended by Act 192, SLH 2011.
- c. Prior to starting any construction work, the Contractor shall submit the subcontract dollar amount for each of its Subcontractors.
- d. The requirements of this section shall apply to any subcontract of \$50,000 or more in connection with the Contractor; that is, such Subcontractors must also ensure that Hawai'i residents comprise not less than 80% of the Subcontractor's workforce used to perform the subcontract.
- e. The Contractor and any Subcontractor whose subcontract is \$50,000 or more shall comply with the requirements of HRS Chapter 103B as amended by Act 192, SLH 2011.
 - Certification of compliance shall be made in writing under oath by an officer of the General Contractor and applicable Subcontractors and submitted with the final payment request.
 - The certification of compliance shall be made under oath by an officer of the company by completing a "Certification of Compliance for Employment of State Residents" form and executing the Certificate before a licensed notary public.
 - 3) In addition to the certification of compliance as indicated above, the Contractor and Subcontractors shall maintain records such as certified payrolls for laborers and mechanics who performed work at the site and time sheets for all other employees who performed work on the project. These records shall include the names, addresses and number of hours worked on the project by all employees of the Contractor and Subcontractor who performed work on the project to validate compliance with HRS Chapter 103B as amended by Act 192, SLH 2011. The Contractor and Subcontractors shall retain these records and provide access to the State for a minimum period of four (4) years after the final payment, except that if any litigation, claim, negotiation, investigation, audit or other action involving the records has been started before the expiration of the four-year period, the Contractor and Subcontractors shall retain the records until completion of the action and resolution of all issues that arise from it, or until the end of the four-year period, whichever occurs later. Furthermore, it shall be the Contractor's responsibility to enforce compliance with this provision by any Subcontractor.

- f. A General Contractor or applicable Subcontractor who fails to comply with this section shall be subject to any of the following sanctions:
 - 1) With respect to the General Contractor, withholding of payment on the contract until the Contractor or its Subcontractor complies with HRS Chapter 103B as amended by Act 192, SLH 2011.
 - 2) Proceedings for debarment or suspension of the Contractor or Subcontractor under Hawai'i Revised Statues §103D-702.
- 3. <u>Conflict with Federal Law</u>: This section shall not apply if the application of this section is in conflict with any federal law, or if the application of this section will disqualify the State from receiving Federal funds or aid.

CERTIFICATION OF COMPLIANCE FOR

EMPLOYMENT OF STATE RESIDENTS HRS CHAPTER 103B, AS AMENDED BY ACT 192, SLH 2011

Project Title:		
Agency Project No:		
of Hawaii 2011-Emplo hereby certify under oa for the Project Contract compliance with HRS C	yment of State R th, that I am an of indicated above Chapter 103B, as less than eighty	corm this Contract.
		☐ I am an officer of the Contractor for this contract.
CORPORATE SEAL		☐ I am an officer of a Subcontractor for this contract.
		(Name of Company)
		(Signature)
		(Print Name)
•	·	(Print Title)
Subscribed and sworn to me	before this	Doc. Date: # of Pages 1st Circuit
day of	, 2011.	Notary Name: Doc. Description:
Notary Public, 1st Circuit, Some My commission expires:	tate of Hawai'i	
		Notary Signature Date NOTARY CERTIFICATION