

REQUEST FOR PROPOSALS (RFP)
(Chapter 103D, HRS)

The State of Hawaii, Department of Transportation, Airports Division (DOT) is requesting proposals for the ARFF REGIONAL TRAINING CENTER PROPS, KOA, KONA INTERNATIONAL AIRPORT AT KEAHOLE, KAILUA- KONA, HAWAII, STATE OF HAWAII, PROJECT NO. AH2044-21. This project is advertised as a Qualification/Bid type project.

This Project is procured under and subject to Section 103D-303 of the Hawaii Revised Statutes (HRS), and Chapter 3-122 of the Hawaii Administrative Rules (HAR), based upon competitive seal proposals and in accordance with the Scope of Work.

To be eligible to submit a proposal, Proposers must possess a valid State of Hawaii General Engineering Contractor's "A" license prior to the submission of their Qualification Proposal documents as specified herein.

A compact disc containing the RFP documents may be obtained at the Department of Transportation, Contracts Office, 869 Punchbowl Street, Room 105, Honolulu, Hawaii 96813. The "General Provisions" applicable to this project are also available for viewing on the internet at <http://www6.hawaii.gov/dot/genprovision.htm>.

Scope of Work: The project includes the acquisition and installation of training props for the Hawaii ARFF Regional Training Center. The props include Index E compliant Spill Fire Trainer (SFT) and Specialized Aircraft Fire Trainer (SAFT) for the purpose of providing the required training for Aircraft Rescue Fire Fighter (ARFF) to meet FAR Part 139 Standards. The Spill Fire Trainer (SFT) will provide an 18,090 sf, drive-on, water based, burn area with a passive mockup of the size of a Boeing B777. The Specialized Aircraft Fire Trainer (SAFT) will consist of an

A380 sized mockup with exterior and interior training fires. In addition, the project also includes the acquisition of a portable car fire prop.

A. The **Propane Equipment Supplier** Provides:

- Weather and heat resistant, steel Mockups for SAFT, SFT and Portable Car Fire Trainer.
- Computers, software and control equipment to control the fires, smoke, sounds
- Control wiring for fire and equipment operations
- Control panels for equipment operations (fire, smoke, and sound control)
- Power wiring for equipment operations (fire, smoke, and sound control)
- Propane pumps/valves within burn areas
- Above ground propane piping and distribution within the burn areas (SAFT and SFT)
- Above ground control and electrical conduits within burn areas (SAFT and SFT)
- Above ground piping and nozzles for cooling water used to cool mockups, if required. (SAFT and Spill Fire)
- All I/O panels, and all control wiring for the SFT and SAFT
- Facility Interface Documents(FIDs) that provide design information for:
 - Propane tank size
 - Design of propane delivery system (ie. pump sizes, pipe layouts, control equipment, etc.)
 - Prop dimensions and weights for foundation design
 - Schematic layout and design of burn pit (pipe and burner distribution, drive on pit details, drainage control, etc.)
 - Control bunker(s) locations and size
 - Size and location of control wiring conduits

- Size and location of electrical power conduits
- Water volume and pressure requirements and pipe sizing required for cooling water.
- SFT Burn area schematic design (drain locations, water control, size, propane distribution lines, etc.)
- SAFT area schematic design (drain locations, water control, size, propane line distribution, etc.)

B. The **General Contractor** will provide (based on the FIDs provided by the Propane Equipment Supplier) the following infrastructure prior to Propane Vendor installation and integration:

- Underground Infrastructure:
 - Water lines and control valves
 - Power conduits (Propane Vendor installs power wiring)
 - Control conduits (Propane Vendor Provides control wiring)
 - Underground propane piping, pumps, valves and control equipment
 - Drainage features required for SFT Burn Area
 - Drainage features required for Specialized Aircraft Fires Trainer Area
 - Manholes and Bunkers for control of water, propane, including valves and control conduits
 - Air fan and piping for bunker and manhole positive air pressure.

- Above Ground Infrastructure:
 - Propane vaporizer (converts liquid propane to vapor)

- Electrical Power panels. (Propane Vendor shall make connections to electrical panels for their equipment.)
- Propane Tanks, pumps and distribution (Some above and some underground). Propane vendor will provide control of the propane delivery system.

Project is required to secure a building permit from the County of Hawaii.

Proposal Requirements: Proposers' attention is directed to ARTICLE II – PROPOSAL REQUIREMENTS AND CONDITIONS of the RFP documents (the Supplemental Special Provisions, the Special Provisions and the General Provisions). Proposals shall be evaluated in a single step process.

QUALIFICATION AND PRICE PROPOSAL: Due 2:00 pm, Thursday, December 29, 2016

All Proposers shall submit (1) original and six (6) copies of their Qualification and Price Proposals in accordance with Section 2.7 of the Supplemental Special Provisions of the RFP documents. The Price Proposal shall be submitted in a separate sealed envelope and shall be on the Proposal Forms provided in the RFP documents on the compact disc furnished by the DOT. Qualification and Price Proposals shall be received at the Department of Transportation, Contracts Office, 869 Punchbowl Street, Room 105, Honolulu, Hawaii 96813 until **2:00 p.m., Hawaii Standard Time, Thursday, December 29, 2016.** Qualification and Price Proposals received after the established due date and time will not be considered.

A one-time only pre-proposal meeting is scheduled for **9:00 a.m. November 29, 2016** at the Airports Division Office, Inter-Island Terminal Building, 7th Floor, Conference Room C,, 400 Rodgers Boulevard, 7th Floor Honolulu, HI 96819, to explain and clarify any questions regarding this project. Live fire generation propane equipment suppliers are encouraged to

attend, but attendance is not mandatory. Persons needing special accommodations at the pre-proposal meeting due to a disability may contact Mr. Gene Matsushige, Head Construction Engineer, at (808) 838-8826, or by email at gene.matsushige@hawaii.gov.

Based on the evaluation Qualification/Price criteria established in the RFP documents, the DOT RFP Evaluation Panel will determine a rating of each Proposer using the information contained in the submitted Proposal document.

Interview: Subsequent to the review of the Qualification and Price Proposals, the DOT **may** conduct an interview with the qualified Proposer's key personnel who will be involved with the project. Proposers selected by the DOT RFP Evaluation Panel will be notified by the DOT of their scheduled interview date, time, and location.

Award of Contract: The award of contract will be made in accordance with ARTICLE III – AWARD AND EXECUTION OF CONTRACT of the RFP documents (Proposers' attention is directed to the Supplemental Special Provisions, Special Provisions and General Provision of the RFP documents).

Campaign contributions by State and County Contractors: Proposers are hereby notified of the applicability of Section 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.

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. Proposers 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 responsible Proposer with the highest score without discrimination on the grounds of race, color, national origin or sex (as directed by 23 CFR Part 200).

Funding for This Contract is Federally Assisted. Contractors at every tier must comply with applicable federal requirements including but not limited to: the Buy American Preference, Foreign Trade Restriction, Davis Bacon, Affirmative Action, Governmentwide Debarment and Suspension, Governmentwide Requirements for Drug-free Workplace, as contained in the bid documents.

Title VI Solicitation Notice. The State of Hawaii, Department of Transportation, Airports Division (DOT), in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Disadvantaged Business Enterprise (DBE). The U.S. Department of Transportation Regulations entitled "Participation by Disadvantaged Business Enterprise in Department of Transportation Programs", Title 49, Code of Federal Regulations, Part 26 is applicable to this project. Bidders are hereby notified that the Department of Transportation will strictly enforce full compliance with all of the requirements of the Disadvantaged Business Enterprise (DBE) program with respect to this project.

Bidders are directed to read and be familiar with the General Information Regarding Disadvantaged Business Enterprises (DBEs) and Regulatory Requirements for Federal-Aid

Projects regarding Disadvantaged Business Enterprise (DBE), which establishes the program requirements pursuant to Title 49 Code of Federal Regulations Part 26 and, particularly, the requirements of certification, method of award, and evidence of good faith.

For additional information, contact Mr. Gene Matsushige, Head Construction Engineer, at (808) 838-8826, or by email at gene.matsushige@hawaii.gov or by mail at 400 Rodgers Blvd., Suite 700, Honolulu, Hawaii 96819.

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



Ford N. Fuchigami
Director of Transportation
State of Hawaii

Internet Posting: November 7, 2016