

**Answers to Questions for solicitation: B23002699 25-ton Trane indoor AC unit  
upgrade for Laupahohoe Library  
06/05/2023**

1. Shall the contractor include the chemical water treatment and recharge?

*Yes, both are to be compatible with the new AC equipment and meets applicable Government codes.*

2. The scope of work notes to upgrade the 25-ton Trane indoor AC unit. The existing AC units use R-22 refrigerant. All equipment in the mechanical room was "off" during the pre-bid site visit. a. Please confirm that upgrading of the 25-ton indoor AC unit includes both the chiller unit and the condenser unit. b. Please confirm that the support equipment will also need to be replaced, chemical pot, chilled water pump, expansion tank, refrigerant piping, etc. c. Please confirm that the POC will be the existing valves on the chilled water piping and after the backflow preventer for the make-up water.

*The scope of work is provided in the original solicitation (i.e. specifications, special provisions). AC equipment and related equipment are to be upgraded to a 25-ton Trane indoor unit (existing) or approved equal (i.e. chiller, condenser, chiller pump, condenser pump, expansion tank, refrigerant piping, up to existing isolation valves). No R-22 refrigerant to be used and the new refrigerant is 410A.*

3. What is the total amount of consecutive calendar days the existing AC system can be shut down to install the new AC equipment? Please confirm that this shut down period can be during normal working hours, Monday to Friday, 7:00am to 3:30pm.

*The total amount of consecutive calendar days is three (3).*

4. Will temporary cooling of equivalent capacity need to be provided during the period the existing AC equipment is taken out of service?

*No.*

5. For the Qualification Form, section E, does Department of Education, DAGS, or University of Hawaii projects qualify as projects/firms for previous work?

*Yes.*

6. We have worked for various departments within the same firm, could the same firm be listed as a reference more than once on the Qualification Form, Section E?

*Yes*

**7. Specification Section, "Testing and Balancing, (TAB)" notes to perform operational tests on all air conditioning and ventilation equipment and devices to determine proper compliance with specifications and manufacturer's design. Please confirm that that TAB shall be performed only on the new equipment furnished on this project.**

*Provide a pre-construction TAB to establish an existing condition – Benchmark. The after-installation TAB shall be performed only on the new equipment furnished for this project.*

**8. SP-2, Page 8, Paragraph 8.0 states; "Offerors are solely responsible to review the project requirements, determine the appropriate licenses required, and ensure that they possess and that the Subcontractor(s) listed possess the necessary specialty licenses to perform the work for this project." Please furnish bid form to list subcontractors if required.**

*Any specialty work which performs over five (5) percent of the construction cost will have to have a valid specialty license.*

**9. The project documents indicates that the scope of work is to replace the existing AC equipment with equipment of like kind, please confirm that building permits will not be required to perform the work on this project.**

*No building permits are required for the upgrade/emergency work project.*