



STATE OF ALASKA
DEPARTMENT OF ADMINISTRATION
DIVISION OF GENERAL SERVICES

INVITATION TO BID

ADDENDUM TO THE CONTRACT

2017-0222-3531

Douglas Island Building OAH TI and Ventilation Upgrades

ADDENDUM NO.: **Three**

CURRENT BID DUE DATE:

February 6, 2017, 2:00 p.m. Local Time

PREVIOUS ADDENDA: **Two**

PREVIOUS BID DUE DATE:

February 6, 2017, 2:00 p.m. Local Time

ISSUED BY: Statewide Facilities
Division of General Services
Department of Administration
P.O. Box 110210
Juneau, Alaska 99811-0210

DATE ADDENDUM ISSUED: January 25, 2017

The following items change and clarify the Contract and all other terms and conditions remain the same.

Item No. 1:

The Alaska Products Preference Worksheet, Section 004110, and the Basis of Design VRV Equipment, Section 238130, (attached), were mistakenly excluded from the original bid documents.

Item No. 2:

Decorative Metal Railings, Section 057300, shall be removed from the specifications as it is irrelevant in this solicitation.

By: Kami Bartness
Kami Bartness, Facilities Contracting Officer III

Total number of pages contained within this Addendum: 5

END OF ADDENDUM No. 3

ALASKA PRODUCTS PREFERENCE WORKSHEET

Contractor: _____ **Bid Phase:** _____

[illegible]

ALASKA PRODUCTS PREFERENCE WORKSHEET INSTRUCTIONS

Special Note: All procurements, except those funded from Federal sources, shall contain Contract provisions for the preference of Alaska products. The products listed by the Bidder or Proposer on this worksheet must have current certifications from the Alaska Products Preference program as of the date specified for bid opening or the proposal due date in order to be considered for the Alaska Products preference. A product with an expired Certification as of the date specified for bid opening or the proposal due date, will not be considered for the Alaska Products preference. In addition, and in accordance with the program, the products must be specified for use on the project. The listing of Certified Products is available from <http://www.commerce.state.ak.us/oed/prodpref/prodpref.htm>.

BIDDERS INSTRUCTIONS:

A. General. The Contracting Agency may request documentation to support entries made on this form. False presentations may be subject to AS 36.30.687. All Bidder's entries must conform to the requirements covering bid preparations in general. Discrepancies in price extensions shall be resolved by multiplying the declared total value times the preference percentage and adjusting any resulting computation accordingly.

B. Form Completion - BASIC BIDS.

- (1) Enter project number and name, the words "Basic Bid" and the CONTRACTOR'S name in the heading of each page as provided.
- (2) The Bidder shall compare those candidate products appearing on the preference listing (see Special Notice comments above) against the requirements of the technical specifications appearing in the contract documents. If the Bidder determines that a candidate product can suitably meet the contract requirements, then that product may be included in the worksheet as follows.
- (3) For each suitable product submitted under the "Basic Bid" enter:
 - a. the product name, generic description and its corresponding technical specification section number under the heading "PRODUCT",
 - b. the company name of the Alaska producer under the heading "MANUFACTURER", and,
 - c. the product class (I, II, or III) and preference percentage (3, 5, or 7%, respectively) under the "CLASS/%" heading.
- (4) For each product appearing on the list and to be utilized by the CONTRACTOR enter:
 - d. under the heading "TOTAL DECLARED VALUE" the manufacturer's quoted price of the product, (caution: this value is to be the manufacturer's quoted price at the place of origin and shall not include costs for freight, handling or miscellaneous charges of incorporating the product into the Work), and
 - e. the resulting preference--ie.: the preference percentage times the total declared value amount -- under the heading "REDUCTION AMOUNT".
- (5) Continue for all "suitable" basic bid products. If the listing exceeds one page enter the words "Page # ___ SUB" in front of the word "TOTAL" and on the first entry line of the following page enter "SUBTOTAL OF REDUCTION AMOUNT FROM PREVIOUS PAGE".
- (6) On the final page of the listing enter "BASIC BID PREFERENCE GRAND" immediately before the word "TOTAL".
- (7) Total the entries in the "REDUCTION AMOUNT" column for each page by commencing at the first entry for that page. If a continuation page exists, ensure that the subtotal from the previous page is computed into the running total. Number pages as appropriate.
- (8) Compute a Grand Total for the Basic Bid Preference. Enter this amount on the final page of the worksheet and at line or column "C" on the Bid Schedule or Bid Schedule Summary Sheet as appropriate. Submit worksheet(s) with Bid Schedule Summary Sheet.

C. Forms Completion - ALTERNATE BIDS.

- (1) Enter project number and name, the words "ALTERNATE BID # _____", and CONTRACTOR'S name in the heading of each page as provided.
- (2) On the first entry line enter "ADDITIONAL ALASKA PRODUCTS FOR ALTERNATE BID # _____", and repeat procedures 2 through 5 under part B of these Bidder's instructions except that references to "Basic Bid" shall be replaced with the words "Alternate Bid # _____".
- (3) Following the listing of all additional Alaska products enter the words "ADDITIONAL PRODUCTS PREFERENCE FOR ALTERNATE BID # _____ --SUBTOTAL" and enter a subtotal amount for all additional products as listed. Subtotal amount to be determined by adding all additional product entries in the "REDUCTION AMOUNT" column.
- (4) Skip three lines and enter "LESS THE FOLLOWING NON-APPLICABLE ALASKA PRODUCTS".
- (5) Beginning on the next line enter the product name and manufacturer of each Alaska Product appearing on the "Basic Bid" listing which would be deleted or reduced from the Project should the "Alternate Bid" be selected. Details of entry need only be sufficient to clearly reference the subject product. (ie. "Prehung Doors by Alaska Door Co. in lieu of "Prehung Solid Core Wood Door, model "Super Door", Section 08210, by Alaska Door Co., Anchorage.) Products being reduced shall specify the amount of the reduction. Should no products require deletion enter "None". When a product is listed as a "NON-APPLICABLE ALASKA PRODUCT" for this alternate bid and if under the basic bid the Bidder received a preference on his basic bid as a result of that product, then the applicable entries under the headings "TOTAL DECLARED VALUE" and "REDUCTION AMOUNT" (for each product and from the basic bid listing) shall also be entered into the corresponding headings of this form. Where only a portion of the product has been deleted, the entry (which will differ from those on the basic bid listing) may be "pro-rated" or as otherwise substantiated.
- (6) Following the listing of all non-applicable Alaska products enter the words "NON-APPLICABLE PRODUCTS PREFERENCE FORM BASIC BID --SUBTOTAL" and enter a subtotal amount for all non-applicable products as listed. Subtotal amount to be determined by adding all non-applicable entries in the "REDUCTION AMOUNT" column.
- (7) At the bottom of the final page enter the words "ALTERNATE BID # _____ PREFERENCE GRAND" immediately before the word "TOTAL".
- (8) Compute a Grand Total for the Alternate Bid Preference (for Alternate # _____) by subtracting the non-applicable product preference subtotal from the additional product preference subtotal. Enter on the final page as provided and at the corresponding line in column "C" on the Bid Schedule Summary Sheet. Submit worksheet(s) with the Bid Schedule Summary Sheet.
- (9) A separate listing for each alternate bid is required.

SECTION 23 8130 - BASIS OF DESIGN VRV EQUIPMENT

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Equipment characteristics for VRV HVAC system.

1.2 RELATED REQUIREMENTS

- A. Section 23 8129 - Variable Refrigerant Volume (VRV) HVAC System: Description of system, performance requirements, fundamental equipment requirements.

PART 2 PRODUCTS

2.1 OUTDOOR/CONDENSER UNITS

- A. VRV Unit ASHP-1: Air-cooled heat pump.
 - 1. Product: Daikin RXTQ48TAVJU.
 - 2. Cooling Capacity: 45,500 Btu/h.
 - 3. Heating Capacity: 49,500 Btu/h.
 - 4. Cooling Operating Range: 23 degrees F to 122 degrees F dry bulb.
 - 5. Heating Operating Range: -4 degrees F to 60 degrees F dry bulb, minus 5 degrees F to 60 degrees F wet bulb.
 - 6. Airflow: 2,682 cubic feet per minute.
 - 7. Sound Pressure: 58 dB(A).
 - 8. Number of Connectable Indoor Units: 2.
 - 9. Fan Motor Output and Quantity: 0.09 HP, 2.
 - 10. Unit Height: 52-15/16 ft.
 - 11. Unit Width: 35-7/16 ft.
 - 12. Unit Depth: 12-5/8 ft.
 - 13. Power Supply: 208-230 V/1 Phase/60Hz.
 - 14. Minimum Circuit Amps (MCA): 29.1 A
 - 15. Rated Load Amps (RLA) 19.0 A.
 - 16. Maximum Overcurrent Protection (MOP): 35 A.

2.2 INDOOR UNITS

- A. VRV Unit FC-1, FC-2: Concealed console unit with ducted connections.
 - 1. Product: Daikin FXMQ24PBVJU.
 - 2. Cooling Capacity: 24,000 Btu/h.
 - 3. Heating Capacity: 27,000 Btu/h.
 - 4. Airflow: Multiple speed between 565-688 cubic feet per minute with External Static Pressure range between 0.40-0.80 inches wg.
 - 5. Sound Pressure: 38 dB(A) at low, 42 dB(A) at high.
 - 6. Built-in condensate pump.
 - 7. Unit Height: 12 inches.
 - 8. Unit Width: 39 inches.
 - 9. Unit Depth: 28 inches.
 - 10. Mounting: Ceiling mounted.
 - 13. Power Supply: 208-230 V/1 Phase/60Hz.
 - 14. Minimum Circuit Amps (MCA): 1.8 A.
 - 15. Maximum Overcurrent Protection (MOP): 15 A.

16 Weight: 80 lbs.

B. Zoning Box FC-1, FC-2: Manufactured Zoned Duct Connection with motorized damper and control via room thermostats. To be attached to VRV unit. Control Board compatible with heat pump controls.

1. Product: Daikin DZK030E Series. FXMQ24PBVJU.
2. Damper Size: 8 inch diameter.
3. Damper actuator, powered from fan coil unit.

PART 3 EXECUTION

3.1 INSTALLATION

A. Section 23 8129 - Variable Refrigerant Volume (VRV) HVAC System: Description of system, performance requirements, fundamental equipment requirements.

END OF SECTION 23 8130