

**BID SPECIFICATION SHEET FOR FB17-109**

INSTALLATION OF DAIKIN HVAC EQUIPMENT IN POPPLEWELL HALL FOR 1ST AND 2ND FLOOR SYSTEMS

**Scope:**

Replace 1st and 2nd Floor HVAC Systems in Popplewell Hall in their entirety. Rooftop Condensing Units, Main Air Handlers, Heating Banks and Return Air Handlers will all be replaced with new equipment. All Pneumatic Controls to be removed and replaced with DDC thru TMI/Daikin Services.

**Timeline of Project:**

* Mandatory pre-bid meeting in Popplewell Hall room 206, Thursday, May 11th at 10:00am
* Bid opening Thursday, May 25th at 2:00pm Purchasing Department, Popplewell 221
* Project to begin on June 5, 2017
* Project to be completed by Friday August 25, 2017

**Bid Specification:**

* Any questions after the pre-bid meeting will need to be presented in writing no more than 48 hours after the date of the pre-bid meeting
* Provide all labor and equipment for demolition and removal of existing HVAC components, piping and ductwork to accomplish new install
* Removal of condenser, evaporator, air handler, return air handler, electric heat package, copper and other items identified as salvage from jobsite for salvage value
* Provide all labor, materials and tools for the complete installation of the HVAC system in accordance to all applicable building codes and manufacturer instructions, including but not limited to: sheet metal ductwork, insulation, duct sealant, high and low voltage wiring, condensate piping, cut and seal wall/roof penetrations, provide rigging to remove old roof top condensers and set new roof top condensers
* Furnish and install new refrigeration lines from Rooftop to new air handlers
* Demo old pneumatic controls associated with both 1st and 2nd floor air handling systems
* New DDC Controls to be provided and installed by TMI/Daikin Services
* Work must be coordinated with MWSU to minimize interference with university functions
* MWSU shall provide all Daikin components associated with the systemincluding Air Handling Units, Condensing Units, Return Air Fans, Heating Units, Variable Frequency Drives and Refrigeration specialties
* Install contractor shall receive, off load, store, handle and set all new equipment
* Work must adhere to MWSU Hot Work guidelines
* Provide suction filter core driers and ball valves for isolation on both systems
* Shall utilize dry nitrogen during all brazing to prevent oxidation
* Shall be liable for equipment damage due to inadequate/improper use of nitrogen during brazing
* Work shall be subject to guidance and inspection by representatives of TMI and MWSU Facilities Staff
* Perform daily cleanup and final cleanup upon completion of work
* TMI will provide Technical support for final system startup after system inspection and walk thru with MWSU and installing contractor. Install Contractor shall work with TMI, Control Services and MWSU Staff to complete startup and checkout. Any corrections, modifications or repairs found during the walk thru will need to be made to the system by the installing contractor prior to final system startup.



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Bid Amount $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Authorized Signature Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Return this pricing sheet with your bid. Include any addendum(s) with your initials.

Pricing must be FOB Missouri Western State University.

All questions should be directed to Purchasing Manager, Kelly Sloan, (816) 271-4465, [purchase@missouriwestern.edu](mailto:purchase@missouriwestern.edu)

Missouri Western reserves the right to accept or reject any or all items of this bid.

Include with your bid:

* Bid Bond in the amount of 5%
* Signed & Notarized Affidavit of Work Authorization (see attached) and completed MOU signature pages.
* E-verify

**This will be a prevailing wage project.**

* + **Bidders must submit a notarized Affidavit of Work Authorization and completed MOU signature pages, per attached memorandum dated January 2014, with their bids.**
  + **Annual Wage Order Number 23 is currently in effect. A copy of this order will be attached separately once bid is awarded.**
  + **A Certificate of Liability Insurance will also be required with MWSU listed as an additional insured and a performance bond.**
  + **Missouri Revised Statute Chapter 292.675 went into effect on August 28, 2008, all on-site employees are required to complete the ten-hour safety training program.**

**PREVAILING WAGE PROJECT INFORMATION**

TO: ALL BIDDERS

FROM: MISSOURI WESTERN STATE UNIVERSITY

DATE: January 2014

RE: ADDITIONAL BID SUBMISSION REQUIREMENTS

Please review Missouri statute, 285.530 RSMo, regarding employment of unauthorized aliens. Pursuant to RSMo 285.530 (1), No business entity or employer shall knowingly employ, hire for employment, or continue to employ an unauthorized alien to perform work within the State of Missouri, and (2), the bidder must affirm its enrollment and participation in a federal work authorization program with respect to the employees proposed to work in connection with the services requested herein by:

Submitting a completed, notarized copy of AFFIDAVIT OF WORK AUTHORIZATION (attached) and,

Providing documentation affirming the bidder’s enrollment and participation in a federal work authorization program (see below) with respect to the employees proposed to work in connection with the services requested herein.

A copy of RSMo 285.530 can be viewed in its entirety at:

<http://www.moga.mo.gov/statutes/C200-299/2850000530.HTM>

E-Verify is an example of a federal work authorization program. Acceptable enrollment and participation documentation consists of completed copy of the E-Verify Memorandum of Understanding (MOU). A sample of the MOU is included. For vendors that are not already enrolled and participating in a federal work authorization program, E-Verify is available at:

<http://www.dhs.gov/files/programs/gc_1185221678150.shtm>

*The successful bidder will be required to submit a notarized Affidavit of Work Authorization and the completed MOU signature pages (the last three pages) with their bid. A bid that does not include these items will be deemed Non-responsive.*

**WORK AUTHORIZATION AFFIDAVIT**

**PURSUANT TO R.S.Mo. §285.530**

**(For all bids in excess of $5,000.00)**

**Effective 1/1/09**

State of Missouri )

)ss

County of Buchanan )

Comes now \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Name of Business Entity Authorized Representative) as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Position/Title) first being duly sworn on my oath, affirm \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Business Entity Name) is enrolled and will continue to participate in the E-Verify federal work authorization program with respect to employees hired after enrollment in the program who are proposed to work in connection with the services related to contract(s) with the State of Missouri for the duration of the contract(s), if awarded in accordance with subsection 2 of section 285.530, RSMo. I also affirm that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Business Entity Name)does not and will not knowingly employ a person who is an unauthorized alien in connection with the contracted services provided under the contract(s) for the duration of the contract(s), if awarded.

***In Affirmation thereof, the facts stated above are true and correct. (The undersigned understands that false statements made in this filing are subject to the penalties provided under section 575.040, RSMo.)***

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| Authorized Representative’s Signature |  | Printed Name |
|  |  |  |
|  |  |  |
| Title |  | Date |
| E-Mail Address |  | E-Verify Company ID Number |

Subscribed and sworn to before me this \_\_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. I am

(DAY) (MONTH, YEAR)

commissioned as a notary public within the County of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, State of

(NAME OF COUNTY)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and my commission expires on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

(NAME OF STATE) (DATE)

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Signature of Notary |  | Date |