

**SECTION 00 1116
ADVERTISEMENT FOR BIDS**

ADVERTISEMENT FOR BIDS: Harper College – Building Z: AHU-1 Fan Array Retrofit (RFB Q011114)

1.1 BID INFORMATION

- A. Sealed bids are to be delivered to the Harper College Purchasing Department on or before Monday, April 24, 2023, at 11:00 a.m. Central Time for Building Z: AHU-1 Fan Array Retrofit – Request for Bid No. Q01114 in Building A, Room A217 on the Harper College campus located at 1200 West Algonquin Road; Palatine, IL 60067.
- B. Work includes (but is not limited to) the following mechanical, electrical and structural work.
 - 1. Mechanical work includes:
 - a. Demolish the existing supply and return fan inlet cones/dampers.
 - b. Replace the existing, large supply and return fans with a fan array configuration that includes a greater quantity of smaller direct drive fans with electronically commutated motors (ECMs). The ECMs are installed with an electronic control driver instead of variable frequency drives (VFDs).
 - c. Perform functional cleaning of the major components of the AHU and provide commissioning services after all retrofit work is completed. Test and balance fan air flows.
 - 2. Electrical work includes:
 - a. Reuse or demolish feeders to existing supply and return fans that are being replaced.
 - b. Provide feeders and associated overcurrent protection for new mechanical equipment.
 - c. Install a harmonic filter at the electronic control driver to protect the AHU, as well as the other equipment fed from the associated electrical switchgear.
 - 3. Structural work includes:
 - a. Restrain new fan array system inside AHU-1.
- C. Lump sum bid proposals will be received for this project at the scheduled time of receipt of bids and will be publicly opened and read aloud shortly thereafter.
- D. A non-mandatory prebid meeting has been scheduled for 2:00 p.m. Central Time on Tuesday, April 11, 2023, at Harper College, 1200 W. Algonquin Road, Palatine, Illinois 60067 in Building W, Room W-219. All bidders are encouraged to attend and sign-in at the meeting, which will also be attended by the Owner and Engineer and will be the only opportunity for an escorted walk through of the site.
- E. Bid security in the form of bid bond in an amount equal to 10 percent (10%) of the aggregate of the Base Bid amount and all Alternate Bid amounts shall be submitted with the bid.
- F. Performance, Labor and Material Payment Bonds, and Certificate of Insurance will be required from the successful bidder.
- G. Bids shall be submitted in an opaque sealed envelope addressed to: Harper College, Purchasing Department, located in A-Building, Room A217, 1200 W. Algonquin Road; Palatine, Illinois 60067.
- H. No bid may be withdrawn for a period of ninety days after the submission without the consent of the Board of Trustees.

- I. Any bid submitted unsealed, unsigned, fax transmission, e-mail, or received subsequent to the aforementioned date and time, may be disqualified and returned to the bidder.
- J. Harper College reserves the right to reject any or all bids or parts thereof, to waive any irregularities or informalities in bidding procedures, and to award the contract in a manner best serving the interest of the College.
- K. All bidders must comply with applicable Illinois Law requiring the payment of prevailing wages by all Contractors working on public works. Bidder must comply with the Illinois Statutory requirements regarding labor, including Equal Employment Opportunity Laws.
- L. Contractors shall pay not less than the prevailing rates of wages to all laborers, workmen, and mechanics performing work under this contract and shall comply with the requirements of the Illinois Wages of Employees on Public Works Act (820 ILCS 130/1-12).
- M. Bidders shall comply with Business Enterprise Program: Participation and Utilization Plan developed by Harper College. There is a 30 percent aspirational goal on the contract.
- N. The bidding documents shall be on file at the office of BHFX Digital Imaging: 80 West Seegers Road; Arlington Heights, IL 60005. Interested bidding contractors may obtain a set of the construction documents (two copies of Project Manual and Project Drawings) on or after Tuesday, April 4, 2023, upon receipt of a non-refundable deposit in the amount of \$50 from the printer via pick-up or UPS ground at bidding contractor's cost - BHFX Digital Imaging, 80 West Seegers Road, Arlington Heights, IL 60005, PH (847) 593-3161 (Other northern Illinois locations of BHFX can be found at www.BHFX.net). Additional digital copies of the construction documents shall also be available on compact disk from the printer at no additional cost upon deposit and pickup of a hard copy set of the construction documents.
- O. The successful bidder will enter into a Contract with the Owner in the form of an Agreement as provided in the Project Manual.
- P. Please submit any questions regarding the bidding documents by Wednesday, April 12, 2023, at 3:00 p.m. Central Time.
 - 1. Questions are to be directed via e-mail to:
Drew Kuzan
dkuzan@grummanbutkus.com
 - 2. The Harper College Purchasing Manager is to be copied on all submitted questions:
Jewell Jackson
purchasing@harpercollege.edu

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