



National Radio Astronomy Observatory

P.O. Box 0, 1003 Lopezville Road, Socorro, New Mexico 87801-0387
Telephone: (575) 835-7000 Fax: (575) 835-7097

June, 16, 2021

Subject: **RFQ-MAR-09-2021**
112Kva transformer

Attention:

Associated Universities, Inc.(AUI), is a not-for-profit educational and research corporation operating the National Radio Astronomy Observatory (NRAO) under Cooperative Agreement, NSF AST-0223841, with the National Science Foundation (NSF), an agency of the U. S. Government. AUI, under this agreement, operates, constructs and maintains astronomy research facilities at various locations in the United States and Chile as well as on the island of St. Croix.

The Very Large Array (VLA), one of the world's premier astronomical radio observatories, consists of 27 radio antennas in a Y-shaped configuration on the Plains of San Agustin 50 miles west of Socorro, New Mexico. More information about the NRAO is available at <http://www.nrao.edu>.

AUI/NRAO hereby requests a quotation from your firm for 1ea – 112kVA Transformer according to Attachment 1. Attachment 1 provides explanatory details necessary to complete your quote. **Your quote MUST include all delivery costs** to the N.R.A.O., VLA Site, 50 Miles West of Socorro, Off U.S. Hwy 60, Socorro, NM 87801.

Please reference RFQ-MAR-09-2021 – 112kVA Transformer in the subject line of your quote and email it to me at mromero@nrao.edu no later than **5:00 pm MDT on June 30, 2021**.

AUI/NRAO is a member of CES, and is also authorized to purchase from GSA Supply Sources. If you can quote from the GSA Schedule, please respond with the GSA contract number.

The successful bidder will be required to execute a contract and agree to deliver the trucks, and comply with the General Terms and Conditions of the AUI/NRAO purchase order, which is included as Attachment 2 to this RFQ.

Attachment 3, Contractor Representations and Certifications and Attachment of Small Business Representation is to be completed and returned with your quote. A complete and responsive quote submission shall include, but not be limited to, a completed and signed original of Attachment 3 to this RFQ.

It is requested that you forward all questions and comments pertaining to this request, in writing, to the undersigned at the above address, email to mromero@nrao.edu. All questions must be submitted to AUI/NRAO by **June 21, 2021**. All questions and answers will be sent to each bidder as promptly as possible, and no later than **June 23, 2021**. Any direct communications with AUI/NRAO personnel, after receipt of this RFQ, without prior approval of the undersigned or an AUI/NRAO purchasing representative may void your bid.

AUI/NRAO reserves the right to make an award based on the Proposer's initially proposed price without discussion of such Proposal. AUI/NRAO is not obligated to award all or any part of the work solicited, and in any event will not be responsible for the cost of quote preparation or any other cost incurred in connection with this RFQ. Further, AUI/NRAO reserves the right to accept other than the lowest price quotation.

AUI/NRAO will evaluate all bids associated with this RFQ based on the following elements in order of importance: 1) Price, 2) Delivery 3) Quality Assurance, and 4) Customer Support.

AUI/NRAO intends to negotiate a firm, fixed price contract with the successful Proposer, and intends to award the Contract to the qualified Proposer whose Quote is most advantageous to AUI/NRAO, all factors considered.

Sincerely,

Magdalene Romero
Senior Buyer
NRAO-NM

Attachments (3)

ATTACH 1 – Specifications

ATTACH 2 – AUI/NRAO General Terms and Conditions

ATTACH 3 – Representations and Certifications

ATTACHMENT I – Specifications and Description

112kVA Transformer

I EA:

Standard: ANSI Standard
UL Listing: UL Labeled
KVA: 112
Altitude: Rated for 7000 foot elevation
Primary Voltage: 12470Grd Y/7200 95 kV BIL Live/Dead: Dead Front
Feed: Loop Feed
Taps: Taps Split – 2 2 ½ % Above and Below
Primary Bushing: 200Amp Bushing Wells with Standard Inserts and Replaceable Studs
Arrester Bushings: 3 additional primary bushings for connection of dead break elbow surge arresters.
Secondary Voltage: 208 Y / 120 30 kV BIL
Secondary Bushing: Howard Industries Standard
Fluid Type: Mineral Oil
Winding Conductor: HI Standard
Cooling: ONAN (OA) – Self Cooling
Temp Rise: 65 Degree C
Frequency: 60 HZ
Nominal Impedance: ANSI Standard
Sound Level: NEMA Standard
Gauges: Thermometer
Gauges: Liquid Level
Gauges: Pressure Vacuum
Valves: Standard PRY
Valves: 1” Drain Valve with Sampler (External with locking provision for live sampling)
Switches: 1 – 2 Position
Switches: 300 Amp
Fusing: Bay-O-Net Expulsion Fuse Current/Fault Sensing in Series with CLF
Spare Fuses: 1 set, 8 Amp
Primary Arresters: Elbow
Primary Arresters: Quantity 3
Primary Arresters: 10 kV
K Rating: Howard Industries Standard
Tank Material: Mild Steel
Breaker mounting provision for JD3250F

UNIT COST:

TOTAL COST:

\$ _____

\$ _____

***PLEASE QUOTE FOB DESTINATION TO:**

**NRAO
50 Miles West of Socorro
Off U.S. Hwy 60
Socorro NM 87801**

Please also include warranty information, payment terms and availability.

FOB POINT: __Destination_____

PAYMENT TERMS: _____

COMPANY: _____

DELIVERY DATE: _____

SIGNED: _____

TITLE: _____