

ADDENDUM THREE, QUESTIONS and ANSWERS and REVISED SCHEDULE OF EVENTS

Date: March 27, 2020

To: All Bidders

From: Julie Dabydeen, Buyer
AS Materiel State Purchasing Bureau

RE: Addendum for Invitation to Bid Number 6251 OF to be opened ~~April 6, 2020 at 2:00 P.M. Central Time~~ **to be determined.**

Schedule of Events

ACTIVITY		DATE/TIME
4.	State responds to additional written questions through a solicitation "Addendum" and/or "Amendment" to be posted to the Internet at: http://das.nebraska.gov/materiel/purchasing.html	March 27, 2020
5.	Proposal Opening Location: State Purchasing Bureau 1526 K Street, Suite 130 Lincoln, NE 68508	March 27, 2020 2:00 PM Central Time April 6, 2020 2:00 PM Central Time TBD Instructions for electronic submitting of bids to be posted early next week.
6.	Review for conformance with proposal requirements	March 27, 2020 TBD
7.	Evaluation period	TBD
8.	Post "Notification of Intent to Award" to Internet at: http://das.nebraska.gov/materiel/purchasing.html	TBD
9.	Purchase Order finalization period	TBD
10.	Purchase Order award	TBD
11.	Purchase Order Issuance	TBD

Questions and Answers

Following are the questions submitted and answers provided for the above mentioned Invitation to Bid. The questions and answers are to be considered as part of the Invitation to Bid. It is the Bidder's responsibility to check the State Purchasing Bureau website for all addenda or amendments.

<u>Question Number</u>	<u>ITB Section Reference</u>	<u>ITB Page Number</u>	<u>Question</u>	<u>State Response</u>
1.			What is the deadline for operation of the High Power transmitter?	Ideally June 30, 2020
2.			Does the air cooled transmitter require dual exciters? a. Will NETV be supplying a rack for the AIR COOLED transmitter? b. Will NETV be supplying single phase power to the Air cooled transmitter? c. Will NETC allow flexible heliax connections between Air cooled transmitter, Mask filter, and Coax Switch?	One exciter required for air cooled transmitter. a. Vendor must supply rack for air cooled transmitter. b. NET's electrician will supply single phase power to the air cooled transmitter. c. Flex is ok from transmitter to mask filter, hardline to be used from mask filter to switch.
3.			Please confirm NETV Electrician supply qty 2, 3" wall penetrations for the transmitter cooling hoses along with EC power and control conduit to externally	Yes, NET's electrician will supply wall penetrations. Bidding vendor must supply ports/hardware.

			located heat exchanger?	
4.			Can you please send pictures of interior of transmitter facility as well as proposed outside heat exchanger location.	<p>Please see pictures included with response.</p> <p>Link to View Photos: http://das.nebraska.gov/materiel/purchasing/6251/6251.html</p>
5.			Per KLNE Final Layout showing RED LINE interconnections; Please confirm these interconnections are schematic in nature with KLNE requiring RF components needed for Best Practices 90 degree horizontal and vertical routes. We ask this to properly determine correct qty of elbows, transmission line, and flange components.	Correct. Red lines on drawing are schematic in nature. Drawing does not show elbows or specific RF components.
6.			Per KLNE supplied FINAL LAYOUT DRAWING showing cooling pathway; please confirm a. Cooling system tray and mechanical support interior and exterior will be required by contractor to facilitate a	a. Cooling system tray and mechanical supports are not shown in drawing but are required to be provided by contractor.

			<p>neat, orderly, and proper installation.</p> <p>b. Cooling penetrations location is roughly in location shown on drawing.</p> <p>c. Wall penetration plate with waterproofing rubber grommets and hose clamps are to be supplied by contractor.</p> <p>d. An interior and exterior picture of proposed wall penetration location.</p>	<p>b. Correct. Location of cooling penetrations on drawing are roughly equivalent to actual location on wall.</p> <p>c. Correct. Wall penetration plate, rubber grommets, and associated hardware are to be supplied by contractor.</p> <p>d. Please see pictures included with response.</p> <p>Link to View Photos: http://das.nebraska.gov/materiel/purchasing/6251/6251.html</p>
7.			<p>For the required coax switch, should we include both a switch controller and interconnect cables?</p>	<p>Yes. Please provide both a switch controller and interconnect cables.</p>
8.			<p>For the required coax switch, can this be part of the mask filter assembly or is it required to be standalone switch?</p>	<p>Switch is to be standalone. Filters can be located close to switch if needed.</p>
9.			<p>The Coax switch is assumed to be 4 1/16" coax switch with RF interconnect; based on this assumption;</p> <p>a. What is the output antenna coax type if other than 4</p>	<p>Yes, line is ERI 4 1/16", antenna.</p> <p>a. see above</p>

			<p>1/16"</p> <p>b. If external Coax to antenna is 4 1/16", please specify if EIA or Dielectric inner standard</p> <p>c. What transitions are required if other than 4 1/16"</p> <p>d. Will the interconnection demark for the output be considered the interior gas block?</p> <p>e. Can NETV please supply a picture showing the desired interconnection demark location?</p>	<p>b. EIA standard.</p> <p>c. see above</p> <p>d. yes.</p> <p>e. Please see pictures included with response.</p> <p>Link to View Photos: http://das.nebraska.gov/materiel/purchasing/6251/6251.html</p>
10.			<p>Does the ITB have any liquidated damages resulting from manufacturer delivery dates beyond contractors control?</p>	<p>See ITB Section I. J. and K</p>
11.			<p>It is noted NETV requires backup transmitter to be provided in advance of the primary transmitter to allow Low Power operation during demolition as noted; will this transmitter require proof of performance to commence</p>	<p>No NET will take care of Proof of Performance for low power transmitter.</p>

			operation on the required 6-30-2020?	
12.			If transmitters are to be supplied separately, can NETV provide a desired schedule for each installation assuming the Low power will precede the high power installation?	NET Engineering will install and test low power transmitter.
13.			Does a location currently exist for heat exchanger installation with ICE PROTECTED? If no will contractor be required to supply concrete pad, ICE BRIDGE, Or Ice Protection to protect heat exchangers from the potential of falling ice from the tower?	Yes. Heat exchanger will be installed in ice protected location.
14.			Is there existing concrete pad available with clear space for installation of transmitter heat exchangers as shown on KLNE FINAL LAYOUT ?	Yes. See drawings for location of concrete pad and proposed location of heat exchanger.
15.			Will NETV be providing an external remote control I.E. BURK and will	Yes. External remote control is NET provided. NET staff will interface remote control to transmitter.

			interfacing, wiring, and programming be by contractor or NETV?	
16.			Can NETV Provide make and model of provided test load along with description of coax required to connect from coax switch to test load? a. Does the specified system load require use of external or internal heat exchanger?	Please see ITB section VI., C., 2.
17.			Does NETV require demolition and removal of equipment and/or systems being replaced including approved EPA disposal of Glycol and/or Oil Filled HV voltage transformers if currently in service?	Please see ITB Section V., C., D., paragraph 2 and 3.
18.			Can you please confirm Contractor will be responsible for provide and install the indoor and outdoor Cable Tray, and supports required for routing, support, management, and protection of heat exchanger	Correct. Vendor responsible for providing and installing indoor and outdoor cable trays and support equipment. Please see pictures included with response. Link to View Photos: http://das.nebraska.gov/materiel/purchasing/6251/6251.html

			cooling hoses? Pictures of interior of proposed cooling route would be greatly appreciated.	
19.			Will NETV personnel be available to offload and store system equipment on site within a secure and protected area or will contractor be required to receive, offload, and store all materials as they are shipped and arrive?	System will be stored off site at a third party secure warehouse facility until needed at site.
20.			Will NETV provide receiving, offloading, and storage of transmitter equipment or should contractor include forklift delivery, rental, and pick up within its bid? a. We note from prior experience, interior storage space was limited at another NETV site; requiring offsite storage. This additionally facilitated aggregation for single delivery vs multiple deliveries from	All equipment will be delivered from third party secure facility to transmitter building installation location by third party.

			1st and 3rd parties. Should contractor plan on site consolidation? b. Will contractor be responsible for multiple delivery offloads if site consolidation is not utilized?	
21.			Can NETV provide a brief sequence for the transition from current transmitter and the proposed replacement? It would be helpful to understand any critical dates, concurrent operation requirements of existing transmitter and any other related tower and antenna work.	<ol style="list-style-type: none"> 1. Vendor deliver low power transmitter. 2. NET cuts over to low power transmitter. Week 1. 3. NET removes old transmitter and associated equipment. Week 2. 4. NET delivers all receivable from off site. Week 3. 5. Vendor on site to complete install and Proof Of Performance. Week 4.
22.			Will a Test load be available with interconnecting coax components, so low power air cooled transmitter can be commissioned into known good test load for commissioning prior to the installation of the High power system load and	Yes. While NET will be installing, commissioning, proofing, and activating the low power transmitter, a test load and interconnecting components can be available for vendor commissioning of low power air cooled transmitter.

		<p>day.</p> <p>D. there is adequate space within the facilities to support the installation of all supplied equipment without the removal of any existing equipment.</p> <p>E. adequate and proper space existing external to the building to support cooling system.</p> <p>F. appropriate electrical and HVAC work to support new equipment has been completed prior to installation work start.</p> <p>G. customer hired electrician shall be on site day of or day after INSTALLER arrival to site to discuss equipment layout and final AC connection to each.</p> <p>H. electrical work can be completed without delaying installation and commissioning of equipment.</p> <p>I. delays that a considered customer delays</p>	<p>D. Yes all equipment to be removed ahead of installer (see interim layout drawing)</p> <p>E. Yes</p> <p>F. No some electrical work need to be concurrent with install-transformer will be installed ahead</p> <p>G. Electrician will be there as needed</p> <p>H. Yes</p> <p>I. Yes</p>
--	--	---	--

		<p>can be charged to the customer at INSTALLER daily rates plus expenses.</p> <p>J. customer qualified staff shall be available to support INSTALLER Service Representatives with appropriate site access and other needs as they arise.</p> <p>K. customer's antenna connection is within 10 linear ft of location of RF mask filter unless otherwise specified.</p> <p>L. customer to supply appropriate acetylene and oxygen tanks for all soft solder and welding requirements.</p> <p>M. Station will have a pallet Jack suitable for moving around and setting cabinets and Heat exchangers</p> <p>N. Station will have Ladders on site suitable for operating at facility interior ceiling elevations.</p> <p>O. Standard HOTEL Rates.</p>	<p>J. Yes</p> <p>K. No within 10' of the switch</p> <p>L. Yes</p> <p>M. Yes</p> <p>N. Yes</p> <p>O. NET agreeable/per SPB Legal Review</p>
--	--	---	--

		<p>Seasonal or Rates beyond Hotel allocation will be billed at COST plus 15% P. NO DESIGN Changes, Additional Materials, Primary, or 3rd Party material repairs. Q. all work can be completed within single mobilization and within initial time allocations. Additional mobilization, additional crew days, all related travel and lodging expenses will be charged at INSTALLER daily rate plus expenses. R. Scope is based on Drawings provided at time of quotation. Revisions and changes subject to additional charge should any modifications, improvements, additions are made to drawings after price proposal has been submitted. S. RT travel from INSTALLER to Customer</p>	<p>P. Vendor needs to supply proper amount of coax, elbows to complete job.</p> <p>Q. Yes, baring any equipment failures with long lead time</p> <p>R. Vendor to supply drawings with quotation</p> <p>S. NET agreeable/per SPB Legal Review</p>
--	--	---	--

		<p>location. INSTALLER may elect to fly and ship tools at its sole discretion. T. Offloading equipment LULL extendable boom or equal, 15yd onsite dumpster per cabinet to be provided for debris disposal prior to installation start date. U. Does not include any disposal of any equipment that may have been removed during installation process. Customer shall be responsible for proper storage or disposal. V. Does not include Installation or Commissioning Services of any INSTALLER supplied equipment as related to towers, antennas or transmission line from tower to building. W. Does not include any work beyond commissioning and operational</p>	<p>T. NET to supply dumpster(s)</p> <p>U. Yes</p> <p>V. Yes</p> <p>W. Vendor needs to ensure system is both operational and tested. Vendor must provide system documentation when project is complete. See ITB Section VI, E for details.</p>
--	--	---	---

