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अंतरिक्ष विभाग/DEPARTMENT OF SPACE
उत्तर-पूर्वी अंतरिक्ष उपयोग केंद्र/NORTH EASTERN SPACE APPLICATIONS CENTRE
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CORRIGENDUM-III

Please refer to our NIT No. NESAC/750/2016, dated 16.09.2016 (Revival & Sustenance of North Eastern States Tele-education Network) where the Pre-bid meeting was held with the vendors on 05th October 2016, Wednesday at 3 PM at Development and Educational Communication Unit (DECU), Government of India, Department of Space, Ambawadi Vista PO, Jodhpur Tekra, Ahmedabad – 380 015.

The summary of discussion of the pre-bid meeting is given in Annexure 1

Interested vendors may kindly note of all the points as per Annexure 1 before submitting the tender documents.

All other information as stated in Appendix-A other than those clarified in Annexure 1 remain unaltered.

Sd/-

Dated:13.10.2016

निदेशक, एनईसैक / Director NESAC

Annexure 1

Sl. No	Points raised by vendors	Clarification
1.	Time frame for payment of balance 20% for the items delivered but installation pending due to reasons attributable to User agency or NESAC side.	After the delivery of material for the SITs at the Hub, Vendor will be entitled for 80% against delivery (Para 4.8 under payment terms and conditions). However, If SIT could not be installed in 3 months (after initial delivery at HUB) due to unforeseen reasons, vendor may claim the balance of 20% (with justification) after depositing the SIT material in safe custody. Refer Para 2.4 (SIT Commissioning).
2.	Video output in PCs (Annexure 7, Item 4 & 5 - Teaching End and SITs)	Commonly available Display Units (TV) have HDMI Interface for video. Accordingly a graphics card with dual HDMI output, to connect the 2 displays (PC Monitor and TV) should also be included with the offer.
3.	Interface for audio and video between PC and the display	<ul style="list-style-type: none"> • HDMI Video cables from PC graphics card to TV (Minimum 10 meters) and to PC monitor (minimum 3 meter). • HDMI from PC's graphics card does not carry audio signal. Thus for Audio, stereo audio cables from PC sound card to the TV (Minimum 10 meters) should be included with appropriate connectors/interfaces.
4.	Interconnectivity	Vendor should provide all necessary interconnecting cables, adaptors/convertors to ensure audio video connectivity between the PC and displays
5.	Up front visit to all 07 hubs is to be carried out. NESAC to process purchase order for repair/replacement of parts based on site visit report as early as possible.	Clarified as in RFP Para 2.1 (HUB Commissioning).
6.	Status of Nagaland hub is not known. Do we need to quote for migration charges	Nagaland Hub is migrated. Migration activity if any, shall be part of the I&C (Hub and SITs). RFP Para 2.6 (Number of SITs to be commissioned and timeline).
7.	02 months' time for making 04 hubs operational seems to be difficult task keeping in mind various activities and approvals involved in process, including road permits and way bills.	The delays, if any, due to issue of road permits & way bills etc will be considered on case to case basis, for the time schedule. All necessary actions shall be taken to minimize delays on that part by NESAC/State user departments.
8.	It is understood that NESAC will provide spares for hub maintenance. The following essential spares for hub are required after hubs are fully made operational for subsequent AMC. 1) Sun Solaris Server with NMS (software) 2) GCU3) TDU4) 1 :16 L-Band Splitter5) DVB Modulator6) IP Encapsulator7) Cisco Router8) GPS Receiver 9) PLL LNBC for hub 10) KU band BUC. (minimum 2/3 sets). Hub spares are to be kept at centralized location for quick replacement at site.	As mentioned in RFP, the VRC hub shall be tested and shifted by the vendor to NESAC for maintaining the spare inventory.

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9	<p>It is understood that a video chain is to be integrated with existing VSAT traffic. One MPEG encoder is required to be added at all 07 hubs+ 01 spare unit. Viasat to confirm seamless integration of video signal in IP Encapsulator/modulator. Technical specification for encoder are not provided.</p> <p>Do we need to quote for ROT?</p>	<p>This will be a fall back option. Vendor may suggest suitable and compatible encoder/necessary items to integrate in the existing Hubs.</p> <p>Vendor may also quote for Encoder/necessary items & ROT under Optional Items category.</p>
10.	<p>What is current status of VRC hub? Are all sub units working? Is it required to test hub and sub system to be tested before they are moved to NESAC? Infinium will need technical evaluation support from Viasat for deciding the compatibility and usability of entire system.</p>	<p>Covered under serial number 8 above.</p>
11	<p>NMS PC is from Dell. Existing Model is very old and Dell had discontinued this model. It will be under Viasat AMC. 01/02 spare PC with NMS dually loaded is to be kept as spare at NESAC. Viasat to agree for providing NMS in new PCs.</p>	<p>Noted, also clarified in Serial No. 8 above.</p>
12	<p>It is observed during first phase of CAMC by Infinium that in all Viasat Hubs, GCU & Sun Server failure rate is very high. Sufficient number of these units dully configured are to be kept at NESAC/hub to avoid down time.</p>	<p>Noted, also clarified in Serial No. 8 above.</p>
13	<p>LMS Robo group: This is a major concern since Robo group support is not available. It is understood that SAC will provide alternate LMS. Dully configured server is to be sent to all hubs and tested for functionality. It is understood that this LMS is to be absorbed in network with Robo group server as alternate option. Remote VSAT to be re configured remotely for new LMS.</p>	<p>Noted. New LMS shall be provided to vendor for installation, however old PC with trainnet to be preserved on site as fallback option.</p>
14	<p>Microsoft had officially announced for No support for Microsoft XP Professional OS from April 01, 2014. Each Edusat Hub has Four PCs with this OS. To be replaced.</p>	<p>Noted, bid may be submitted accordingly</p>
15	<p>Tender calls for a Hub Down Time of 15 days. This is possible to achieve provided required spare unit is available at NESAC. Otherwise in routine process of sending faulty unit to Viasat/OEM service center and collecting repaired unit back may take</p>	<p>Noted and clarified as in serial no. 7. Delays due to natural calamities will be considered under force majeure. However, the decision in such matters shall be of purchaser and will be final and binding.</p>

Sl. No	Points raised by vendors	Clarification
	more time, considering Road Permit requirement and several other unavoidable parameters like Man Power Entry Permit, Land Slides, Heavy Rain etc.	
16	Please refer para 2.3 remarks column, it is mentioned that after the Hub is made operational, spares transportation to be borne by vendor. Is this specified correctly as in all other cases transportation is to be reimbursed at actual.	After the hub installation and commissioning, cost for subsequent transportation of components/items, shall be vendors responsibility. Para 2.3 (Hub Maintenance)
17	Please refer 2.4, it is essential to conduct upfront site visits for SITs to ensure all aspects. Therefore, site visit charges must be separately allowed. The tender has clubbed under Table 1 item 5. i.e. installation and commissioning charges and the site visit charges.	Additional site visit charges may be quoted under category "other optional items" (Annexure 2, Table 3)
18	Under Table 2, item 3 and 4 entirely are to be supplied in 1 + 1 mode, please confirm.	7 Nos for 7 hubs and 1 unit as spare among all 7 hubs. (As per RFP, Table 2, item 3 and 4)
19	Why the tender calls for only qty-6 of 10KVA UPS and not 7?	The Hub in Assam has been installed with new UPS recently.
20	Requirement of man power is not clearly defined in tender. Do we need to offer rates for man power for operation of hub and TE?	As per RFP item 2.2 Quote to be provided as in price bid (Annexure 2, Table 1).
21	Para 2.6: 04 moths time for completing work at 04 states within 04 months is possible only if hubs are fully functional and material for repair replacement and new peripherals are delivered at sites.	Noted
22	All sites are at school level. The vacation & local holidays are main issues. No site coordinator is available during this period. NESAC need to take care of this issue. At extreme remote site(s), there is no hotel available. Team needs to stay at school or at residence of site coordinator or as paying guest. Need support from NESAC.	Noted. NESAC may assist, to the extent possible. However, the prime responsibility will be of the contractor
23	Availability of electricity is issue. At some site, electricity is available only for few hours. Team may not complete site in expected time. Arrangement of Genset is required for few sites. Site coordinator to arrange same.	Suitable coordination with NESAC/nodal agencies coordinator should be done. Arrangement of genset may not be possible.
24	Few sites will need site shifting. PO should have site shifting rate.	Part of dismantling and reinstallation of sites as per RFP (Annexure 2, Table 3)

Sl. No	Points raised by vendors	Clarification
25	Few sites (here VSAT) are expected in dismantled condition. Re-installation is required. It should be considered as a case of site shifting.	Part of dismantling and reinstallation of sites as per RFP (Annexure 2, Table 3)
26	If NESAC does not go for upfront visit, the approved list from user agency with current status of each site must be part of Tender/PO. Let user agency collect photo of each site & forward to NESAC/DECU/Service Provider.	Upfront visits may be conducted in consultation with NESAC. Ref para 2.4 of RFP.
27	Projector-Audio Amplifier-Speakers are being replaced with 42" TV. We have to connect & use Amplifier-speakers with TV (using loop) if they are found in working condition.	Noted.
28	High end USB camera will replace Osprey Card + Handycam. USB based PTZ camera is more preferable.	Noted.
29	Infinium or user agency will need to stock few sets of all peripherals at each Hub as repair facility will be available at Guwahati only. This is required to keep downtime at reasonable level.	Noted. Spares inventory shall be maintained at NESAC.
30	Technical specifications of web cam: Do we need dual stereo inputs? Wired mic is provided for audio inputs.	Webcam to be quoted as per RFP.
31	Tender calls for PC with WS-1 0, while TrainNet requires WS-7. We need to change OS in field if we need to revert to TrainNet	Vendor in coordination with user agency should preserve the existing PC, if needed to revert to TrainNet.
32	We have to drop earthing as it is not required, time consuming, costly affair (nonavailability of labour at site) & hard to achieve specifications mentioned in tender	To be quoted under Optional Items category
33	NESAC wants to cover 180 sites under CAMC, but as per our record, only #80 sites are functional. Hence we cannot take #180 sites under CAMC from date of PO without their confirmation tests.	Please refer para 3.12 of RFP
34	VOIP installation: VOIP is a new requirement for the Edusat network. Kindly confirm if VOIP gateways and VOIP phones will be installed at all the hubs and SITs?	Clarified as per the RFP, para 2.1 and 2.4
35	Start of CAMC of networks: Kindly confirm if CAMC of different hubs will start on different dates	Clarified in discussion, AMC of different hubs can start at different dates.

Sl. No	Points raised by vendors	Clarification
36	CAMC of networks: Please confirm how many networks out of 7 are currently operational	Assam network is functional, upfront visit for other networks
37	Visit to all SITs: Do we need to visit the hubs and remotes before the start of AMC	In order to install the new peripherals, all SITs have to be visited, in due coordination with NESAC and hub coordinator.
38	List of critical spares excluding GCUs: Majority of NE hubs are working with single GCU. So, GCU hardware is also critical. Have spare GCUS been planned for these NE hubs?	Spares will be made available at NESAC. Clarified in serial no .8
39	Vendor to change RCST from their own spares: Getting new RCSTs will be difficult as OEM is not manufacturing any more. So, getting spare RCST will be a problem. Can we get spare RCST from SAC/NESAC?	Spare RCST will be made available at NESAC. Clarified in serial no .8
40	Manipur hub is not included in this CAMC tender but re-location of Manipur SITs will be in the scope. Kindly confirm.	It may be informed during the period of contract about the implementation of Manipur TE network. (The number of SITs to be installed, the site details and the hub in which SITs to be configured shall be informed)
41	EMD exemption for CPSU	All the CPSUs are exempted from EMD.
42	Extension of due date for submission	Extended. Last date & Time for submission of tender documents : 27.10.2016 upto 1400Hrs at NESAC. Date, Time and Venue of Bid opening : 27.10.2016 at 1500Hrs in NESAC, Umiam
43	Query with respect to warranty & 20% payment. <ul style="list-style-type: none"> Warranty should start on delivery 20% implement payment to be paid in case of delay is not because of the vendor. 	<ul style="list-style-type: none"> Warranty will start from date of Installation and commissioning. However if items are delivered and they couldnot be installed, due to reasons not attributable to contractor, the warranty will start after 3 months of item delivery at Hub. Balance 20% payment is clarified in Serial no. 1
