



भा. कृ. अनु. परि. - भारतीय कृषि अनुसंधान संस्थान, नयी दिल्ली -११००१२  
पादप रोगविज्ञान संभाग  
**ICAR- Indian Agricultural Research Institute, New Delhi – 110 012**  
**Division Of Plant Pathology**

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F.No.41-52/18-19/ANASTU/PP/

Dated: 13/12/2018

### निविदा-सूचना

निदेशक भा.कृ.अ.प.-भारतीय कृषि अनुसंधान संस्थान नई दिल्ली द्वारा निम्नलिखित वैज्ञानिक उपकरण/वस्तु की आपूर्ति एवं कार्य हेतु प्रतिष्ठित निर्माताओं/अधिकृत डीलरों/आपूर्तिकर्ताओं से दो बोली प्रणाली (तकनीकी एवं वित्त बोली) के अन्तर्गत सील बंद ऑनलाईन क्यूटेशन आमंत्रित की जाती है। क्यूटेशन/निविदा प्रस्तुत करने की अंतिम तिथि **14-01-2019** समय 1.00 बजे दोपहर तक। क्यूटेशन/निविदा को दिनांक **15-01-2019** को समय 15.00 बजे निर्धारित समिति के समक्ष खोली जाएगी। **Online Tender** are invited from reputed Manufacture/Dealer/Supplier in two bid system (Technical bid & Financial bid) for purchase of following Scientific Equipment/Items on behalf of Director ICAR-Indian Agricultural Research Institute, New Delhi. The last date for submission of Bid **14-01-2019** at 1.00 PM. The bid will be opened on dated **15-01-2019** at 15.00 hrs by the prescribed committee.

**The Pre-bid on dated 26/12/2018 at 11:00AM in Seminar Room, Division of Plant Pathology, IARI.**

विस्तृत नियम व शर्तों को भा.कृ.अ.सं. की वेबसाइट [www.iari.res.in](http://www.iari.res.in) पर देखें एवं ऑनलाईन के लिए [www.eprocure.gov.in](http://www.eprocure.gov.in) देखा जा सकता है। Please visit [www.iari.res.in](http://www.iari.res.in) for Details Rules and Regulation and Log on [www.eprocure.gov.in](http://www.eprocure.gov.in) for online.

क्रम संख्या Sl. No.	वैज्ञानिक उपकरण/ वस्तु का नाम Name of Scientific Equipment/ Item	मात्रा Quantity
1.	Developing Of Tele-Education Facility along with solar power plant of 10 KW on turnkey basis	One

**बोली लगाने के निर्देश और नियम एवं निविदा की शर्तें Instructions to the bidder and terms & conditions of tender:**

आपके द्वारा दी गयी मूल्य दर क्यूटेशन प्राप्त हेतु निर्धारित अन्तिम दिन से कम से कम 180 दिनों तक मान्य होगी। यदि आपूर्तिकर्ता द्वारा 180 दिनों की न्यूनतम अवधि की वैधता के संबंध में कोई अन्तर हो तो उसका विशेष रूप से उल्लेख होना चाहिए। The rates quoted shall be valid for a minimum period of 180 days from the last date fixed for submission of bid.

1. क्यूटेशन में दर्शायी गई दरों में भा.कृ.अ.सं. नई दिल्ली के पादप रोग विज्ञान संभाग, भा.कृ.अनु.संस्थान, नई दिल्ली-110012 एवम अनास्तु, अफ़ग़ानिस्तान में सामान/सामग्री की निःशुल्क आपूर्ति अथवा स्थापन शामिल होगा जैसा की

निविदा में दर्शित है । हालांकि विदेशी मुद्रा में दर्शाए गए उपकरण को एफ.ओ.बी./सी.आई.पी. आधार पर दर्शाया जाए ।  
The rates quoted shall be free of cost delivery and installation at the Division of **Plant Pathology**, IARI, New Delhi –110 012 and ANASTU, Afghanistan as per requirement in Tender. However, equipment quoted in foreign currency must be quoted on FOB/ CIP basis

2. यदि सामान विदेश-निर्मित है और दर विदेशी मुद्रा में दिया गया है तो ऐसी परिस्थिति में कस्टम ड्यूटी छूट प्रमाणपत्र (सी.डी.ई.सी.) जारी किया जाएगा जो कि केवल भा.कृ.अ.सं. के लिए ही मान्य होगा । Custom Duty Exemption Certificate (CDEC) will be issued only when the bid is quoted in foreign currency in case of foreign made items only and meant for IARI.
3. क्यूटेशन में संबंधित सामान का पूरा विवरण दिया जाएगा । Full specifications of the item/article quoted for shall be given in the quotation.
4. उपरोक्त दिए गए दर में यदि किसी भी प्रकार का अतिरिक्त कर/टैक्स/ड्यूटी लगाया जाना है तो उसका संकेत स्पष्ट रूप से दिया जाना चाहिए If taxes, duties or any other charges over and above the rates quoted leviable, actual percentage of such taxes/duties/other charges should be clearly indicated.
5. बोली के साथ बतौर **बयाना राशि रु. 3,50,000/-** का **डिमांड मॉग ड्राफ्ट/ भुगतान आदेश/मियादी जमा रसीद/ बैंक गारंटी को निदेशक, भा. कृ. अनु. संस्थान, नई दिल्ली-110012** के नाम किसी भी राष्ट्रीयकृत बैंक में देय हो, अवश्य संलग्न होना चाहिए । जिसके बिना, क्यूटेशन पर विचार नहीं किया जायेगा । बयाना राशि की मूल प्रति सीधे तौर पर संबंधित निविदा आमंत्रित अधिकारी को आखिरी तारीख तक या ऑफलाइन दर जमा करने से पहले पहुंच जानी चाहिए । **डिमांड मॉग ड्राफ्ट/ भुगतान आदेश/मियादी जमा रसीद/बैंक गारंटी** से संबंधित सभी जानकारी व्यक्तिगत रूप से भेजी जानी चाहिए, इस संबंध में प्राप्त स्कैन कॉपी/या जो डाटा आपूर्तिकता द्वारा दर जमा करने के दौरान दिया गया है उससे मिलान किया जाएगा अन्यथा इस क्यूटेशन को रद्द माना जाएगा । **EMD of Rs. 3,50,000/- Rupees Three Lakh Fifty thousand only** should be in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI payable at New Delhi. The original EMD should be submitted to the Tender Inviting Authority on or before the last date and time of offline bid submission. The details of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee physically sent, should tally with the details available in the scan copy and the data enter during the bid submission time otherwise the uploaded bid will be rejected.
6. इस संस्थान द्वारा निविदाकर्ता को किसी भी सुरक्षा जमा राशि और बयाना राशि पर ब्याज नहीं दिया जाएगा । No interest on security deposit and earnest money deposit shall be paid by the Institute to tenderer.
7. क्यूटेशन प्रक्रिया पूरी होने के पश्चात असफल बोलीदाताओं को उनकी जमा की गयी बयाने की राशि वापस कर दी, जायेगी जबकि सफलतम बोलीदाता के मामले में यह राशि नियम के अनुसार सुरक्षा जमा के रूप में समायोजित की जा सकती है, जो कि ऑर्डर के राशि की 5-10 प्रतिशत होगी और यह **डिमांड मॉग ड्राफ्ट/ भुगतान आदेश/मियादी जमा रसीद/ बैंक गारंटी निदेशक, भा. कृ. अनु. संस्थान, नई दिल्ली- 110012** के नाम किसी भी राष्ट्रीयकृत बैंक में देय हो, जिसकी वैधता सभी कार्य को पूरा करने के 60 दिनों, साथ के साथ उपकरण/सामान जिसकी कीमत (रु.1.00 लाख या इससे अधिक) की गारंटी भी शामिल होगी । हालांकि जो उपकरण रु.1.00 एक लाख से कम है उस परिस्थिति में किसी भी प्रकार का निष्पादन जमा राशि नहीं दी जाएगी । The EMD shall be refunded to the unsuccessful bidders after finalization of the quotation. In case of successful bidder, it can be adjusted towards security deposit which is 5-10% of the order value in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI payable at New Delhi and shall remain valid for 60 days beyond the date of completion of all contractual obligation of supplier including warranty obligation for the equipment/goods costing Rs.1.00 lakhs (Rs. One Lakh) or more. Here would however, be no performance security deposit for equipment/goods costing less than Rs. 1.00 lakh (Rs. One Lakh).
8. फर्म द्वारा एक वर्ष की वारंटी प्रदान की जाएगी । यदि सामान/उपकरण के विवरण में वारंटी की अवधि में किसी भी प्रकार परिवर्तन है, तो उस वारंटी को अंतिम माना जाएगा । One year warranty has to be invariable provided by the firm. In case, there is any variation in the warranty period given in the specification of the item/equipment, the warranty period shall be the final as given in the specification.
9. कार्य के पूरा होने के बाद फर्म/पूर्तिकता को तीन पूर्व रसीद बिल प्राप्त होने के बाद भुगतान e-payment के माध्यम से किया जाएगा । Payment will be made by mode of e-payment to the supplier/firm after satisfactory completion of work and receipt of pre-receipt bills triplicate.

10. निदेशक, भा. कृ. अनु. संस्थान, नई दिल्ली के पास बिना कारण बताये सभी क्यूटेशनओं को पूर्ण या आंशिक रूप से स्वीकार या अस्वीकार करने के अधिकार प्राप्त हैं। The Director IARI, New Delhi reserves the right to accept or reject any or all the quotations either in full or in parts without assigning any reason.
11. उपरोक्त शर्तों का पालन न करने वाली क्यूटेशनों को अस्वीकार करने के लिये उत्तरदायी होंगी। Quotations not complying with the above conditions are liable to be rejected.
12. TIN/VAT/PAN/C.S.T. Nos. के स्कैन कॉपी को क्यूटेशन के साथ में संलग्न किया जाए। Scanned copy of TIN/VAT/PAN/C.S.T. Nos may be attached with the bid.
13. किसी कारण अनुबंध में कोई विवाद उत्पन्न होने पर भारतीय कानून और न्यायालय, नई दिल्ली की अधिकारिता के अधीन होगा। सचिव, भारतीय कृषि अनुसंधान परिषद द्वारा एकमात्र मध्यस्थ नियुक्त किया गया है, जिसका निर्णय दोनों पार्टियों (Supplier और Purchaser) पर अंतिम माना जाएगा। In case, any dispute arising out of this contract shall be subject to the jurisdiction of Indian laws & Court at New Delhi. Sole arbitrator is appointed by the Secretary, ICAR, New Delhi. His decision will be final and binding on both parties (Supplier and Purchaser)
14. सफल बोलीदाता को सौंपे गए कार्य को निर्धारित आपूर्ति आदेश के भीतर कार्य करना होगा जैसा आपूर्ति आदेश में दर्शाया गया होगा यदि ऐसा नहीं किया जाता तो कम से कम 2% तथा अधिकतम 10% की क्षति नष्ट कटौती के रूप में उनके बिल से काटी जाएगी। The successful bidder has to execute the indented Job/Work as mentioned in the supply order placed with them within the stipulated period as given in the supply order placed by this office failing which 2% per week and maximum of 10% deduction as liquidated damage charges will be made from the bill in case the job is not completed within the given stipulated period.
15. फर्म को इस कार्य/क्षेत्र में 3 वर्ष के अनुभव का प्रमाण पत्र संलग्न करना चाहिए। Firms should have atleast 3 years experience in this line, proof should be enclosed.

**16. The following documents must be furnished with the technical bid failing which tender will not be accepted at all.**

1. GST/ISO Certificates
2. Pan Card
3. **Earnest Money Deposit (EMD) Rs. 3,50,000/- (Rupees Three Lakh Fifty Thousand Only)**
4. Literature/pamphlet/drawing etc. alongwith user list
5. Technical specification of equipment/item alongwith compliance statement in accordance with the tender technical specification.
6. The tender documents duly signed by the concerned firm accepting the same should be attached with technical bid.

17.

क्रम संख्या Sl. No.	विवरण/उपकरण मद की विशिष्टता Description / Specification of the Equipment/ Item	अनुमानित लागत Approximate Cost
1.	<b>Name of Equipment :</b> Developing Of Tele-Education Facility along with solar power plant of 10 KW on turnkey basis <b>Specification :</b> As per Annexure -A	<b>Rs.154.73 Lakh</b>

Sd/-  
(सहायक प्रशासनिक अधिकारी)  
Asstt. Admn. Officer

**Specifications for developing Tele-Education Facility at IARI and ANASTU on Turnkey Basis**

S.N.	Item	Unit Cost	No. Units Required for		Total cost
			ANASTU	IARI	
<b>A. Establishment of tele-education facility</b>					
1.	a. <b>LED Panel:</b> 75" Full HD with three-year warranty Brightness: 500 nits Contrast ratio: 6000:1 Resolution: UHD 3840x2160 – 4k Response Time: 8 Ms Processor: Coretex A72 1.7GHz Quadcore CPU Operating System: Tizen 4.0 (VD Linux)		1	1	
	b. <b>Wall Mount:</b> for the LED Panel		1	1	
	<b>Total Cost of LED Panel</b>				
2.	<b>Display:</b> 55" LED professional Monitor with wall mount kit, cables, connectors and all accessories Brightness: 500 nits Contrast ratio: 4000:1 Resolution: UHD 3840x2160 – 4k Response Time: 8 Ms Processor: Coretex A72 1.7GHz Quadcore CPU Operating System: Tizen 4.0 (VD Linux)		2	1	
3.	a. <b>Ceiling Speaker:</b> background/ foreground		3	1	
	b. <b>Amplifier:</b> two-channel, 350W @ 4Ω Power Amplifier		1	1	
	<b>Total Cost of the Audio System (1+2+3)</b>				
4.	a. <b>Video Conf. System:</b> Video Conference System consisting of Full HD 1080p camera with 10X Optical Zoom or more, PAN +/- 90° or more, TILT +/-20° or more, Omnidirectional Digital Microphone with support up to 4 microphones, 1 HDMI & 1 VGA input for Content, HDMI output 3 including for recording and dual high definition camera (DHDC) interface port, Wireless Remote Control & All necessary Cables, as required. The system should support H.323 and SIP with support for Video Compression Standards – H.261, H.263, H.264, H.264 SVC, H.264 High Profile/H.265 & audio Compression Standards – G.711, G.722, G.722.1 or equivalent. It should support content sharing via H.239 and BFCP. Should be capable of (1+7) inbuilt multiparty HD conferencing. All the above components should be from same OEM.			1	

	<p>Including Router, internet connectors, telephone for video call and UPS</p> <p>AMC for 2 years after the warranty period.</p>				
	<p><b>b. Camera Tray</b></p>			1	
	<p><b>c. Video Conf. System:</b> Video Conference System consisting of Full HD 1080p camera with 10X Optical Zoom or more, PAN +/- 90° or more, TILT +/-20° or more, Omnidirectional Digital Microphone with support up to 4 microphones, 1 HDMI &amp; 1 VGA input for Content, Wireless Remote Control &amp; All necessary Cables, as required. The system should support H.323 and SIP with support for Video Compression Standards – H.261, H.263, H.264, H.264 SVC, H.264 High Profile/H.265 &amp; audio Compression Standards – G.711, G.722, G.722.1 or equivalent. It should support content sharing via H.239 and BFCP. All the above components should be from same OEM.</p> <p>Including Router, internet connectors, telephone for video call and UPS</p> <p>AMC for 2 years after the warranty period.</p>		1		
	<p><b>d. Advanced Speaker Tracking Camera System :</b> The voice and face tracking camera should be from the same OEM as the Codec. Must have a range of minimum 25 feet &amp; above.</p>		1		
	<p><b>e. Digital Ceiling Microphone:</b> It should be able to easily capture voice with 360 degree coverage. Ceiling microphone should be from the same OEM as the Codec.</p>		2		
	<p><b>f. Digital Sound Processor:</b> It should be capable of Stereo Acoustic Echo Cancellation (AEC) and feedback elimination. It should seamlessly integrate with Video codec and Digital Ceiling Microphones.</p>		1		
	<p><b>g. Wireless Presentation Device:</b> It should support wireless content sharing from any laptop, tablet or phone with sharing up to four screens simultaneously in HD resolution. It should be possible to annotate over content and whiteboard with optional</p>		1		

	touch-capable displays and later save the same.				
5.	<b>Recording &amp; Streaming Server:</b> It should provide a robust solution for capturing lectures, presentations, seminars, and training sessions in high-definition 1080p. Should provide web-based portal to later view/play the recorded content.			1	
	<b>Total Cost of Video Conf. System (4+5)</b>				
6.	<b>Visualizer</b> Full HD 1080p with high speed 30fps VGA, HDMI input and output and supports HDMI pass through 20 times variable zoom ratio Built-in microphone One-Touch synchronous audio video recording Compatible with USB flash drives, expandable to 4TB Dual gooseneck side lamps for anti-reflection Full sized built-in LED backlight design for X-rays, film, and slides Folds down to a height of six inches (15 cm) Rigid lens provides protection from abnormal operation			1	
7.	<b>a. Face Plate:</b> with 1HDMI, 1 VGA, 1 Audio Front Panel Connection — 1 HDMI (F). Rear Panel Connection — 1 HDMI (F) on a flat, flexible cable.		1	1	
	<b>b. Splitter:</b> Distribution amplifier for HDMI signals. The unit relocks and equalizes the signal and distributes it to two identical outputs.		1	1	
	<b>c. Scaler:</b> High- performance digital scaler for computer graphics/HDTV and HDMI signals. The unit up- or down-scales computer graphics and HDTV signals to resolutions of up to WUXGA and 1080p.		1	1	
	<b>Total Cost of Visualizer, Face Plate, Splitter and Scaler (6+7)</b>				
8.	<b>AV Rack</b> Rack 12U x 600W x 600D - 1, front glass door 12U x 600W - 1, Rear Inset Door 12U x 600W - 1, , Castors - 4, Fix shelf 494mm W x 375mm D - 4, power unit with 6 sockets of 5A - 1, Blank panel of 1U height - 4, Hardware pkt. -20 nos. - 2, Vertical Cable Chanel - 1		1		
9.	VGA cable: 5 meters, RGB & XLR		30	30	
	Audio cable		1	1	

	HDMI cable: 1.8 meter		2	2	
	HDMI cable: 3 meters			1	
	HDMI cable: 5 meters		1	2	
	HDMI cable: 7.5 meter		2		
	HDMI cable: 15 meters		1	1	
	Speaker cable: Lot per meter		1		
	Connector: Lot		1	1	
	Installation Charges				
	<b>Total cost of cable &amp; Installation (8+9)</b>				
10.	Lighting: Studio quality lighting solution for training rooms, consist of following: 1) Specially designed professional lighting fixtures. 2) Specially designed LED lighting to illuminate partition walls. 3) Custom design of ceiling for highly effective lighting scenario for both video & local training		1	1	
11.	<b>Interior:</b> Highly aesthetic & engineered interiors suitable for visual collaboration rooms, wall paneling, specially designed thick partitions with compressed glass wool for inside & outside noise isolation, acoustically treated ceiling & walls, special ceiling design with coves to provide proper lighting required for visual meeting collaboration as well as local meetings aesthetically beautiful and high quality thick nylon carpeting with adhesive. Special modular table with all cabling facility and video conferencing.		1	1	
12.	Table/Rack for the display: Consists of a) Built in 8U Rack space in just 240 mm system depth with in-built heat dissipation system. b) Built in Air Filter and mounts for cooling fans along with cooling fans. c) Built in stereo sound sound bar of 2 X 60 W with home theatre quality speakers. d) Special camera hood for optional installation of automatic zooming system. e) Camera shelf f) Hydraulic angular opening of the rack unit. g) Side table for the power, VGA & 2 LAN connection for easy installation and troubleshooting. h) Necessary cables & connectors & other miscellaneous equipment.			1	
13.	<b>Server with software :</b> High-End Rack Mount server with following minimum specifications : CPU : 2 x Intel Xeon CPU x5650@2.67GHz or better Cores : 4 cores per CPU RAM : 32 GB			1	

	Local HDD : 250 GB Software : VMware vSphere Standard 5.1/5.5/6.0/6.5 pre-installed.				
14.	Storage: 4 TB hard disk for SAN/NAS storage			1	
15.	<b>Total cost of the tele-education facility (1 to 14)</b>				
16.	Cost of Transportation to ANASTU				
17.	<b>Total of A (15+16)</b>				
<b>B. Solar Power Plant for uninterrupted power supply at ANASTU</b>					
18.	Solar Phot Voltaic Module for 10 KW				
19.	Module Mounting Structure				
20.	Array Junction Box Double Sheathed UV Protected Copper Cable				
21.	Copper Cables as Required for Installation				
22.	Solar Monitoring Unit				
23.	Battery Bank for Uninterrupted Power Supply				
24.	MCB for AC				
25.	MCB for DC				
26.	Earthing Kit				
27.	Lightening Arresters and Overvoltage Protection				
28.	Installation Kit				
29.	Cost of Transportation and Installation at ANASTU, Afghanistan				
<b>Total of B (18 to 29)</b>					
<b>Grand Total (A+B)</b>					

**Asstt. Admn. Officer**