



भा.कृ.अनु.परि. - भारतीयकृषिअनुसन्धानसंस्थान, नयीदिल्ली -११००१२

पादप रोग विज्ञान संभाग

ICAR- Indian Agricultural Research Institute, New Delhi – 110 012

Division of Plant Pathology

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### निविदा-सूचना

निदेशकभा.कृ.अ.प.-भारतीय कृषि अनुसंधान संस्थान नई दिल्ली द्वारा निम्न लिखित वैज्ञानिक उपकरण/वस्तु की आपूर्ति एवं कार्य हेतु प्रतिष्ठित निर्माताओं/अधिकृत डीलरों/आपूर्तिकर्ताओं से दो बोली प्रणाली (तकनीकी एवंवित्त बोली) के अन्तर्गत सील बंद ऑन लाईन क्यूटेशन आमंत्रित की जाती है।क्यूटेशन/निविदा प्रस्तुत करने की अंतिम तिथि **05-03-2019** समय 1.00 बजेदोपहरतक।क्यूटेशन/निविदाकोदिनांक **06-03-2019** को समय 15.00 बजेनिर्धारितसमिति के समक्ष खोलीजाएगी।**Online Tender** are invited from reputed Manufacture/Dealer/Supplier in two bid system (Technicalbid & 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 **05-03-2019** at 1.00 PM. The bid will be opened on dated **06-03-2019** at 15.00 hrs by the prescribed committee.

*विस्तृतनियम व शर्तोंकोभा.कृ.अ.सं. की वेबसाईटwww.iari.res.in पर देखें एवंऑनलाईन के लिए www.eprocure.gov.in देखाजासकताहै।Please visit www.iari.res.in for Details Rules and Regulation and Log on www.eprocure.gov.in for online.*

क्रमसंख्या Sl. No.	वैज्ञानिकउपकरण/ वस्तुकानाम 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 tothebidderandterms&conditions oftender:**

आपके द्वारादीगयीमूल्य दर क्यूटेशन प्राप्ति हेतु निर्धारित अन्तिमदिन से कम से कम 180 दिनोंतकमान्य होगी। यदिआपूर्तिकर्ता द्वारा 180 दिनों की न्यूनतमअवधि की वैधता के संबंध मेंकोईअन्तरहोतोउसकाविशेष रूप से उल्लेख होनाचाहिए।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. नईदिल्ली के पादप रोग विज्ञान संभाग, भा.कृ.अनु.संस्थान, नई दिल्ली-110012 एवम अनास्तु, अफ़ग़ानिस्तान मेंसामान/सामग्री की निःशुल्कआपूर्तिअथवास्थापन शामिलहोगाजैसा की निविदा मे दर्शित है। हांलाकिविदेशीमुद्रामेंदर्शाए गए उपकरणको एफ.ओ.बी./सी.आई.पी. आधारपरदर्शायाजाए।The rates quoted shall be free of cost delivery and installation at the Division of **Plant Pathology**, IARI,NewDelhi-110012 and ANASTU, Afghanistan as per requirement in Tender. However, equipment quoted in foreign currency must be quotedon 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 are leviable, actual percentage of such taxes/duties/other charges should be clearly indicated.
5. बोली के साथ बतौर बयानाराशि **रु. 3,00,000/-** का डिमांड माँग ड्राफ्ट / भुगतान आदेश / मियादी जमा रसीद / बैंक गारंटी को निदेशक, भा. कृ. अनु. संस्थान, नई दिल्ली-110012 के नाम कि सी भी राष्ट्रीय कृत बैंक में देय हो, अवश्य संलग्न होना चाहिए। जिसके बिना, क्यूटेशन पर विचार नहीं किया जायेगा। बयानाराशि की मूल प्रति सीधे तौर पर संबंधित निविदा आमंत्रित अधिकारी को आखिरी तारीख तक या ऑफलाइन दर जमा करने से पहले पहुंचानी चाहिए। डिमांड माँग ड्राफ्ट / भुगतान आदेश / मियादी जमा रसीद / बैंक गारंटी से संबंधित सभी जानकारियों को व्यक्तिगत रूप से भेजी जानी चाहिए, इस संबंध में प्राप्त स्कैन कॉपी/या जो डाटा अपूर्ण कता द्वारा दर जमा करने के दौरान दिया गया है उससे मिलान किया जाएगा अन्यथा इस क्यूटेशन को रद्द माना जाएगा। **EMD of Rs.3,00,000/- Rupees Three Lakh 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 entered during the bid submission time otherwise the uploaded bid will be rejected.
6. इस संस्थान द्वारा निविदाकर्ता को कि सी भी सुरक्षा जमा राशि और बयानाराशि पर ब्याज नहीं दिया जाएगा। No interest on security deposit and earnest money deposit shall be paid by the Institute to the tenderer.
7. क्यूटेशन प्रक्रिया पूरी होने के पश्चात् असफल बोली दाताओं को उन की जमा की गयी बयाने की राशि वापस कर दी, जायेगी जबकि सफल तम बोली दाता के मामले में यह राशि नियम के अनुसार सुरक्षा जमा के रूप में समायाजित की जा सकती है, जो कि ऑर्डर के राशि की 5-10 प्रतिशत होगी और यह डिमांड माँग ड्राफ्ट / भुगतान आदेश / मियादी जमा रसीद / बैंक गारंटी निदेशक, भा. कृ. अनु. संस्थान, नई दिल्ली- 110012 के नाम कि सी भी राष्ट्रीय कृत 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 कि सी 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 कि सी 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 तनी 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 bill triplicate.
10. निदेशक, भा. कृ. अनु. संस्थान, नई दिल्ली के पास बिना कारण बताये सभी क्यूटेशन ऑफ 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 quotation either in full or in parts without assigning any reason.

11. उपरोक्त शर्तोंकापालन न करनेवालीक्यूटेशनोंकोअस्वीकारकरने के लियेउत्तरदायीहोंगी।Quotationsnotcomplyingwith theaboveconditions areliabletoberejected.
12. TIN/VAT/PAN/C.S.T. Nos. के स्कैनकॉपीकोक्यूटेशन के साथमेंसंलग्नकियाजाए।Scanned copyofTIN/VAT/PAN/C.S.T. Nosmaybeattachedwith thebid.
13. किसीकारणअनुबंध मेंकोईविवादउत्पन्नहोनेपरभारतीय कानूनऔरन्यायालय, नईदिल्ली की अधिकारिता के अधीनहोगा। सचिव, भारतीय कृषिअनुसंधानपरिषद द्वारा एकमात्र मध्यस्थनियुक्तकियागयाहै, जिसकानिर्णय दोनोंपार्टियों (Supplier औरPurchaser) परअंतिममानाजाएगा।Incase,any disputearisingoutofthiscontractshallbesubjecttothejurisdictionofIndianlaws&CourtatNewDelhi.Solearbitratoris appointedbytheSecretary, ICAR,New Delhi.Hisdecisionwill befinalandbinding onboth parties(SupplierandPurchaser)
14. सफलबोलीदाताकोसौंपे गए कार्यकोनिर्धारित150 दिनआपूर्तिआदेश के भीतरकार्यकरनाहोगाजैसाआपूर्तिआदेशमेंदर्शायागयाहोगा यदि ऐसा नहीकियाजातातो कम से कम 2% तथाअधिकतम 10% की क्षतिनष्टकटौती के रूपमें उनके बिल से काटीजाएगी।ThesuccessfulbidderhastoexecutetheindentedJob/Workin 150 daysas mentionedinthesupplyorderplaced withthemwithinthe stipulatedperiodasgiveninthesupplyorderplacedbythis office failingwhich 2%perweekandmaximumof10%deductionasliquidateddamagechargeswillbemadefromthe bill incasethethejobisnotcompleted withinthegiven stipulated period.
15. फर्मकोइसकार्य/क्षेत्र में 3 वर्ष के अनुभवकाप्रमाणपत्र संलग्नकरनाचाहिए। Firms should have atleast3 years experience in this line, proof should be closed.
16. Custom clearance of the Afghanistan Govoernment will be provided by ANASTU on receipt of the proforma invoice and complete package-wise list of the articles being sent to ANASTU, and transportation of the articles from the Kandahar Airport to ANASTU will be arranged by ANASTU.

**17. 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.3,00,000/- (Rupees Three Lakh Only)**
4. Literature/pamphlet/drawingetc. 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.

18.

क्रमसंख्या Sl. No.	विवरण/उपकरणमद की विशिष्टता Description / Specification of the Equipment/ Item	अनुमानितलागत Approximate Cost
1.	Name of Equipment :Developing Of Tele-Education Facility along with solar power plantof 10 KW on turnkey basis Specification :As per Annexure -A	Rs.154.73 Lakh

Sd/-  
(सहायकप्रशासनिकअधिकारी)  
Asstt.Admn.Officer

S.N.	Item	Unit Cost	No. Units Required for		Total cost in IRs.
			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.	(a) <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		
	(b) <b>Display:</b> 55" LED professional Touch Monitor, with specifications as in 2 (a)			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.  Including Router, internet connectors, telephone for video call and UPS  AMC for 2 years after the warranty period.			1	
	b. <b>Camera Tray</b>			1	
	c. <b>Video Conf. System:</b> Video Conference System consisting of Full HD 1080p camera with 10X Optical Zoom or more, PAN +/- 90°		1		

	<p>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>				
	<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 touch-capable displays and later save the same.</p>		1		
5.	<p><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.</p>			1	
	<p><b>Total Cost of Video Conf. System (4+5)</b></p>				
6.	<p><b>Visualizer</b> Full HD 1080p with high speed 30fps VGA, HDMI input and output and supports HDMI passthrough 20 times variable zoom ratio Built-in microphone One-Touch synchronous audio video recording</p>			1	

	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				
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 InsetDoor 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	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 (with carpet area of 450 sq. ft. each), 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		1	1	

	local meetings aesthetically beautiful and high quality thick nylon carpeting with adhesive. Special modular tables (ten in number) with all cabling facility and video conferencing, and chairs to seat two students per table. In addition, one display table and one chair for the teacher at both the places.				
12.	<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 Local HDD :250 GB Software : VMware vSphere Standard 5.1/5.5/6.0/6.5 pre-installed.			1	
13.	Storage: 4 TB hard disk for SAN/NAS storage			1	
14.	<b>Total cost of the tele-education facility (1 to 13)</b>				
15.	Cost of Transportation to ANASTU				
16.	<b>Total of A (14+15)</b>				
<b>B. Solar Power Plant for uninterrupted power supply at ANASTU</b>					
17.	Solar Phot Voltaic Module for 10 KW				
18.	Module Mounting Structure				
19.	Array Junction Box Double Sheathed UV Protected Copper Cable				
20.	Copper Cables as Required for Installation				
21.	Solar Monitoring Unit				
22.	Battery Bank for Uninterrupted Power Supply				
23.	MCB for AC				
24.	MCB for DC				
25.	Earthling Kit				
26.	Lightening Arresters and Overvoltage Protection				
27.	Installation Kit				
28.	Cost of Transportation and Installation at ANASTU, Afghanistan				
<b>Total of B (18 to 28)</b>					
<b>Grand Total (A+B)</b>					

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