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#### AL FARMING SOLUTIONS FOR CENTRE OF EXCELLENCE FOR DIG ENHANCING PRODUCTIVITY BY ROBOTS, DRONES and AGVs.

VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI (M.S.) INDIA Contact No. 02452\_223002, 223802 Mob. 9422111232 Email: nahep.caast.vnmkv@gmail.com



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F.No.PI/NAHEP/CAAST DFSRDA/Quot/ 143 /2020	Date: 15/ 09 /2020
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Dear Sir,	
Subject: INVITATION OF QUOTA	ATION FOR SUPPLY OF <b>OFFICE EQUIPMENTS</b>

1. You are invited to submit your most competitive quotation for the following Goods: -

S. N.	Brief	Specifications*	Quantity	Delivery Period	Place of	Installation
	Description of		(Unit)		Delivery	requiremen
	the goods					t if any
1	Office	Colour Photo Copier	1 Nos	After awarding	Office of	Yes, with
	<b>Equipment's</b>	Machine		the contract & the	PI,	installation
		LCD Projector with	1 Nos	period of validity	NAHEP-	and
		Screen		of quotation	CAAST,	technical
		Air Conditioner	1 Nos		VNMKV, Parbhani	demonstrati
		Printer	1 Nos		Paronam	ons.
		Detail Specifications				
		Given Below.				

### **Technical Specifications for Office Equipment's**

**Colour Photo Copier** 

Colour I noto Copier	
Color Output	Multicolour, Black & White
Function	Photocopy, Multi-Function
Print Speed (ppm)	35-65 Pages Per Minute in B/W
Supported Paper Size	A4, A1, A2, A3
Memory Size	1 GB
Item Weight	215 kg
Warranty	12 Months
Power Requirements	120V, 16A
First Copy Time	3 Seconds
Document Feeder	100 Pages
Standard Paper Capacity	Dual 550 Sheet Paper Cassette Trays and Dual 1,500 Sheet Paper Cassette Trays
Monthly Volume	250,000 Impressions
Resolution	600 x 600 dpi to 1200 x 1200 dpi









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Toner Yield	35,000-45,000 Impressions Black
Dimensions	(H x W x D) 47 x 25 x 29 Inch
Connectivity - USB	USB 3.0

### LASER PRINTER

Multi-Function Printers contains following Specification (Laser Printer)

- 1. Printing
- 2. Scanning
- 3. Xerox
- 4. Duplex Printing

### **LCD Projector**

Type of display	Poly-silicon TFT active matrix			
Resolution	BrightLink 475Wi/485Wi:			
	$1280 \times 800$ pixels (WXGA)			
Lens	F= 1.80			
	Focal length: 3.71 mm			
Color reproduction	Full color, 16.77 million colors			
Brightness	BrightLink 485Wi:			
	Normal Power Consumption mode:			
	White light output 3100 lumens (ISO 21118 standard)			
	Color light output 3100 lumens			
	ECO Power Consumption mode:			
	White light output 1800 lumens (ISO 21118 standard)			
Contrast ratio	3000 to 1 with Auto Iris on and Normal Power Consumption			
	mode			
Image size	Bright Link 475Wi/485Wi:			
	60 to 100 inches (1.52 to 2.54 m)			
Projection distance	13.7 to 23.5 inches (0.35 to 0.60 m)			
Projection methods	Front, wall or ceiling-mounted			
Optical aspect ratio	BrightLink 475Wi/485Wi:			
(width-to-height)	16:10			
Focus adjustment	Manual			
Zoom adjustment	Digital			
Zoom ratio	1:1.35			
(Tele-to-Wide)				
Internal sound system	16 W monaural			
Noise level	35 dB (Normal Power Consumption mode)			
	28 dB (ECO Power Consumption mode)			
Keystone correction angle	Vertical: ± 5°			
	Horizontal: ± 5°			
USB-B port compatibility	USB 3.0 compliant for USB display or external mouse			
USB-A port compatibility	One USB 3.0 compliant port for USB device input			
Projector Lamp Specifications				
Type	UHE (Ultra High Efficiency)			









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Power consumption	BrightLink 480i/485Wi:		
	215 W		
Lamp life	Normal Power Consumption mode:		
	Up to about 3000 hours		
	ECO Power Consumption mode:		
	Up to about 4000 hours		

### **Air Conditioner**

**Technical Specification for Split Type Air Conditioners (ACs)** 

### 1.0 Scope of Work:

- **1.1** Supply, installation, commissioning and testing of split ACs using proper tools and procedures
- **1.2** Refinishing/closing of all holes/penetrations, done for the installation of the ACs, by the supplier using his material, manpower and tools
- **1.3** Supply of O&M manual
- 1.4 One year onsite servicing and guarantee after installation
- **2.0 Delivery, Packing & Transportation:** Proper packing and safe delivery *within 1 months* from the date issue of order of ACs at IRPSU, RRCAT, Indore, India is the responsibility of Vendor only.
- **3.0 Guarantee Period:** Minimum of 12 months.
- 4.0 Feature of the required Split Air Conditioner

Sr No	Parameter	Unit	Value
1	Tonnage	Ton	2
2	Star Rating	Stars	3
3	Rated Cooling Capacity	Watts	≥ 6400W
4	Rated EER	W/W	≥ 3.0
5	Power Supply	V/Hz/Ph	230 / 50-60 / 1 Phase
6	Air Flow Volume - Indoor	CMH	≥ 1100
7	Noise Level - Indoor	dB(A)	$\leq 50$
8	Operation		LCD Remote
9	Compressor Type		High EER Rotary
10	Refrigerant		Eco-friendly (e.g. R-22)
11	Filter Type		Anti-Dust/Catalyst or equivalent
12	Anti-Corrosive Coating		Blue Fin/Gold Fin or equivalent

### **5.0 Special Requirements:**

- **5.1** Installation site distance between Indoor Unit and Outdoor Unit is about *15 meters*, therefore normal supply of copper tubing, insulation pipe and water drain pipe shall be accordingly.
- **5.2** Electrical connection for ACs shall be done with suitable rating of Electronic Shock Guard ELCB + MCB + RCCB
- **5.3** Cost of tubing shall be included in the offer and any balance tubing and cable shall be property of RRCAT.
  - The above price is including GST and other terms such as Technical support from purchase of goods from September 2020 up to March 2022.





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- Place of Delivery: CENTER OF EXCELLENCE FOR DIGITAL FARMING SOLUTIONS
  FOR ENHANCING PRODUCTION BY ROBOTS, DRONES and AGVs. Vasantrao Naik
  Marathwada Krishi Vidyapeeth Parbhani.
  - \*\* Quantity of work may be varies.
  - \* Where ISI certification marked Goods are available in market, procurement should generally be limited to goods with those or equivalent marketing only.
- 2. Government of India has received a financing from the International Bank for Reconstruction and Development World Bank towards the cost of the National Agricultural Higher Education Project NAHEP (CAAST- DFSRDA, VNMKV, Parbhani) and intends to apply part of the proceeds of this loan to eligible payments under the contract for which this invitation for quotations is issued.

#### 3. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be by made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The prices shall be quoted in Indian Rupees only.
- **4.** Each bidder shall submit only one quotation.

### 5. Validity of Quotation

Quotation shall remain valid for a period not less than 60 days after deadline date specified for submission.

### 6. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- a) are properly signed; and
- b) Conform to the terms and conditions, and specifications.

The quotations would be evaluated for all the item together/ would be evaluated separately for each item. [Select one of the options.]

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

#### 7. Award of contract

The purchaser will award the contract to be bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation prices.

- 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process the reject all quotations at any time prior to the award of contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply/ Purchase order.





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- **8.** Part payment or part supply orders will not be accepted. The payment will be made immediately after delivery of Goods/Setup/installation/Training/Assignment as per signed up/award of contract.
- **9.** The necessary catalogue, leaf lets, operational manual or any other printed material related to goods/material should be provided during completion of contract.
- 10. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
- 11. The rates/prices should be FOR, VNMKV, Parbhani (MS) India. All leakages-breakage and losses in transit including shortages, if any will be borne by the firm/supplier. Offer should clearly mention the locations for which rates are quoted.
- **12.** The firm should provide proof of GST registration no. / Tin no. / PAN no. and all legislative documents required as per world bank/ICAR New Delhi procedure.
- **13. Onsite installation with technical demonstration and training** to core team member and technical staff should be provided by the supplier in consultation with expert team member of NAHEP-CAAST DFSRDA, VNMKV, Parbhani office.
- **14.** In case, any holiday is declared by the Government on the day of opening, the bids will be opened on the next working day at the same time. The Principal Investigator, NAHEP CAAST DFSRDA VNMKV Parbhani, reserves the right to accept or reject any or all the bids.
- **15.** The bids of firm (s) which have either been black-listed by VNMKV, Parbhani or any other Govt. organization will not be accepted. In this regards, the firm has to give an undertaking on the enclosed format.
- 16. You are requested to provide your offer latest by 05.00 PM on or before 06/10/2020 in the name of Principal Investigator, NAHEP-CAAST-DFSRDA, VNMKV, Parbhani 431 402. The bids will be opened on the last day of submission at the same time. All suppliers/firms are requested to be present in the chamber of undersigned.
- 17. Write the title "Quotation for supply of Office Equipment's" on top line of envelopment.
- **18.** We look forward to receiving your quotations and thank you for your interest in this project.

Principal Investigator
National Agricultural Higher Education Project
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### FORMAT OF QUOTATION FOR SUPPLIER

Sl. No.	Description	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
	Goods	•				Rupee	es
TOTAL	In Figures						
	In Words						
GST	GST						

Cross	Total	Cost	Re	
( TI () <b>\</b>	понин		10.0.	 

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ...... (Amount in figure) Rs. ...... (Amount in words) within the period specified in the Invitation for Quotation.

We also confirm that the normal commercial warrantee/ guarantee of ....... Months shall apply to the offered goods.

We hereby certify that we have neither black-listed by VNMKV, Parbhani nor any other Govt. organization.

We hereby certify that we have no "Conflict of Interest" with NAHEP-CAAST, DFSRDA VNMKV, Parbhani office or staff.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in corrupt, fraudulent, collusive, or obstructive practices (as defined in the prevailing World Bank's sanction procedures) in competing for or in performing the Contract.

Signature of Supplier

\* Supplier should also mention the discount offered.