



भाकृअनुप - राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी
राजेन्द्रनगर, हैदराबाद-५०००३०, तेलंगाणा, भारत
ICAR-National Academy of Agricultural Research Management
(ISO 9001:2015 Certified)
Rajendranagar, Hyderabad-500030, Telangana, India
Phones: (040) 2458 1322; Fax: (040) 2401 5912; <https://naarm.org.in>



Phone No. 040-24581393

F. No.5-544/18-19/PS
Dated : 17th April, 2019

**TENDER ENQUIRY FOR PROCUREMENT AND INSTALLATION OF IT
EQUIPMENT FOR DBT PROJECT IN TWO BID SYSTEM**

ICAR-NAARM is a premier publicly funded Training and Research Management Organization under ICAR, DARE, Ministry of Agriculture, and Government of India. The Director, ICAR-NAARM, Rajendranagar, Hyderabad 500 030, Telangana, India now Invites sealed tenders for **“Procurement and Installation of IT EQUIPMENT FOR DBT PROJECT ON TWO BID SYSTEM”**.

Sl. No.	Description	Date	Time
1)	Tender Publishing Date	17-04-2019	1400 hrs
2)	Document Download start	17-04-2019	1400 hrs
3)	Seek Clarification Start Date	17-04-2019	1800 hrs
4)	Seek Clarification End Date	07-05-2019	1100 hrs
5)	Bid Submission Start Date	17-04-2019	1800 hrs
6)	Bid Submission Closing Date	07-05-2019	1400 hrs
7)	Bid Opening Date	08-05-2019	1400 hrs

Terms and Conditions:

Download: The tender documents indicating full details of **IT EQUIPMENT FOR DBT PROJECT** - terms and conditions for supply and information format can be downloaded from NAARM Website (<http://www.naarm.org.in/>) or the Government of India, Central Public Procurement Portal (<http://eprocure.gov.in/cppp/>). Director, ICAR-NAARM reserves the right to accept or reject any tender(s) or in full without assigning any reason thereof. **THE TENDER HAS TO BE SUBMITTED ONLINE ONLY.**

Note:

- The items as per supply order shall be transported to ICAR-NAARM Stores at your cost.
- The information format should invariably be filled in and duly signed by the authorized signatory and the terms and conditions strictly be followed before submitting the tender.
- The tender(s) may be addressed to the Director, ICAR-NAARM, Rajendranagar, and Hyderabad-500 030.
- Note: Bidder should Sign and Seal on each page of the Tender Document failing which your Tender Document will not be accepted.

(STORES AND PURCHASE OFFICER)
ICAR-NAARM

General Terms and Conditions:

1. **Cost of Tender:** The cost of Tender document is free. The terms and conditions and information format can be downloaded from ICAR - NAARM Website (<http://www.naarm.org.in/>) or the Government of India, Central Public Procurement Portal (<http://eprocure.gov.in/cppp/>). Director, ICAR-NAARM reserves the right to accept or reject any tender(s) or in full without assigning any reason thereof.
2. **Earnest Money Deposit:** The vendors has to submit an EMD of **Rs.55,000-00 (Rupees Fifty Five thousand only)** along with tender document. Original Demand Draft in respect of EMD has to be submitted to the Stores and Purchase Officer before the due date. The tenders will not be considered at any cost without EMD. **EMD in the form of crossed Demand Draft/Bankers cheque** drawn from any commercial bank in favor of "ICAR Unit - NAARM A/c.", payable at Hyderabad should be enclosed with the tender (technical bid). The bidder has to submit **EMD with the Tender Document** except those who are registered with Central Purchase Organization (CPO), National Small Industries Corporation (NSIC). The unsuccessful bidders EMD will be returned soon after the finalization of Tender, whereas the successful bidders **EMD** will be returned subject to furnishing the required **Performance Security/Security Deposit**.
3. All communications must be addressed to the Director, ICAR-NAARM, Rajendranagar, and Hyderabad.
4. **Payment:** No advance payment is permissible. Payment will be made only after satisfactory supply & installation of the goods/equipment material in couple of weeks with due certification of the concerned in- charges.
5. **Security Deposit:** The successful bidder has to furnish an amount equivalent to ten (10) per cent of the order value as **Performance Security Deposit** which will be refunded / returned only after satisfactory completion of the contractual obligations including warranty. The Security Deposit should be in the form of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any commercial bank and on which no interest will be paid.
6. **Delivery Schedule:** Unless otherwise specified, the material should be supplied & installed on receipt of Purchase Order. No part supply is allowed. Specific mention imported/acquired and in the latter case the time required for delivery after firm purchase order is placed should be indicated clearly.
7. **Liquidated:** If you are failed to deliver any or all of the goods or to perform the services within the delivery period specified above, a sum equivalent to 0.5% of the contract price per week or part thereof off delay until actual delivery or

performance shall be deducted from the Bill up to a maximum deduction of 10% of the contract price. Once the maximum is reached, we may consider termination of the contract and the firm will not be allowed to participate in any Tender for the next three (03) years.

8. **Bank details for e-payment:** The bank details may be furnished along with tender for making e-payment to the successful bidder.
9. **ISO Certification:** The ISO certification of the product may be furnished along with tender.
10. A Pre-inspection of the product will be done by Committee before its supply, if required.
11. **Expiry date:** The supplied goods should be from latest stock by the manufacturers.
12. ICAR - NAARM has entitlement for GST exemption for Educational Institutions.
13. **Period of Validity:** The rates quoted shall be valid for a minimum period of **90 days (3 months)** beyond the date of opening of tenders.
14. **Rates:** Rates should be quoted per Item basis in the prescribed Price Schedule in Indian Rupees only.
15. **Specifications:** Full specifications of the item quoted for should be indicated in the tender along with illustrated pamphlets, drawings, Brochures, catalogues etc. must be invariable enclosed wherever applicable. The supplier has to submit the compliance statement on the technical specifications in the prescribed format enclosed to this schedule.
16. **Indigenous Items:** Articles of indigenous origin are required except where specified otherwise. Where indigenous make is not available foreign made articles can be quoted for, provided, payment is acceptable in Indian currency.
17. **Shipment:** Shipment should be directly supplied from Manufacture to the Academy securely package at supplier's risk, unless otherwise specified.
18. **Taxes / Duties:** If taxes, duties, or any other charges over and above the rates quoted are payable by the Academy, actual / percentage of such taxes / duties / charges should be clearly indicated.

19. Registration of GST: Necessary declaration on the following line should be furnished: "Certified that the goods on which GST is chargeable have not been exempted under the relevant GST Act or rules made there under and the charges on account of GST on these goods are correct under the relevant act or rules made there under. A valid GST Registration Certificate must be enclosed along with the declaration
20. **Warranty:** The Equipment/goods supplied should be under comprehensive OEM warranty of 3 years from the date of installation and acceptance by the academy as specified in the Schedule of Requirements. However, the manufacturer's warranty, which exceeds 3 years or the period specified in the Schedule of Requirements, should be extended accordingly.
21. **Penalty:** Security deposit submitted by the bidder will be forfeited, if the bidder/OEM fails to give service support during the warranty period as specified in the Tender document and the firm will not be allowed to participate in any Tender for the next three (03) years
22. **Evaluation:** All the Items Separate Evaluation will be done for both Technical and Financial Bid. Those who are qualified in Technical Bid evaluation only considered for Price Bid evaluation before awarding the contract. Preference will be given for those bidders who quoted all the items as per tender document
23. **Enquiry's on tender:** Any enquiry's regarding the tenders will not be entertained once the tenders are opened.
24. **Acceptance of tender:** Director, ICAR-NAARM reserves the right to accept or reject any of the tenders either in part or in full without assigning any reason thereof.
25. **Quantities:** Director, ICAR-NAARM reserves the right to reduce or increase the work order / quantity at the time of placing the Purchase Order.
26. **Decision:**The Decision of the Director, ICAR-NAARM on any dispute in the matter will be final and legally binding.
27. **Jurisdiction:** All disputes including court proceedings shall be settled within the Hyderabad jurisdiction only.
28. **Rejection of tenders:** Tenders not complying with any one of the above conditions, are liable to be rejected. No correspondence in this regard will be entertained.
29. In the event of the date & time specified for tender receipt being declared as a closed holiday for purchaser's office, the due date for submission of tenders will be the following working day at the specified timings.

30. Late submission of tenders & unsigned tenders shall not be entertained at any cost after specified date & time as indicated. **The tenders without EMD amount will not be considered.**

31. Director, ICAR-NAARM reserves the right to accept or reject any or all the tenders. Decision of the Director will be final and legally binding.

IMPORTANT NOTE: The bidder should submit the Tender Document along with Earnest Money Deposit (EMD) including schedule of requirements and technical specification item wise price mentioned in the Tender Document. The bid must be accompanied with earnest money deposit in the form of DD. In any case the bid without EMD/DD will not be entertained.

(Stores &Purchase Officer)



भाकृअनुप - राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी
राजेन्द्रनगर, हैदराबाद-५०००३०, तेलंगाणा, भारत
ICAR-National Academy of Agricultural Research Management
(ISO 9001:2015 Certified)

Rajendranagar, Hyderabad-500030, Telangana, India
Phones: (040) 2458 1322; Fax: (040) 2401 5912; <https://naarm.org.in>



Please give page numbers to the tender document and all enclosures and also verify the following documents before submission of the tender in the sequence listed below, to avoid rejection or disqualification of your tender.

PLEASE NOTE THAT ALL RELATED XEROX COPIES MAY PLEASE BE ENCLOSED WITH THE TENDER DOCUMENT AS A PROOF

S. No.	List of the Documents to be enclosed with the Tender	Page No.	Enclosed (Yes/No)
1.	Earnest Money Deposit: EMD should be drawn on any Commercial Bank as indicated in the notice inviting tenders in favour of "ICAR UNIT - NAARM A/c" vide EMD D.D. No. _____ Dated: _____ for Rs.		
2.	The entire original tender document with seal and signature on each page at the time of submission of tender document(s) within the due date and the terms and conditions should strictly be followed before submitting the tender.		
3.	Registration certificate of the Firm		
4.	NSIC /MSME certificate registered with NSIC/Udyog Aadhaar (if applicable) to be enclosed		
5.	Certificates of registration for GST issued by appropriate Government for the required sales with the seal of the tenderer to be enclosed.		
6. (a)	Experience: Existence of Firm should have minimum of 10 years in supply of IT equipment and IT services		
(b)	Satisfactory Performance Certificates along with minimum of 03 Purchase Orders in Govt. of India, State Govt. Public or Private Sector Enterprises in supply and Installation of IT Equipment		
7.	The firm should submit Income Tax returns of previous 03 assessment years i.e., 2015-16, 2016-17 & 2017-18 along with the tender document.		
8.	Annual Turnover minimum of Rs.5.00 crore in the 03 years		

10.	Local service center for OEM		
11.	The quoted firm should have a local office - (Yes/No)		
12.	The Firm should not be blacklisted in last 05 years by Central Government/State Govt., Public or Private Sector Enterprises		
13.	Tender Form - Annexure - I		
14.	Technical Specification Compliance - Annexure - II		
15.	Data sheet for the quoted products with photo - Annexure - III		
17.	Any other document or information as required in the tender document.		
			No. of Total Pages :

TECHNICAL SPECIFICATIONS AND REQUIREMENT

1) Server (High End) Specifications

SNo	Description of		Qty.
	The quoted model	Make & Model	
	Gartner Rating	The quoted Make should in then Leaders Quadrant of the Gartner Report.	
1	Processor	1 x Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s ,	1
	Form Factor	Form factor: Tower	
	Memory	2 x 16GB DDR4 ECC RAM	
	Storage	4 x 2 TB 7.2K RPM SATA Hot-Swappable Hard Drive	
	Storage controllers	PERC H730P RAID Controller, 2GB NV Cache,	
	Drive bays	Front drive bays: Up to 10 x 2.5" SAS/SATA (HDD/SSD) with up to 4 NVMe SSD max 48TB or up to 4 x 3.5 SAS/SATA	
	Power supplies	Dual, Hot-plug, Redundant Power Supply (1+1),	
	Embedded	iDRAC9 with Lifecycle Controller	
	Graphics	NVIDIA Quadro P400, 2GB, 3 mDP to DP	
	I/O & Ports	2 x 1GbE LOM 1 dedicated iDRAC port Front ports: Video, 1 x USB 2.0 available	
	Monitor, keyboard & Mouse	22" Monitor, USB Keyboard and Mouse	
	Supported operating systems	Canonical® Ubuntu® LTS Citrix® XenServer® Microsoft Windows Server® with Hyper-V Red Hat® Enterprise Linux SUSE® Linux Enterprise Server	
	Warranty	Three Years OEM Onsite Comprehensive Warranty	

2) Specifications of Server Medium (Workstation) - (1 No.)

1. Make & Model
2. The quoted Make should in then Leaders Quadrant of the Gartner Report.
3. Processor Intel® Xeon® W-series
4. Operating System
5. Windows® 10 Pro for Workstations
6. Power Supply, 500 W @ 92% efficient
7. Graphics: Up to 2 x NVIDIA® Quadro® RTX 4000
8. Memory: 4-CH, 4 X DIMM slots, up to 128 GB DDR4, 2666 MHz, ECC Storage Capacity: Up to 12 total drives, Up to 4 internal storage bays Max 3.5" HDD = 6 (60 TB)
9. On-board: 2 x PCIe SSD M.2 (up to 2 TB) RAID Support: RAID 0, 1, 5, 10
10. NVMe RAID 0, 1 option (Intel RSTe vROC) via activation key
11. Ports: Front: 2 x USB-C/Thunderbolt 3 (optional) Front: 2 x USB 3.1 Gen 1 Type A
12. Front: Microphone, Front: Headphone , Rear: USB-C (optional) Rear: Thunderbolt 3 (optional), Rear: 4 x USB 3.1 Gen 1 Type A Rear: 2 x USB 2.0 Type A, Rear: 2 x PS/2, Rear: eSATA (optional)
13. Rear: Firewire (optional), Rear: Gigabit Ethernet, Rea: Audio line-in, Rear: Audio line-out, Rear: Microphone
14. Intel® Wireless - N 7260 AC: 802.11 a/c, 2 x 2, 2.4 GHz / 5 GHz + Bluetooth® 4.0
15. Intel® Dual Band Wireless 8265 AC PCI / PCIe Slots
16. 2 x PCIe3 x 16
17. PCIe3 x 8 (open ended)
18. PCIe3 x 4 (open ended)
19. Dimensions (W x D x H) 6.9" x 16.8" x 14.8" / 175 mm x 426 mm x 375 mm (25 L) Keyboard & Mouse: Wired USB Keyboard & Mouse
20. Three Years OEM onsite Comprehensive Warranty

3) Desktop Computers - 10 Nos.

Desktops specifications	
Quoted product	Make & Model
Gartner Rating	The quoted Make should in then Leaders
Processor	Intel Core i5-8600 (6 Cores/12MB/12T/up to
Chipset	Intel® H370 Chipset
Bus Architecture	one 16x PCIe and 3 Full Height PCIe or more
Memory	8GB 1X8GB DDR4 2666MHz UDIMM Non-ECC
Hard Disk Drive	3.5" 1TB 7200rpm SATA Hard Disk Drive or
Monitor	22" Monitor .
Key board	104 keys Multimedia USB Keyboard (Same make
Mouse	2 Button Optical with USB interface (Same make as
Bays	4 Nos or above

Ports	Tower/SFF 8 External USB: 4 x 3.1 Gen 1 (2 front, 2 rear) and 4 x 2.0 (2 front, 2 rear - 2 SmartPower On) Micro: 6 External USB: 4 x 3.1Gen 1 (2 front/2 rear) and 2 x 2.0 (2 rear-1 Smart Power On) 1 – DP: 1 – HDMI: 1 RI-45: 1 Optional 3rd Video Port
Cabinet	Tower - Tools Less chasis with 260W up to 85% efficient Power
DVD ROM	8X or better DVD RW drive
Network facility	1Integrated Realtek RTL8111HSD-CG Ethernet LAN 10/100/1000 with remote booting facility remote system
Security	TPM enabled 1.2 chip using any standard management
Operating	Windows 10 professional
Certifications	Windows 10 OS and Linux certification Energy star
Power management	Screen blanking, hard disk and system idle mode in Power on,Set up Password Power supply SMPS surge protected
Warranty	36 months NBD comprehensive onsite warranty
Regulatory Certifications	FCC, UL, Energy Saver, ROHS, Windows, Ubuntu Linux.
Warranty	Three Years OEM Onsite Comprehensive Warranty

4) Laser Printer (Network) - 1 No.

1. Make & Model
2. The quoted Make should in then Leaders Quadrant of the Gartner Report.
3. Printer Category: Laser

4. Type: Printer Only
5. Color or Monochrome: 1-pass color Technology (for laser category only): Laser Connection Type: USB, Ethernet, Wireless Maximum Standard Paper Size: Legal Number of Cartridges: 4
6. Number of Ink Colors: 4
7. Direct Printing from Cameras: No
8. LCD Preview Screen: No
9. Rated Speed at Default Settings (Mono): 19 ppm Rated Speed at Default Settings (Color): 19 ppm Scanner Type: Flatbed with ADF (Standard or Optional) Maximum Scan Area: 8.5" x 17"
10. Duty Cycle: 40000 pages per month
11. Input Capacity (printer input only): 300 sheets
12. Print Duplexing: Automatic
13. Three Years OEM onsite Comprehensive Warranty

5) Photocopier and Scanner - 1 No.

1. Make & Model
2. The quoted Make should in then Leaders Quadrant of the Gartner Report.
3. Print, Scan, Copy, Fax
4. Print Resolution: 1200 x 2400 dpi
5. Print Speed: 18 ppm
6. Maximum Scan Resolution: 1200 dpi
7. Maximum Document Size: 8.5 x 14"
8. Mobile Printing Capability
9. 15-Sheet ADF & 150 Sheet Input Tray
10. 4.3" Color Touchscreen; Front USB Port
11. Monthly Duty Cycle: 30,000 Pages
12. USB 2.0, Ethernet, & Wi-Fi Connectivity
13. Three Years OEM onsite Comprehensive Warranty

TENDER FORM

(To be filled in by the Tenderer duly printed on their letter head)

Tenderer's Ref.No. _____ Date:
From:

To
The DIRECTOR, ICAR-NAARM,
Rajendranagar, HYDERABAD -30

Ref: Your Tender Notice Advt. No.
dated-----.

Dear Sir,

I/We hereby offer for your requirements detailed in the schedule hereto or such portion thereof as you may specify in the Acceptance of Tender at the **rates given in the said schedule and agree to hold this offer for 90 days for acceptance.** I/We shall be bound by a communication of Acceptance dispatched within the prescribed time and also execute agreement required in this regard.

2. I/We have understood the Instructions to Tenderers and General Conditions of Contract governing such contracts placed by Indian Council of Agricultural Research and its Research Institutes and the Special Conditions of Contract, and have thoroughly examined the details indicated in the Schedule to Tender thereof and am/are fully aware of the goods and/or services required and my/our offer to work/supply/provide the goods and/or services strictly is in accordance with the requirements.

3. D.D.No. _____ Dt. _____ for Rs. _____ (in words) Rupees _____ only) drawn on _____ (Bank) is enclosed towards Earnest Money Deposit.

The following pages have been added to and form part of this tender.

Yours faithfully,

Signature:


(STORES AND PURCHASE OFFICER)
ICAR-NAARM

Annexure - II

1. Server (High End) Specifications				
SNo	Description of Items		Technical Compliance	Remarks (If no, please give the
	The quoted model	Make & Model		
	Gartner Rating	The quoted Make should in then Leaders Quadrant of the Gartner		
1	Processor	1 x Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s , 11M Cache, Turbo, HT (85W) DDR4-2400		
	Form Factor	Form factor: Rack (4U)		
	Memory	1 x 32GB RDIMM 2666MT/s Dual Rank(16 DDR4 DIMM slots, Supports RDIMMs/LRDIMMs, speeds up to 2666MT/s, 1TB* max)		
	Storage	4 x 1TB 7.2K RPM SATA 6Gbps 512n 2.5in		
	Storage controllers	PERC H730P RAID Controller, 2GB NV		
	Drive bays	Front drive bays: Up to 10 x 2.5" SAS/SATA (HDD/SSD) with up to 4 NVMe SSD max 48TB or up to 4 x 3.5 SAS/SATA HDD max 56TB Optional DVD-ROM, DVD+RW		
	Power supplies	Dual, Hot-plug, Redundant Power Supply (1+1), 750W		
	Embedded management	iDRAC9 with Lifecycle Controller Enterprise		
	OpenManage™ Software	OpenManage Enterprise		
	I/O & Ports	2 x 1GbE LOM 1 dedicated iDRAC port Front ports: Video, 1 x USB 2.0, available USB 3.0		
Monitor, keyboard & Mouse	22" Monitor, USB Keyboard and Mouse			

Supported operating systems	Canonical® Ubuntu® LTS Citrix® XenServer® Microsoft Windows Server® with Hyper- V Red Hat® Enterprise Linux		
-----------------------------	--	--	--

2. Specifications of Server Medium (1 No.)

SN o	Specificatio n	Technical Compliance (Yes/ No)	Remarks (If no, please give the details)
1.	The quoted model		
2.	Gartner Rating : The quoted Make should in		
3.	Processor Intel® Xeon® W-series		
4.	Operating System Windows® 10 Pro for		
5.	Power Supply, 500 W @ 92% efficient		
6.	Graphics: Up to 2 x NVIDIA® Quadro® RTX		
7.	Memory: 4-CH, 4 X DIMM slots, up to 128 GB DDR4, 2666 MHz. ECC		
8.	Storage Capacity: Up to 12 total drives, Up to 4 internal storage bays		
9.	Max 3.5" HDD = 6 (60 TB)		
10.	On-board: 2 x PCIe SSD M.2 (up to 2 TB)		
11.	RAID Support: RAID 0, 1, 5, 10		
12.	NVMe RAID 0, 1 option (Intel RSTe vROC) via activation		
13.	Ports: Front: 2 x USB-C/Thunderbolt 3 (optional)		
14.	Front: 2 x USB 3.1 Gen 1 Type A		
15.	Front: Microphone, Front: Headphone , Rear: USB-C (optional)		
16.	Rear: Thunderbolt 3 (optional), Rear: 4 x USB 3.1 Gen 1 Type A		
17.	Rear: 2 x USB 2.0 Type A, Rear: 2 x PS/2, Rear: eSATA		
18.	Rear: Firewire (optional), Rear: Gigabit Ethernet, Rea: Audio line-in,		
19.	Rear: Audio line-out, Rear: Microphone		
20.	Intel® Wireless - N 7260 AC: 802.11 a/c, 2 x 2, 2.4 GHz / 5 GHz + Bluetooth® 4.0		
21.	Intel® Dual Band Wireless 8265 AC		
22.	PCI / PCIe Slots		
23.	2 x PCIe3 x 16		
24.	PCIe3 x 8 (open ended)		

25.	PCIe3 x 4 (open ended)		
26.	Dimensions (W x D x H) 6.9" x 16.8" x 14.8" / 175 mm x 426 mm x 375 mm (25 L)		
27.	Keyboard & Mouse: Wired USB Keyboard &		
28.	Warranty : Three Years On Site Comprehensive		

3. Desktop Computers - 10 Nos.

SNo	Item	Specification	Technical Compliance (Yes/No)	Remarks (If no, please give the details)
	The quoted model	The quoted model		
	Gartner Rating :	The quoted Make should in then Leaders Quadrant of the Gartner report		
1.	Processor	Intel Core i5-8600 (6 Cores/12MB/12T/up to 4.6GHz/65W)		
2.	Chipset	Intel® H370 Chipset		
3.	Bus Architecture	one 16x PCIe and 3 Full Height PCIe or more		
4.	Memory	8GB 1X8GB DDR4 2666MHz UDIMM Non-ECC		
1.	Hard Disk Drive	3.5" 1TB 7200rpm SATA Hard Disk Drive or Higher		
2.	Monitor	22" Monitor		
3.	Key board	104 keys Multimedia USB Keyboard (Same make as PC)		
4.	Mouse	2 Button Optical with USB interface (Same make as PC)		
5.	Bays	4 Nos or above		

6.	Ports	Tower/SFF 8 External USB: 4 x 3.1 Gen 1 (2 front, 2 rear) and 4 x 2.0 (2 front, 2 rear - 2 SmartPower On) Micro: 6 External USB: 4 x 3.1 Gen 1 (2 front/2 rear) and 2 x 2.0 (2 rear-1 SmartPower On) 1 - DP; 1 - HDMI; 1 RJ-45; 1 Optional 3rd Video Port; (VGA/DP/HDMI 2.0b); 1 Universal Audio Jack; 1 Optional Serial Port; 1 Line-Out		
7.	Cabinet	Tower - Tools Less chasis with 260W up to 85% efficient Power Supply (80Plus Bronze)		
8.	DVD ROM drive	8X or better DVD RW drive		
9.	Network facility	1Integrated Realtek RTL8111HSD-CG Ethernet LAN 10/100/1000 with remote booting facility remote system installation, remote wake-up,		
10.	Security	TPM enabled 1.2 chip using any standard management software.		
11.	Operating System	Windows 10 professional		
12.	Certifications	Windows 10 OS and Linux certification		
13.		Energy star		
14.	Power management	Screen blanking, hard disk and system idle mode in Power on,Set up Password, Power supply SMPS surge protected		
15.	Warranty	36 months NBD comprehensive onsite warranty		
16.	Regulatory Certifications	FCC, UL, Energy Saver, ROHS, Windows, Ubuntu Linux.		
	Warranty :	Three Years On Site Comprehensive		

4. Laser Printer (Network) - 1 No.

SN o	Specificati on	Technical Compliance (Yes / No)	Remarks (If no, please give the details)
1.	Printer Category: Laser		
2.	Type: Printer Only		
3.	Color or Monochrome: 1-pass color		
4.	Technology (for laser category only):		
5.	Connection Type: USB, Ethernet,		
6.	Maximum Standard Paper Size: Legal		
7.	Number of Cartridges: 4		
8.	Number of Ink Colors: 4		
9.	Direct Printing from Cameras: No		
10.	LCD Preview Screen: No		
11.	Rated Speed at Default Settings (Mono): 19		
12.	Rated Speed at Default Settings (Color):		
13.	Scanner Type: Flatbed with ADF (Standard or		
14.	Maximum Scan Area: 8.5" x 17"		
15.	Duty Cycle: 40000 pages per month		
16.	Input Capacity (printer input only): 300		
17.	Print Duplexing: Automatic		

5. Photocopier and Scanner - 1 No.

Technical Specification	Technical Compliance (Yes / No)	Remarks (If no, please give the details)
1. Print, Scan, Copy, Fax		
2. Print Resolution: 1200 x 2400 dpi		
3. Print Speed: 18 ppm		
4. Maximum Scan Resolution: 1200 dpi		
5. Maximum Document Size: 8.5 x 14"		
6. Mobile Printing Capability		
7. 15-Sheet ADF & 150 Sheet Input Tray		
8. 4.3" Color Touchscreen; Front USB		
9. Monthly Duty Cycle: 30,000 Pages		
10. USB 2.0, Ethernet, & Wi-Fi		

Note: This proforma should be filed in for each schedule/ item of schedule and submitted along with the bid without fail.

Signature and Seal of the Bidder:
Business Address:

N. Rajkumar
(STORES AND PURCHASE OFFICER)
ICAR-NAARM

Annexure - III

Data sheet for the quoted products

Sl. No.	Description of Item	Quoted Make & Model	Technical Brochure Enclosed or not (Yes/No)
1.	Server (High End)		
2.	Server (Workstation)		
3.	Desktop Computers		
4.	Laser Printer (Network)		
5.	Photocopier with Scanner		