



क्रय अनुभाग
वन अनुसंधान संस्थान
देहरादून-२४८००६
GSTIN 05AAAAI1708G2Z6
PAN NO. AAAAI1708G

Purchase Section
Forest Research Institute,
DEHRADUN-248006
Phone: 0135-2224205
http://fri.icfre.gov.in/tender/
Email: po_fri@icfre.org



Notice Inviting Tender (E-Publishing mode)

निविदा दस्तावेज/ Tender Document

Ref. No X-84/POFRI/GTI/MSB/AICRP/2019-20

Date: 12/03/2020

Physical Bids (Offline mode) under one bid system (Techno-Commercial) are invited from the reputed manufacturer /authorized supplier/dealer for the following items. The bids complete in all respect must reach by By-post/By-hand/By-Courier etc., to the Purchase Officer, Purchase Section, Forest Research Institute, P.O. New Forest, DEHRADUN-248006 Uttarakhand, India on or before:

Date	27-03-2020	Time	03:00PM
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वस्तु की तकनीकी विशिष्टताये / Technical Specification of item:

Sr. No.	Name of item / Specifications/	Quantity	Warranty	EMD (Rs.)	Tender Fee (Rs.)
1.	Supply & Installation of Work Station with accessories	02 Nos.	As per Specifications	20,000/-	590/-

(For Detailed Technical Specification Plz refer Annexure-VI)

नोट-1: कृपया वस्तु का मूल्य एवं कर अलग-अलग दर्शाए / Please quote the rate & Taxes of the item separately.

Note-2: E-way bill is to be issued by the Venders/Transporter

Note-3: The HSN / SAC Code of the item must be mentioned.

For Reasonability of Rates, The firm must enclose the last two supply orders for the same item with Financial Bid (Annexure-IV) only.

Technical Clarifications:	Dr. Maneesh Singh Bhandari	Genetics & Tree Improvement Division , FRI Dehradun	Ph: 0135-222-4383, Mob. No. 9411595309 Email: maneesh31803@gmail.com
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Critical Date Sheet

1.	Published Date	12.03.2020 5.30 P.M	FRI website and CPP portal: https://www.eprocure.gov.in/epublish/app
2.	Bid Document Download Start Date	12.03.2020 6.00 P.M	At CPPP Portal as above
3.	Bid Submission Start Date	13.03.2020 10.00 A.M	At CPPP Portal as above
4.	Seek Clarifications Start Date	13.03.2020 10.00 A.M	Through Ph/Email
5.	Seek Clarification End Date	25.03.2020 5.00 P.M	Through Ph/Email
6.	Bid Submission End Date	27.03.2020 3.00 P.M	At Purchase Section, Main Building, FRI
7.	Bid Opening Date	27.03.2020 4.00 P.M	At Purchase Section, Main Building, FRI

Chapter-1: Instruction to bidders

A. The Tender should be enclosed with proper certifications like Agency Certification, Authorization certificate and /or Proprietary Certificate, as the case may be, in support of your offer.

B. बोली का जमा किया जाना / Submission of Bids:

- The bids should be submitted with Annexure-I, II, III, IV, V and VI with Supporting/Required documents in one single duly sealed envelope labeled on the left hand top corner of their envelope mentioning followings:

Ref. No X-84/POFRI/GTI/MSB/AICRP/2019-20

Bid Submission End Date/Time: 27-03-2020 by 03:00 PM

Name (in full) and complete address of the firm should be mentioned on left hand bottom corner of the covering envelop.

- 2) The bids should be printed on **official pad** preferably with GST Number of the firm.
- 3) The quotations should bear full details and where possible may be duly supported with catalogues, pamphlets, literature, samples of the item/items as the case may be for comparing the quality and rates of the item(s).
- 4) Quotation received after the closing date and time shall not be considered.
- 5) The transportation cost, insurance charge etc., if any, Percentage/ rate of GST or all other taxes and duties should be clearly mentioned.
- 6) The bids / rates / tenders should remain valid for a minimum period of 45 days from the date of opening.
- 7) **Since this purchase being for research purpose, the Forest Research Institute, Dehradun is registered in DSIR, New Delhi; it is therefore exempted from the payment of custom duty and concessional GST @5% against DSIR certificate as per the Govt. Rules. The bidder should quote accordingly.**
- 8) There should not be any over-writing or cutting on rates quoted. However, all cutting/corrections must be duly authenticated else the offer will be rejected.
- 9) The rates shall not be subject to escalation of any nature.
- 10) The rates quoted should be applicable to educational institutions and any cost advantage received in lieu thereof should be passed on the Institution.
- 11) While quoting/ sending rates, the firm shall give an undertaking as per Annexure-II.
- 12) The quotations should be given for the items in the same order as in the enquiry letter.

C. निविदा शुल्क/ Tender Fee एवं/and अग्रिम धन राशि / Earnest Money Deposit (EMD)

The Technical Bid should accompany **non-refundable Tender Fee in form of Demand Draft only** and an **EMD in the form of FDR only of the value mentioned at the first page of this tender document only for the equipment(s) bidding by the bidder as the case may be**, issued from any of the Commercial Banks of India drawn in favour of **"Director, Forest Research Institute, Dehradun"** valid 90 days beyond the validity period of bid. The Bidder have to mentioned the Tender Fee and EMD details as per quoted item(s) and the hard copy of these payment(s) along with the bid proposal should be deposited to the Purchase Officer, Purchase Section, Forest Research Institute, Dehradun -248006 on or before the Bid Submission end date- time as mentioned in Critical date sheet.

Exemption on submission of Tender Fee/EMD will be given against valid MSME/NSIC certificate under valid category and within the validating period of the certificate.

The earnest money shall be refunded to all the unsuccessful firms, without any interest after finalization of the contract.

EMD shall be refunded to the successful firm on receipt of PBG/Security Deposit. No interest is payable on the EMD to either the successful firms or the unsuccessful firms.

D. निष्पादन बैंक प्रत्याभूति / Performance Bank Guarantee (PBG):

5% of the cost price in the form of Bank Guarantee or FDR pledged in favour of **"Director, Forest Research Institute, Dehradun"** is required to be submitted by successful bidder before the delivery / installation works complete of the item(s) which should remain valid at least during the warranty period plus sixty days. No interest shall be claimed by the bidder on the PBG submitted. The Bank Guarantee may be forfeited in case of improper services provided by the bidder/firm and duly certified by the concerned Consignee/HOD.

E. बोलियों का खोला जाना/Opening of Bids:

- 1) The Bids will be opened as given below. Representatives of the firms (s) may be present at the time of opening the technical bid if they so desire at below schedule (No information shall be given to the late arrivals regarding the bids):

Bid Submission Opening Date/Time:	27-03-2020	04:00 PM	Venue: Purchase Section, Main Building FRI Dehradun
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Chapter-2: Conditions of Contract

A. कार्य अनुबन्ध / Award of Contract:

The final selection of the bidder for the award of the contract will be made on the basis of the evaluation of techno-commercial proposal submitted by the prospective qualified bidders.

B. पूर्व आपूर्ति निरीक्षण/ Pre-supply Inspection:

Authorized representative of the Institute shall make the final inspection before supply of the item at site of the firm, if required.

C. वस्तु की आपूर्ति / Supply of Item:

The whole supply as per order shall have to be completed within the time mentioned in the order failing which the FRI Dehradun shall have the right to accept or reject any quantity of items ordered. The firm will have to arrange for supply of the material/ equipment in good condition.

D. भुगतान की शर्तें / Payment Terms:

1) Payment in INR for supply of goods:

Where installation is not required: 100% payment will be made after satisfactory delivery of material duly certified by the HOD.

OR

Where installation is required: 100% payment will be made after satisfactory delivery and installation of the material duly certified by the HOD.

OR

100% Advance will be paid against submission of 110% Bank Guarantee of the Total Order value.

2) Payment in INR for AMC/CMC/Service:

Quarterly/Half yearly after satisfactory completion of work/service duly certified by the H.O.D./P.I.

3) Payment in Foreign Currency for supply of goods:

Payment will be made as below after deducting Indian Agency Commission (if any). IAC is payable in Indian Rupee after satisfactory installation.

(i) Payment through Letter of Credit (LC).

(ii) Payment 100% through Sight Draft

(iii) Payment through Wire transfer after receipt of material in good condition.

4) Payment in Foreign Currency for AMC/CMC/Services:

Quarterly/Half yearly after satisfactory completion of work/service duly certified by the H.O.D./P.I. through wire transfer.

E. दंड/ Penalty:

A penalty of 0.5% of the total order value per week shall be levied for the delay subject to a maximum of 5% of the total order value.

In case of the non-supply of the item after the acceptance of the work/supply order, EMD will be forfeited by the Institute.

F. अप्रत्याशित घटना/ Force Majeure:

For the purpose of and within the scope of contract by way of indication and not of limitation, the term "Force Mejeure" shall mean acts of nature, strikes, lockouts, or other industrial disturbances, act of public/enemy, wars, blockades, insurrection, riots, epidemics, landslides, earthquakes, storms lightening, flood, washouts, civil disturbances, explosion and any other similar even not within the control of either party on which by exercise of due care and diligence neither party is able to prevent or overcome.

G. मध्यस्थता/Arbitration:

In the event of any difference or dispute arising out this work, all effort shall be made by both the parties to settle the same amicably. Failing an amicable settlement, the dispute shall be finally settled through arbitration conducted under the Arbitration and Conciliation Act 1996, by arbitrators appointed in accordance with the said Act. The arbitration shall give reasoned and speaking award. All disputes are subject to Dehradun jurisdiction only.

H. बोली अस्वीकृती के लिए मानदंड/ Criteria for bid rejection:

- 1) If not received on or before due date and time.
- 2) If technical bid found without the required undertaking (Annexure-II).
- 3) If it found at a later date that any information given in the bids is incorrect/false then the bid is liable to be disqualified/rejected.
- 4) Canvassing in any form will result in disqualification.
- 5) If "extra, as actual" etc. are mentioned against any of the price components in the bid the bid will be rejected.
- 6) If any bidder submitting two/multiple bids for the same of a tender, both/all the bids if that bidder will be outrightly rejected.
- 7) If the firm quotes 'NIL' charges/ consideration, the bid shall be treated as unresponsive and will not be considered.

I. सत्यनिष्ठा संहिता /Code of Integrity

False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for upto 2 years as per rule 151 (iii) of the General Financial Rules along-with such other actions as may be permissible under law.

Chapter-3: Schedules of requirements

A. टिप्पणी/Note:

- 1) If the Supplier/firm is manufacturer/authorized dealer/sole distributor/of the item, the certificate to this effect should be attached.
- 2) **Annexure-I, II, III, IV, V & VI have to be submitted with Bid.**
- 3) It may also be noted that the tender bids received after the stipulated date & time or found incomplete and tender bids containing false/incorrect information shall be summarily rejected. The Institute shall not entertain any communication in this regard, whatsoever.
- 4) The firm is required to give its Bank Account details with IFSC for the purpose of making e-payment.
- 5) The Forest Research Institute (FRI) Dehradun reserves the right to reject any quotation wholly or partly without assigning any reason.
- 6) The quantity shown against the item is approximate and may vary as per demand of the Institute at the time placing order.
- 7) The decision of the Institute in all matters relating to eligibility, acceptance, rejection of the bid will be final and binding on the applicants.
- 8) Forest Research Institute (FRI) Dehradun discourages High Sea Sale Purchase. All tenders with High Sea Sale will be rejected.
- 9) The firms should clearly mention (in the financial bid) the Harmonized System of Classification (HS code) defined by the Central Custom and Excise Board (Govt. of India) for the item (s) involving import, if applicable.
- 10) **If the due date happens to be a holiday, then the bid will be accepted till 03.00 PM and opened at 04.00 PM of the next working day followed by the holiday.**
- 11) If an agent submits bid on behalf of the Principal/OEM, the same agent can not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
- 12) **Indian Agent should submit the certificate from the Foreign Principal that they are the Authorized & Registered Indian Agent.**
- 13) The quantity shown in the tender can be increased or decreased to any extent depending upon the actual requirement. Any corrigendum/addendum/errata in respect of the Tender Notice/ Enquiry letter shall be made available only at our Institute website <http://fri.icfre.gov.in/tender/>. Hence prospective bidders are advised to visit the Institute website regularly.
- 14) Bidders shall be responsible for the correctness of the information provided in the enquiry letter/tender document. If it is found at a later date that any information given in the bid is incorrect/false then the bid is liable to be disqualified/rejected.
- 15) Institute will not be responsible for non-receipt of bid(s) within the stipulated date due to any postal delay or delay for any other reason in transit.
- 16) Before submission of bids, bidders should read the complete enquiry letter/tender document carefully and ensure that the bidders fulfill the eligibility criteria.
- 17) In case the item /product is under rate contract with DGS&D or GeM, then bidder should certify that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.
- 18) In case calculation mistakes are found in the financial bid, then calculation shall be made by the Institute on the basis of rate per unit quoted by the bidders will be processed further.
- 19) The Institute reserves the right to rectify any discrepancy of this advertisement, if found later on. In case of any inadvertent mistake in the process which may be detected at any stage even after the issue of purchase order, the Institute reserves the right to modify/withdraw/cancel any communication made to the bidder.

Chapter-4: Specification and allied Technical details

Plz. See Annexure-I, II, III, V & VI

Chapter-5: Price Schedule (to be utilized by the bidders for quoting their prices)

Plz. See Annexure- IV

Chapter 6: Contract Form

Purchase Order is used as Contract Form

Chapter-7: Other Standard Forms, if any to be utilized by the purchaser and bidders

Plz. See Annexure -V


[PURCHASE OFFICER, FRI]

तकनीकी बोली

(To be given on Company Letter Head)

विस्तृत विवरण अनुपालन रिपोर्ट के साथ प्रस्तुत किया जाना है (अपने आधिकारिक लेटरहेड पर विक्रेता/ फर्म द्वारा प्रस्तुत करने के लिए)
 Detailed specification cum compliance report to be submitted with the Technical Bid
 (to be submitted by the vender/firm on its official letter head)

(For Detailed Technical Specification Plz refer Annexure-VI)

Sr. No.	Name & Required Specifications of item (s)	Qty.	EMD	Offered specification of item (s) by the firm

	Firm's Profile
1)	Manufacturer/Authorized Agent/Distributor/Dealer/Supplier (Valid certificate must be attached)
2)	E-mail ID & Telephone/Mobile No. Detail of Bank A/C
Note:	(i) "Offered specification" should be filled up properly in the format provided as per Annexure-I
	(ii) Volume & Weight of the item should also be mentioned.
	(iii) The HSN / SAC Code of the item must be mentioned.

Signature:

Name:

Designation:

Seal of the Organisation

उपक्रम/UNDERTAKING
TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,

Director
 Forest Research Institute
 Dehradun-248006

Sub: Acceptance of Terms & Conditions of Tender.

Ref. No X-84/POFRI/GTI/MSB/AICRP/2019-20

Date: 12/03/2020

Agreement/Contract Form

Dear Sir,

- (i) I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
- (ii) The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter
- (iii) I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
- (iv) I / We do hereby declare that our Firm has not been blacklisted/ debarred / banned by any Govt. Department/Public sector undertaking.
- (v) I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.
- (vi) It is certified that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.

Signature:

Name:

Designation:

Seal of the Firm/Agency

CHECK LIST

Sl No	(A) Qualifying documents	Yes/No	Page No.
1.	Whether TENDER FEE in shape of Demand Draft in favour of Director, Forest Research Institute, Dehradun OR Signed copy of Exemption certificate like MSME, KVIC, NSIC etc with mentioning the validity date, is Attached?		
2.	Whether EMD for applicable item No. (s) of Amount(s) in shape of FDR in favour of Director, Forest Research Institute, Dehradun attached OR Signed copy of Exemption certificate like MSME/ NSIC/KVIC etc with mentioning the validity date, is Attached?		
3.	Whether Signed copy of AUTHORIZATION certificate issued by the manufacturer, if applicable, Attached?		
4.	Whether Signed copy of PAN card Attached?		
5.	Whether Signed copy of GST certificate , if applicable, Attached?		
6.	Whether Signed copy of Affidavit of PARTNERSHIP DEED , if applicable, Attached?		
7.	Whether Signed copy of AUDITED BALANCE SHEET of last two years, Attached?		

Sl No	(B) Technical Documents	Yes/No	Page No.
1.	Whether duly Signed/ Stamped copy of tender document along with all Annexure (I, II, III, V and VI) by the authorized signatory Attached?		
2.	Whether CATALOGUE of the quoted item(s) Attached?		
3.	Whether USER LIST OF INSTITUTES/ORGANIZATIONS where the quoted model of item(s) supplied by the bidder in India along-with supportive documents from the users for the satisfactory performance and after sales service, is Attached?		
4.	Whether the firm uploaded the last two supply orders for Reasonability of Rates?		
5.	Whether scanned copy of supportive documents from the Principal regarding all specifications certified and guaranteed for GENUINENESS & BRAND NEW ITEM and that the model of the equipment is NOT GOING TO BE OBSOLETE in near future (5 years) is Attached?		
6.	Whether supportive documents from the Principal regarding AVAILABILITY OF SPARES/PARTS for next five years are Attached?		

Note:

1. It is compulsory to fill the above check list with pagination.
2. The document should be submitted/uploaded **online** in CPP portal in the above order of the check list and place the check list as cover page with pagination of documents. In case of **Offline tender (physical bids)** the tender fee and EMD should be submitted physically with tender document in a separate sealed cover super-scribed as Tender Fee and EMD for Tender No. & Item Name, addressed to: Purchase Officer, Purchase Section Forest Research Institute, Dehradun-248006
3. In the absence of any of the qualifying documents, the bid shall be rejected.

Signature:

Name:

Designation:

Seal of the Firm/Agency

Financial Bid
(To be submitted by the vendor/firm on its official letter head)

Ref. No X-84/POFRI/GTI/MSB/AICRP/2019-20

Dated: 12/03/2020

Rates:						
Sr. No.	Name of item / Specifications/	Qty.	Unit Rate (Rs.)	Amount (Rs.)	*GST etc. @.....%	TOTAL (Rs.)
1.	Supply & Installation of: Workstation 2Nos with Display Monitor-2Nos, UPS-2Nos, AC-2Nos, Printers-2Nos, MSOffice Profession-2Nos User License as per specification at Annexure-VI.	01				
Total						
Grand Total Rs.						

* For Research purpose(s) Concessional GST @ 5 % will be applicable with concessional GST Certificate provided by FRI, Dehradun.

- 1) Price of the items should be clearly mentioned if supplied Free of Cost.

Term & Conditions:

Prices (if quoted in Rs.):

FOR FRI, DEHRADUN

1. Payment:

2. Validity:

3. Delivery period:

4. Other Charges:

5. Warranty:

6. Rejection:

7. Penalty Clause:

As per Specification

Equipment if found not as per the required specification would be rejected.

As per clause-E of enquiry letter.

In case of the non-supply of the item after the acceptance of the work/supply order, EMD will be forfeited by the Institute.

8. PBG:

5% of the cost price in the form of Bank Guarantee or FDR pledged in favour of "Director, Forest Research Institute, Dehradun" is required at the time of installation of the equipment which should remain valid at least during the warranty period plus sixty days.

It is certified that the rate quoted is not over and above (higher side) the rates under RC with DGS&D or GeM.

Signature:

Name:

Designation:

Seal of the firm/Organisation

COMPLIANCE SHEET

TECHNICAL SPECIFICATION

Sl. No.	Technical Specifications	Compliance Y/N	Deviation, if any

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

Specifications: Workstation with accessories

Item No. 1:	
1.1. Workstation (2 Nos.)	
Processor (Dual)	1*2 Intel® Xeon® Bronze 3106 (8 Core, 1.70 GHz, 11MB)
RAM	RAM CTD 2*32 = 64 GB DDR4 2666 MHz LP ECC REG DIMM (24 DIMM slots)
HDD	HDD(s) 2x2000 GB, 7.2RPM Enterprise SATA 3.5" Hard Drive
Hard Drive	256 SSD
GPU	GeForce RTX 2070 AMP Extreme Core, 8GB GDDR6 256-bit RGB LED Metal Wrap Backplate Graphics card
NIC	2 x Gigabit (10/100/1000Mbps) Ethernet ports on-board
Operating System (Factory Pre-Loaded)	Windows 10 Professional 64 bit
Wireless Connectivity	Yes
Bluetooth Connectivity	Yes
1.2. Display Monitor-1 (1 No.)	
Technology	LED Backlit
Screen Size (Diagonal) (inch)	23.8-24
Touch Enabled	Yes
Panel Type	In Plane Switching (IPS)
Resolution (Pixels)	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Antiglare Coating	Yes
VGA Port	Available
HDMI Port	Available
Display Port	Available
Power Consumption in Operating Mode (Maximum) (Watt)	57
Screen cover	1 (make: cotton)
Warranty	5-year for parts and 3 years for free service (maintenance) i.e., 6 service (each 6 months) in a span of 3 years after installment.
1.3. Display Monitor-2(1 No.)	
Screen Size (Diagonal) (inch)	23.8-24
Technology	LED Backlit
Panel Type	In Plane Switching (IPS)
Resolution (Pixels)	1920 x 1080 (Full HD)
Camera	Yes
Integrated Speakers	Yes
Aspect Ratio	21:9
Antiglare Coating	Yes
VGA Port	Available
HDMI Port	Available
Pivot rotation	Yes

Screen cover	1 (make: cotton)
Warranty	5-year for parts and 3 years for free service (maintenance) i.e., 6 service (each 6 months) in a span of 3 years after installment.
Power Consumption in Operating Mode (Maximum) (Watt)	57
1.4. Keyboard and Mouse (wireless) (2 Nos.)	
Keyboard Type	Standard keyboard
Mouse Type	Optical Movement Detection Technology
Mouse Pad	Yes
Keyboard Connectivity	Wireless
Mouse Connectivity	Wireless
Interface port for both Keyboard and Mouse	USB 2.0
Number of keys on keyboard (Nos)	105
Number of buttons in mouse (Nos)	2
Warranty (Years)	2

Item No. 2: UPS (2 Nos.)	
KVA	3 KVA
Backup time (120 Minutes)	2 hours
Warranty	2-year for battery and 3 years for free service (maintenance) i.e., 6 service (each 6 months) in a span of 3 years after installment.

Item No. 3: Air Conditioner (2 Nos.)	
Type of Air	High wall Split AC
Technology of AC	Inverter (Variable Speed)
Nominal cooling capacity in Ton / (kcal/hr)1.5 Ton / 4500 kcal/hr	Nominal cooling capacity in Ton / (kcal/hr)1.5 Ton / 4500 kcal/hr
Coil Material	Copper
BEE Star Rating	5
Conformity to Indian Standard	IS 1391 latest
Warranty on Machine	2 years
Warranty on Compressor	5 years
Warranty	3-year for parts and 3 years for free service (maintenance) i.e., 6 service (each 6 months) in a span of 3 years after installment.

Item No. 4: Printer (Coloured) (2 Nos.)	
4.1. A4 Printer: 1No.	
Color output	Color printing
Product type	Laser printers
Printing	A4
Functions	Print, scan, copy and fax, both side printing
Display	8.89 cm (3.5) touchscreen, LCD (colour graphics)
Processor speed	800 MHZ
E-print capability	Yes

Printing capability	ePrint; Wireless Direct Printing
Wireless capability	Yes, built-in Gigabit 10/100/1000T Ethernet, Wi-Fi 802.11b/g/n
Memory	256 MB
Type of Machine	Multifunction Machine
Network ready	Standard (built-in Fast Ethernet, WiFi 802.11 b/g/n)
Duplex printing	Automatic (standard)
Scanner type	Flatbed, ADF
Duplex scanning	Yes, dual head duplexing, color scan
Cable included	Yes, 3 USB
Media types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, pre-punched, recycled, rough), postcards, transparencies, labels, envelopes
Printer Cover	1 (cotton)
Warranty	5-year for parts and hardware; 3 years for free service (maintenance) i.e., 6 service (each 6 months) in a span of 3 years after installment.
Cartridges	2
4.2. A3 Printer: 1No.	
Print technology	Laser (Color)
Print Type	Print Only
Media Size	A4 and A3
Standard connectivity:	2 Hi-Speed USB 2.0, 1 Hi-Speed USB 2.0 Device, 1 Gigabit Ethernet 10/100/1000 Base-T, 1 Hi-Speed USB 2.0 Easy Access Walkup Port, 1 Hardware Integration Pocket (HIP)
Control panel	LED panel
Automatic two-sided printing	Yes
Processor speed	800 MHz
Media Types	Paper (color, letterhead, light, plain, pre-printed, pre-punched, recycled, rough, tough paper), bond, cardstock, envelope, labels, transparency, vellum
Media Sizes	A4 and A3
Network Ready	Standard (built-in Ethernet)
Operating systems	Microsoft® Windows® 8, Windows® 7, Windows Vista®, Windows XP® (SP2+), Windows® Server 2003 (SP1+), Windows® Server 2008 (32 and 64-bit), Windows® Server 2008 R2 (64-bit); Mac OS X v10.6, 10.7
Warranty	Three -year, on-site warranty

Remarks:

1. **Portability:** The system has a USB port to transfer data from one machine to another.
2. The work station system also requires Microsoft Office Version 2019 or above.
3. Warranty is respective for each item under work station
4. Rs. 50,000.00/- will be differed and given to the seller only after 9 months of the satisfactory work of all the items purchased under equipment work station from the date of installment only.
5. Timely service criteria will also come into the foray for the remark 3, otherwise the company will be black-listed and obsolete from the further purchase of any items from Forest Research Institute, Dehradun for a minimum of 10 years.

