

ANDREW YULE & COMPANY LIMITED
(A Government of India Enterprise)
Tea Division
8, Dr. Rajendra Prasad Sarani
Kolkata – 700 001

NOTICE INVITING TENDERS

ANDREW YULE & CO. LTD. invites e-Tender under two part system (**Part I: Techno-Commercial Bid and Part II: Price Bid**) from bona fide and reputed **Company/Firm** for supply, the details of which are available in Annexure-III “**Scope of Work / Technical Specification**” as specified in this tender document.

Tender document may be downloaded from MSTC website www.mstcecommerce.com/eprochome/aycl or www.andrewyule.com. Corrigenda or clarifications, if any, shall be hosted on the above mentioned websites only. AYCL reserves the right to accept or reject any tender.

Schedule of Tender

1.	TENDER NO.	TED/Capital/2016/060 Dated. : 01.06.2016
2.	MODE OF TENDER	e-Procurement System Online submission of Part I - Techno-Commercial Bid and Part II - Price Bid through www.mstcecommerce.com/eprochome/aycl The intending bidders are required to submit their offer electronically through this e-tendering portal. No physical tender is acceptable by AYCL/MSTC
3.	E-Tender No. / Event No.	AYCL/TEA DIVISION/01/16-17/ET/39
4.	Date of publication of e-Tender through publication MSTC/AYCL websites and Central Public Procurement Portal	10/06/2016
5.	Date of availability of NIT to the Vendors for downloading	24/06/2016
6.	Earnest Money and other document	<ul style="list-style-type: none"> • “Earnest Money Deposit” of Rs.20000.00 (Rupees twenty thousand only) may be paid by Cheque/D.D. favouring Andrew Yule &Co Ltd., payable at Kolkata. • Other document as described in Annexure – I, Sl. No. 2

7.	Last date of submission of EMD & other documents to AYCL Ltd.	04/07/2016
8.	Date of Starting of e-Tender for submission of Online Techno-Commercial Bid and Price Bid at www.mstcecommerce.com/eprochome/aycl	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
9.	Date of closing of Online e-tender for submission of Techno-Commercial Bid & Price Bid at www.mstcecommerce.com/eprochome/aycl	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
10.	Date & time of opening of Part-I (Techno-Commercial Bid)	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
11.	Date & time of opening of Part-II (Price Bid)	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.

List of Annexure

Important Instructions for E-procurement -	Annexure-I
General Information-	Annexure-II
Scope of Work / Technical Specification/ General Terms& Conditions	Annexure-III

ANDREW YULE & COMPANY LIMITED
Tea Division
Important Instructions for E-procurement
Ref. E-Tender No.: AYCL/TEA DIVISION/01/16-17/ET/39
Ref. Tender No.: TED/Capital/2016/060

This is an e-procurement event of *ANDREW YULE & COMPANY LTD Ltd.*

You are requested to read the Terms & Conditions (Annexure- II,III) of this tender before submitting your online tender. Tenderers who do not comply with the Conditions with documentary proof (wherever required) will not qualify in the Tender for opening of Price Bid.

1. Process of E-tender:

A) **Registration:** The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Techno-Commercial Bid as well as Price Bid over the internet will be done. The Vendor should possess Class III signing type Digital Signature Certificate. Vendors are to make their own arrangement for bidding from a PC connected with Internet. MSTC is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).

SPECIAL NOTE: THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.mstcecommerce.com/eprochome/aycl

- 1) Vendors are required to register themselves online with www.mstcecommerce.com → e-Procurement → PSU / Govt. depts. → Register as Vendor under AYCL- Filling up details and creating own user id and password → Submit.
- 2) Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.

In case of any clarification, please contact MSTC/AYCL (before the scheduled time of the e-Tender).

Contact person for Techno Commercial clarification(ANDREW YULE & COMPANY LTD):

1. Mr. Partha Mukherjee
Manager (EDP & MIS/CSR) Tea
Mobile No: 9830586469
Email: partha.mukherjee@andrewyule.com

Contact person (E-Commerce, MSTC Ltd):

1. Mr. Arindam Bhattacharjee
Deputy. Manager (E-commerce)
MobileNo: 09330102643
Email: arindam@mstcindia.co.in

2) Mr. Sabyasachi Mukherjee
Assistant Manager (E-commerce)
Mobile- 07278030407
Email:smukherjee@mstcindia.co.in

3. Ms Sumona Maity
Management Trainee (E-Commerce)
Mobile-09831155225
Email: smaity@mstcindia.co.in
Landline: (033) 22901004

System Requirement:

- i) Windows XP-SP3 or above / Windows 7 Operating System
- ii) IE-7 or above Internet browser.
- iii) Signing & Encryption type digital signature
- iv) JRE 7 update 79 software to be downloaded and installed in the system. Security level should be medium
- v) To enable ALL active X controls and disable 'use pop up blocker' under Tools → Internet Options → custom level (Please run IE settings from the page www.mstcecommerce.com once)

2. **Part-I: Submission** of EMD & other Documents:

Within specified Date & time the vendor must submit the following documents to DGM(Materials) Tea Division, Andrew Yule & Co. Ltd., 8 Dr. Rajendra Prasad Sarani, Kolkata – 700001. Off-line.

- Earnest Money of Rs.20000.00 (Rupees twenty thousand only) by Cheque/DD favouring Andrew Yule & Co. Ltd. Payable at Kolkata
- General information, under Annexure-II complete in all respect along with desired information and document.
- Acceptance of Scope of Work/Technical Specification, under Annexure-III alongwith relevant information and documents without Price Sheet.

In case of failure to submit the EMD and other document within the stipulated time, the Tender may be rejected.

Part-II: Online Bid submission: On the basis of submission of EMD and other Documents at Andrew Yule & co , the list of vendors who will participate in online Techno commercial and price bid submission will be finalized .Only those qualified bidders will be eligible to submit Online Techno-commercial and price bid.

Bidding in e-Tender:

- a. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by ANDREW YULE & COMPANY LTD.EMD to be paid along with the Document with in the last date as mentioned in SOT.
- b. The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid.
- c. The bidder(s) who have submitted the EMD and documents to Andrew Yule will be short listed by Andre Yule and those qualified bidders can only submit their Techno Commercial Bids and Price Bid through internet in MSTC website www.mstcecommerce.com → e-procurement → Psu / Govt depts. → Login under AYCL→ My Menu → Auction Floor Manager → live event → Selection of the live event.
- d. The bidder should allow to run an application namely enApple by accepting the risk and clicking on run. This exercise has to be done twice immediately after opening of Bid floor. Then they have to fill up Common terms /Commercial specification and save the same. After that clicking on the Techno-Commercial bid, if this application is not run then the bidder will not be able to save / submit his Techno-Commercial bid.
- e. After filling the Techno-Commercial Bid, bidder should click 'save' for recording their Techno-Commercial bid. Once the same is done, the Price Bid link becomes active and the same has to filled up and then bidder should click on "**Save**" to record their Price Bid. Then once both the Techno-Commercial bid & Price Bid has been saved, the bidder can click on the "**Submit**" button to register their bid.
- f. Vendors are instructed to use link in **My Menu** to **Upload Documents** in document library. Multiple documents can be uploaded. Maximum size of single document for upload is 5 MB.
- g. Once documents are uploaded in the library, vendors can attach documents through *Attach Document* link against the particular tender. For further assistance please follow instructions of vendor guide.
- h. In all cases, bidder should use their own ID and Password along with Digital Signature at the time of submission of their bid.
- g. During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.

- h. The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.
- i. Techno-Commercial bid will be opened electronically on specified date and time as given in the NIT. Bidder(s) can download Technical Comparative statement.
- j. Price bid will be opened electronically on specified date and time given in the NIT. Bidder(s) can download Price Comparative statement.
- k. All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
- l. All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid bid offered by that bidder and acceptance of the same by the Buyer will form a binding contract between Buyer and the Bidder for execution of supply. Such successful tenderer shall be called hereafter **SUPPLIER**.
- m. It is mandatory that all the bids are submitted with Digital Signature Certificate otherwise the same will not be accepted by the system.
- n. Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.
- o. No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any bidder confirms his acceptance of terms & conditions for the tender.
- p. Unit of Measure (UOM) is indicated in the e-tender Floor. Rate to be quoted should be in Indian Rupee as per UOM indicated in the e-tender floor/tender document.

E-tender cannot be accessed after the due date and time mentioned in NIT.

All notices / corrigendum and correspondence to the bidder(s) shall be sent by email only during the process till finalization of tender by ANDREW YULE & COMPANY LTD/MSTC LTD. Hence the bidders are required to ensure that their corporate email I.D. provided is valid and updated at the stage of registration of vendor with MSTC. Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).

Any order resulting from this open e-tender shall be governed by the terms and conditions mentioned therein.

No deviation to the technical and commercial terms & conditions are allowed.

ANDREW YULE & COMPANY LTD has the right to cancel this e-Tender without assigning any reason thereof.

The online tender should be submitted strictly as per the terms and conditions and procedures laid down in the website www.mstcecommerce.com/eprochome/aycl of MSTC Ltd.

The bidders must upload all the documents required as per terms of NIT. Any other document uploaded which is not required as per the terms of the NIT shall not be considered.

The bid will be evaluated based on the filled-in technical & commercial formats.

Bidders are requested to read the vendor guide and see the video in the page www.mstcecommerce.com/eprochome/mstc of MSTC Ltd. to familiarize them with the system before bidding.

Notice Inviting Tender:
Ref. E-Tender No.: AYCL/TEA DIVISION/01/16-17/ET/39
Ref. Tender No.: TED/Capital/2016/060

Andrew Yule & Co. Ltd., Tea Division, wishes to procure new computers and its associated peripherals for its Head Office at Kolkata and Tea Gardens located in the State of West Bengal and Assam.

Offers are invited from reputed and competent OEMs / dealers of such OEMs for supply of such items at specified locations.

Manufacturers/Suppliers interested to participate in the above Tender will have to :

- a) Get themselves registered (free of cost) as supplier with www.mstcecommerce.com/eprochome/aycl, our service provider.
- b) Submit the following document to Dy. General Manager (Materials), Tea Division, within 15 days from the date of publication of advertisement, off line -
 - General Information Sheet complete in all respect duly signed and stamped.
 - Earnest money of Rs.20000/- by Draft favouring Andrew Yule & Co. Ltd., payable at Kolkata.
 - Technical specification sheet, with all desired details, duly signed and stamped as token of acceptance.
 - Commercial Terms & Conditions Sheet, duly signed and stamped as token of acceptance.

The following pre-qualification criteria would apply, which may be relaxed at the sole discretion of Andrew Yule & Co. Ltd.

- The Bidder should be an original equipment manufacturer (OEM) having 8/10 years of manufacturing experience / authorized channel partners of such OEM and holding authority to deal with Andrew Yule & Co. Ltd. on behalf of the manufacturer, for the product quoted for. This should be supported by appropriate documentary evidence.
- The Bidder shall be a registered Company and posses valid sales tax / service tax registration certificates.
- The OEM/Bidder should have own local support office / franchisee presence for the locations namely Kolkata, Siliguri, Dibrugarh, Jorhat and should be able to provide a Computer Service Engineer as and when required.
- Key board, monitor and mouse should be of the same OEM make as the base PC.
- The Total procurement plan have been categorized under 3 groups as under.

Group "A"	---	For Head Office
Group "B"	---	For West Bengal based Tea Gardens
Group "C"	---	For Assam based Tea Gardens.

It is mandatory to bid for all items under a particular group, if / as chosen.

General Information**Ref. E-Tender No.: AYCL/TEA DIVISION/01/16-17/ET/39****Ref. Tender No.: TED/Capital/2016/060**

The applicants are required to furnish full information to the queries included in this form. In giving the particulars, the supporting documents/certificates as called for per queries at places, must be tagged with the application for evidencing the information furnished in the application.

1. Particulars of Company

- 1.1 Name of the Company :
- 1.2 Nature of business : OEM / Dealer / Distributor
- 1.3 Full address :
- 1.4 Phone No. :
- 1.5 Fax No. :
- 1.6 E-mail ID :

2. Details of Certificate

SI No.	Particulars	Registration No.	Remarks
1.	Income Tax		Copy of Registration Certificate / PAN Card to be attached
2.	Central Sales Tax		Copy of Registration Certificate to be attached
3.	State Sales Tax		Copy of Registration Certificate to be attached
4.	Service Tax		Copy of Registration Certificate to be attached
5.	Trade Licence		Copy to be attached

3. List of Service Centers

Sl.No.	Location	Type of Center		Bidders to provide full address & Telephone No.
		Company Operated	Franchised	
1	Kolkata			
2	Siliguri			
3.	Dibrugarh			
4	Jorhat			

4. Details of Banker

1	Name of the Bank	
2	Name of the Branch	
3	Branch Code	
4	Address	
5	IFSC Code No.	
6	Account No.	

5. List of supplies of identical :
items made in last 2 years.
with customer reference

6. Copies of Purchase Orders :
received from major Customer
for identical type of items
(minimum 2 order copies)

I/we hereby certify that the particulars furnished by me/us above are true to the best of my / our knowledge and belief and mis-representations of facts will render me/us liable to my/our action as may be deemed fit by Andrew Yule & Co. Ltd. (Tea Division) & have the sole discretion to reject or accept my/our candidature.

Signature of the Applicant)
Office Stamp/Seal.

Place :

Date ;

List of Enclosures :

General Terms & Conditions

Ref. E-Tender No.: AYCL/TEA DIVISION/01/16-17/ET/39

Ref. Tender No.: TED/Capital/2016/060

1. Scope of Work
 - Supply as per specification complete in all respect to the respective location on “door delivery” basis.
 - Commissioning at site.

2. Location of Site
 - Head Office, 8, Dr. Rajendra Prasad Sarani, Kolkata – 700 001
 - Banarhat, Karballa, New Dooars & Choonabhutti T.Es. P.O. Banarhat, Dist Jailpauguri, West Bengal
 - Mim T. E., P.O. Sukhiapokhri, Dist. Darjeeling, West Bengal
 - Khowang T.E. P.O. Khowang, Dist. Dibrugarh, Assam
 - Basmatia T.E. P.O. Lahoal, Dist. Dibrugarh, Assam
 - Desam T.E., P.O. Naharkatia, Dist. Dibrugarh, Assam
 - Tinkong T.E. P.O. Tinkhong, Dist Dibrugarh, Assam
 - Rajgarh T.E. P.O. Rajgarh, Dist Dibrugarh, Assam
 - Hoolungooree T.E., P.O. Mariani, Dist. Jorhat, Assam
 - Murphulani Tea Estate, P.O. Golaghat, Dist. Golaghat, Assam

3. Requirement

As indicated under technical specification.

4. Delivery

The entire material/all the items of a particular group must reach the respective location within six weeks from the date of receipt of order.

5. Liquidated Damage

In the event of failure on the part of the contractor to complete entire work against the order to our full satisfaction within the specified period of completion, we may recover from the contractor as liquidated damages, a sum equivalent to ½% of contract value for each week or any part thereof default, where the delivery thereof will be accepted after expiry of the date stipulated for this purpose, but limited to a maximum of 10% of contract value

6. Force Majeure

Any delay or failure in the performance of either party hereto will not constitute default thereunder or give rise to any claim for damages, if any, to the extent such delays or failure of performance is caused by the occurrence such as acts of god or the public enemy, appropriation or confiscation of facilities by Govt. Authorities, acts of war, rebellion or sabotage, fires, explosions, riots and illegal strike.

7. Risk Purchase

In case the contractor fails to execute the contract fully or partly, the purchaser shall have the right to execute the work through other agencies, as decided by the purchaser at the contractor's cost and risk after giving two weeks notice in writing.

8. Terms of payment
 - 100% payment will be made within 15 days from the date of commissioning duly certified by the authorized representative of Andrew Yule & Co. Ltd. against Bank Guarantee of 10% of contract value valid for one year.
 - Statutory deductions will be made as per rules.

9. Price Variation

The quoted price should remain firm during pendency of the contract.

10. Guarantee

Manufacturer's guarantee for one year on site unless otherwise stated.

11. The tenderers are requested to ensure Earnest Money Deposit along with the Tender in the following manner, which will be converted into Security Deposit for the successful bidder/s and will be released on completion of delivery.

EMD Amount ---- Rs.20,000/-

EMD to be submitted by D.D. favouring Andrew Yule & Co. Ltd. payable at Kolkata

12. Decision for awarding contract/job is vested with the Management so as to reject, split / fragment.

13. Incomplete "Quotation/Offer" is liable to be rejected.

14. The offer must be valid for our acceptance for 45 days from the date of On-line Bid/Rev. Auction

Technical specification and requirement
Ref. E-Tender No.: AYCL/TEA DIVISION/01/16-17/ET/39
Ref. Tender No.: TED/Capital/2016/060

1) COMPUTER: DESKTOP

OS	
Operating system	Free DOS 2.0
PROCESSOR	
Processor	Intel® Core™ i5-4590S with Intel HD Graphics 4600 (3 GHz, 6 MB cache, 4 cores)
Chipset	Intel® H81 Express
MEMORY	
Memory, standard	4 GB DDR3-1600 SDRAM (1 x 4 GB)
STORAGE	
Hard drive description	500 GB 7200 rpm SATA
GRAPHICS	
Graphics	Intel® HD Graphics 4600
Graphics	Integrated
CONNECTIVITY	
Network interface	Integrated 10/100/1000 GbE network connection
PORTS/SLOTS	
Ports	2 USB 2.0; 1 microphone; 1 headphone
Ports	4 USB 2.0; 2 USB 3.0; 1 audio line in; 1 audio line out; 1 DVI-D; 1 VGA; 1 RJ-45; 2 PS/2 (keyboard and mouse)
INPUT	
Pointing device	HP USB Mouse
Keyboard	HP USB Keyboard
POWER	
Power	180 W standard efficiency, active PFC
SECURITY	
Security management	Trusted Platform Module (TPM) 1.2; Security cable slot

MACHINE DIMENSIONS & WEIGHT	
Weight	7.05 kg
Minimum dimensions (W x D x H)	16.5 x 35.5 x 35.88 cm
WARRANTY	
Warranty	3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair.
Requirement	: Head Office - 1 No. Basmatia T. E. - 1 No. Hoolungooree T. E. - 1 No. Murphulani T. E. - 1 No.

2) **COMPUTER: LAPTOP**

OS	
Operating system	Windows 8.1 Pro 64
PROCESSOR	
Chipset	Chipset is integrated with processor
Processor	Intel® Core™ i5-4210U with Intel HD Graphics 4400 (1.7 GHz, up to 2.7 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores)
MEMORY	
Memory, standard	4 GB 1600 MHz DDR3L SDRAM (1 x 4 GB)
STORAGE	
Hard drive description	1 TB 5400 rpm SATA
GRAPHICS	
Graphics	Intel HD Graphics 4400
DISPLAY	
Display	13.3" diagonal HD anti-glare LED-backlit (1366 x 768)
Display size (diagonal)	13.3"
CONNECTIVITY	
Network interface	Realtek Ethernet (10/100/1000)
Wireless	Intel Dual Band Wireless-AC 3160 802.11a/b/g/n/ac (1x1) WiFi and Bluetooth® 4.0 Combo
Expansion slots	1 multi-format digital media reader
PORTS/SLOTS	
Ports	2 USB 3.0; 1 USB 2.0 (power port); 1 HDMI; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 VGA
INPUT	
Pointing device	Touchpad with gestures support, on/off button, two-way scroll, taps and gestures enabled, and finger zoom (pinch)
Keyboard	Full-sized, spill resistant keyboard

POWER	
Battery type	4-cell, 44 WHr Li-ion
Power	65 W EM Smart AC adapter
SECURITY	
Security management	Standard: HP Client Security, Microsoft Defender (models with Windows 8), Drive Encryption, HP BIOS Protection, Security lock slot, TPM 1.2 Embedded Security Chip; HP Fingerprint Reader
MACHINE DIMENSIONS & WEIGHT	
Weight	Starting at 1.5 kg
Minimum dimensions (W x D x H)	32.6 x 23.35 x 2 to 2.1 cm (front to rear)
WARRANTY	
Warranty	1 year standard parts and labour limited warranty, depending on country (upgrades available), 1 year limited warranty on primary battery

Requirement : Head Office - 1 No.

3) **PRINTER: DOT MATRIX**

Print Method	: Serial impact Dot Matrix
Printing Speed	: Bi-Directional Logic Seeking
Print Head Type	: 9 wire
Print Width	: 136 column
Print head Life	: 200 Million Characters#
Print Speed	: 10, 12
Super Speed Draft (cps)	: 475, 571
High Speed Draft (cps)	: 440, 552
Draft (cps)	: 368, 442
Near Letter Quality (cps)	: 90, 110
Resident Printer Fonts	
Draft	: Standard 10,12,15,17 & 20 cpi
HS Draft	: Standard 10,12,15,17 & 20 cpi
Near Letter Quality	: Roman, Sans Serif, Script
Resident bar code of 5)	: Code 3 of 9, EAN13, EAN8, (UPC-A, Interleave 2
Paper handling	
Paper path standard	: Top, Rear and Bottom
Continuous Feed – Tractor	: Convertible Push & Pull
Paper Size	
Continuous Form Width	: 4 - 16"
Cut sheet width	: 7.2 - 16.1"
Paper thickness (max) - Tractor feed	: 0.52mm(max)
Paper thickness (max) - Friction feed	: 0.52mm(max)
Copy Capability* (0.52mm)	: 1+5 with carbon**** (Max. page thickness of
Consumables - Ribbon	
Type	: Ribbon Cassette with Unique User Replaceable
Inkbank (Patented)	
Colour	: Jet Black

Ribbon Life : 40 Million characters
 Cassette Refill mode : Through Inkbank
 Ink bank life : 10 Million characters**
 Input Buffer (Kilo Bytes) : 100 KB

Reliability

Reliability - MTBF(Power on Hours) : 15,000 POH
 Acoustics (Noise Level) : 49 dB(A)
 Emulation : Epson ES / CP, IBM Proprinter

Interface

Standard : Centronics IEEE-P1284A, Parallel, USB 2.0
 Optional : RS 232C Serial

Software Specifications

Drivers : Microsoft® Windows® Operating System 95, 98, 98SE, 2000, Me, XP, Vista, Windows 7, NT 4.0, Linux Redhat
 Electronic guide : HTML based

Electrical Specifications

Power Supply : 150 - 270 V AC
 Mains Frequency : 47 - 63 Hz
 Power (Stand by) : ~ 12 Watts

Environmental - Operating Conditions

Temperature : +5 to +40 deg C
 Relative Humidity : 10% to 80%

Physical Dimensions

Size (W x D x H) mm : 608 x 379 x 147
 Weight (kg) : 7.5 kg

Requirement : Banarhat T. E. - 1 No.
 New Dooars T. E. - 1 No.
 Choonabhutti T. E. - 1 No.
 Mim T. E. - 1 No.

4) PRINTER: DOT MATRIX

Specification	Description
General Specifications	
Printer Type	DMP
Number Of Pins	24
Number Of Print Columns	136
Number Of Paper Paths	Rear Push, Top Friction
Printing Colour	grey
Print Method	Serial impact dot matrix
Printer Dimensions	605 mm X 360 mm X 142 mm
Weight	12 kg
Printer Body Colours	Grey
Manufacturer Warranty	1 yr onsite

Printing Performance	
Print Direction	Bi-directional with logic seeking in text and graphics
Print Speed - Draft 10 Cpi	400
Print Speed - Draft 12 Cpi	450
Print Speed	300
Print Speed	360 cps
Print Speed - Draft 15 Cpi	450 cps
Print Speed - LQ 10 Cpi	100 cps
Print Speed - LQ 12 Cpi	120 cps
Print Speed - LQ 15 Cpi	150 cps
Fonts Supported	Draft,Roman ,San Serif,Courier,Script,Prestige,OCR-A,OCR-B,Orator,Orator-S
Pitches Supported	10, 12, 15, 17 , 20 cpi and Proportional spacing
Line Spacing	5,6,7,8LPI
Page Length Settings	3, 3.67, 4, 5.5, 6, 7, 8, 8.5, 11, 11.66, 12 & 14 Inches
Indian Language Printing	Hindi, Kannada, Tamil, Telugu, Malayalam, Bengali, Gujarathi & Punjabi
Paper Handling Features	
Paper Handling - Standard Input	no
Paper Handling - Standard Output	no
Paper Feed - Cut Sheet	Top In / Top Out
Paper Feed - Continuous	Rear In / Top Out
Media Sizes Supported	Yes
Custom Media Sizes Supported	Yes
Cut Sheet Paper Width	182 mm - 364 mm (Max Length - 364 mm)
Continuous Paper Width	101 mm - 406 mm (Max Length - 558.8 mm)
Paper Thickness	Cut Sheet: Single sheet- 0.065 mm - 0.14 mm Multipart forms- 0.12 mm - 0.36 mm Envelope: 0.16 mm - 0.52 mm Continuous paper - Single sheet/Mutipart forms: 0.065 mm - 0.42 mm Continuous form with labels - Base sheet: 0.07 mm - 0.09 mm Total sheet: 0.16 mm
Number Of Copies	Original + 5 copies (Max. thickness 0.42mm)
Built-In Functions	
Print Head Life Monitoring (PLM)	yes

Preventive Maintenance Reminder (PMR)	yes
True Auto Load For Friction / Tractor	yes
True Auto Tear Off	yes
Quiet Mode	no
Online Micro Adjust	yes
Buffer Clear	yes
Font / Pitch Lock	yes
User Defined Page Lengths Through Driver Utility	yes
Pre-Defined Page Lengths	yes
Offline Microfeed	yes
Auto Loading	yes
Paper Parking	yes
AutoShare	yes
End of job indication	yes
Page count	no
Dual Tractors	no
Top of form setting	yes
Printer Configuration Utility	yes
Pitch & Font lock through printer settings	yes
Auto installer feature for Windows	Yes
Micro Feed Lock	Yes
Connectivity, Drivers And Emulations	
Interface - Parallel	Centronics Parallel
Interface - Serial	No
Interface - USB	High Speed USB 2.0 with AutoShare
Input Buffer	64 KB
Printer Drivers	Win 9X, NT, 2000, ME & XP, DOS* (Linux**)
Printer Emulation	EPSON ESC/P

Power And Operating Conditions	
Input Voltage	150 - 270 V AC
Frequency	47 Hz - 53 Hz
Power Consumption - Stand-By (Idle)	15W (Energy Star Compliant)
Power Consumption - Operating Mode	30W (ISO 10561 letter pattern)
Operating Temperature	0° C to 45° C
Operating Humidity	10% - 80% RH-NC
Safety And Reliability	
MTBF	15,000 Power On Hours (POH) @25% Duty Cycle
Life Of Printhead	300 million dots/pin
Life Of Ribbon Cartridge	6 million characters in draft mode
Noise Level	Approx 60 db (ISO 7779 Pattern)

Requirement	:	Desam T. E.	-	1 No.
		Khowang T. E.	-	1 No.
		Bhamun O. G.	-	1 No.
		Hingrijan O. G.	-	1 No.
		Rajgarh T. E.	-	1 No.
		Tinkong T. E.	-	1 No.
		Basmatia T. E.	-	1 No.
		Hoolungooree T. E.	-	1 No.
		Murphulani T. E.	-	1 No.

5) **PRINTER: DOT MATRIX**

Specification	Description
General Specifications	
Printer Type	DMP
Number Of Pins	9
Number Of Print Columns	80
Number Of Paper Paths	Top Friction, Rear Push Tractor
Printing Colour	Black
Print Method	Serial impact dot matrix
Printer Dimensions	430 mm X 315 mm X 158 mm
Weight	6.1 kg (Approx.)
Printer Body Colours	Black

Manufacturer Warranty	2 Years warranty
Printing Performance	
Print Direction	Bi-directional with logic seeking in text and graphics
Print Speed - Draft 10 Cpi	300
Print Speed - Draft 12 Cpi	350
Print Speed	250
Print Speed	300
Print Speed - Draft 15 Cpi	375
Print Speed - NLQ 10 Cpi	63
Print Speed - NLQ 12 Cpi	75
Fonts Supported	Draft, Roman, Sans Serif, Script
Pitches Supported	10,12,15 and 17 cpi in Draft 10,12 cpi in NLQ
Line Spacing	6,8 LPI
Page Length Settings	3, 3.67, 4, 6, 7, 8, 11,12 & 14 Inches
Indian Language Printing	no
Paper Handling Features	
Paper Feed - Cut Sheet	Top Friction
Paper Feed - Continuous	Convertible Push-Pull Tractor
Media Sizes Supported	Yes
Custom Media Sizes Supported	Yes
Cut Sheet Paper Width	182 mm (7.2") - 216 mm (8.5")
Continuous Paper Width	101 mm (4.0") - 254 mm (10.0")
Paper Thickness	0.06 mm -0.32 mm
Number Of Copies	Original + 3
Built-In Functions	
Preventive Maintenance Reminder (PMR)	Yes
True Auto Load For Friction / Tractor	Yes
True Auto Tear Off	Yes
Quiet Mode	no
Online Micro Adjust	yes
Buffer Clear	Yes

Font / Pitch Lock	yes
User Defined Page Lengths Through Driver Utility	yes
Offline Microfeed	Yes
Auto Loading	Yes
Paper Parking	Yes
Short tear off	Yes
AutoShare	Yes
End of job indication	Yes
Page count	no
Dual Tractors	no
Top of form setting	Yes
Printer Configuration Utility	Yes
Pitch & Font lock through printer settings	Yes
Auto installer feature for Windows	Yes
Micro Feed Lock	Yes
Connectivity, Drivers And Emulations	
Interface - Parallel	Yes (Centronics Parallel)
Interface - Serial	Yes (RS-232 Serial)
Interface - USB	Yes (USB 2.0 Interfaces with AutoShare TM)
Input Buffer	64 KB
Printer Drivers	Win 9X, NT, 2000, 2003, ME, XP & Vista, DOS* & Linux**
Printer Emulation	ESC/P & IBM
Power And Operating Conditions	
Input Voltage	150- 270 V AC
Frequency	47.0 Hz -53 Hz
Power Consumption - Stand-By (Idle)	6W
Power Consumption - Operating Mode	42W
Operating Temperature	5°C to 45° C
Operating Humidity	20% - 80% RH-NC
Safety And Reliability	

MTBF	10,000 POH (Power On Hours) @25% duty cycle
Life Of Printhead	300 million dots/pin
Life Of Ribbon Cartridge	3 Million
Noise Level	55 dB (under standard test conditions on ISO 7779 test pattern)
EMI	CISPR Class A (compliance only)

Requirement : Khowang T. E. - 1 No.
 Basmatia T. E. - 1 No.

6) Laser Printer (Mono):

Print speed black:
 Normal: Up to 14 ppm
 Up to 600 x 600 dpi (1200 dpi effective output)
 Duty cycle (monthly, A4)
 Up to 5000 pages
 Recommended monthly page volume
 250 to 2000
 Print technology

- Laser
- Processor speed
- 234 MHz
- Print languages
- Host-based printing

Connectivity

- HP ePrint capability
- No
- Connectivity, standard
- Hi-Speed USB 2.0 port
- Network ready
- None
- Minimum system requirements
- Windows 2000, Windows XP Home or Windows XP Professional, 90 MHz Pentium, 120 MB free hard disk space (10 MB minimum install), 1 GHz processor, 512 MB RAM (Windows Vista(TM) Ready, check User's Guide for minimum hard drive space), CD-ROM drive, USB port (compatible with USB 2.0 specifications)
- Compatible operating systems
- Windows 2000
- Windows XP Home
- Windows XP Professional

Memory specifications

Memory, standard
 2 MB
 Maximum memory
 2 MB

Paper handling

- Paper handling input, standard
- 150-sheet input tray, single-sheet priority feed slot
- Paper handling output, standard
- 100-sheet face-down bin
- Maximum output capacity (sheets)
- Up to 100 sheets
- Duplex printing
- Manual (driver support provided)
- Media sizes supported
- A4, A5, A6, B5, C5, DL, postcards
- Media sizes, custom
- Main tray: 147 x 211 to 216 x 356 mm
- input slot: 76 x 127 to 216 x 356 mm
- Media types
- Paper (laser, plain, photo), envelopes, labels, cardstock, transparencies, postcards

Power and operating requirements

- Power
- Input voltage 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz), 3.5 amps
- 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz), 2 amps
- Energy efficiency
- ENERGY STAR® qualified
- Operating temperature range
- 10 to 32.5° C
- Operating humidity range
- 20 to 80% RH
- Acoustic power emissions (ready)
- Inaudible
- Acoustic pressure emissions bystander (active, printing)
- 49 dB(A)

Dimensions and weight

Minimum dimensions (W x D x H)

370 x 242 x 209 mm

Weight

5 kg

What's included

Warranty

- 1 Year Next Business Day Exchange Support

Requirement	:	Head Office	-	1 No.
		Karballa T. E.	-	1 No.
		New Dooars T. E.	-	1 No.
		Rajgarh T. E.	-	1 No.
		Tinkong T. E.	-	1 No.
		Murphulani T. E.	-	1 No.

7) **DeskJet/InkJet Printer:**

General		
Printer Type		Inkjet
Print Head	Mono:	Piezo with 210 nozzles × 1
	Colour:	Piezo with 70 nozzles × 3
Memory Capacity		64 MB
LCD (Liquid Crystal Display)		16 characters × 1 line
Power Source		AC 220 to 240V 50/60Hz
Power Consumption	Copying Mode:	Approx. 16 W
	Ready Mode:	Approx. 3 W
	Sleep Mode:	Approx. 1.1 W
	Off:	Approx. 0.4 W
Dimensions (W x D x H)		435 mm x 374 mm x 161 mm
Weight	7.1 kg	
Noise Level	Sound Pressure	
	Operating:	50 dB(A) (Maximum)
Temperature	Operating:	10 to 35 ° C
	Best Print Quality:	20 to 33 ° C
Humidity	Operating:	20 to 80% (without condensation)
	Best Print Quality:	20 to 80% (without condensation)
ADF (automatic document feeder) (DCP-T700W only)		Up to 20 pages
		Paper: 80 gsm A4 or Letter size
Document Size	ADF Width:	148 mm to 215.9 mm
	ADF Length:	148 mm to 355.6 mm
	Scanner Glass Width:	Max. 215.9 mm
	Scanner Glass Length:	Max. 297 mm
Print media		
Paper	Paper Tray	

Input	Paper type:	Plain Paper, Inkjet Paper (coated paper) and Glossy Paper
	Paper size:	A4, Legal, Executive, Letter, JIS B5, A5, A6, Envelopes (Com-10, DL, C5, Monarch), Photo (10 × 15 cm), Photo 2L (13 × 18 cm) and Index Card (127 × 203 mm)
		Width: 98 mm - 215.9 mm
		Length: 148 mm - 355.6 mm
Maximum paper tray capacity:	Approx. 100 sheets of 80 gsm plain paper	
Paper Output	Up to 50 sheets of 80 gsm plain paper (face up print delivery to the output paper tray)	
Copy		
Colour/Monochrome	Yes/Yes	
Copy Width	204 mm	
Multiple Copies	Stacks/Sorts up to 99 pages	
Enlarge/Reduce	25% to 400% (in increments of 1%)	
Resolution	Prints up to 1200 × 2400 dpi	
Scanner		
Colour/Monochrome	Yes/Yes	
TWAIN Compliant	Yes (Windows ® XP/Windows Vista ® /Windows ® 7/Windows ® 8) (Mac OS X v10.7.5 / 10.8.x /10.9.x)	
WIA Compliant	Yes (Windows ® XP/Windows Vista ® /Windows ® 7/Windows ® 8)	
ICA Compliant	Yes (Mac OS X v10.7.5 / 10.8.x /10.9.x)	
Colour Depth	30 bit colour Processing (Input)	
	24 bit colour Processing (Output) / 256 levels per colour	
Greyscale	10 bit colour Processing (Input)	
	8 bit colour Processing (Output) / 256 levels per colour	
Resolution	Up to 19200 × 19200 dpi (interpolated)	
	Up to 1200 × 2400 dpi (optical) (Scanner Glass)	
	Up to 1200 × 600 dpi (optical) (ADF) (DCP-T700W only)	
Scanning Width and Length	(Scanner Glass)	Width: Up to 213.9 mm
		Length: Up to 295 mm

Printer	
Resolution	Up to 1200 × 6000 dpi
Printing Width	204 mm [210 mm (borderless)]
Borderless	A4, Letter, A6, Photo (10 × 15 cm), Index Card (127 × 203 mm), Photo 2L (13 × 18 cm)
Interfaces	
USB	A USB 2.0 interface cable that is no longer than 2 m.
Wireless LAN (DCP-T500W and DCP-T700W only)	IEEE 802.11b/g/n (Infrastructure/Ad-hoc Mode)
Network (DCP-T500W and DCP-T700W)	
Wireless Network Security	SSID (32 characters), WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
Wireless Setup Support Utility	AOSS™ Yes
	WPS Yes

Requirement	:	Bhamun O. G.	-	1 No.
		Rajgarh T. E.	-	1 No.
		Tinkong T. E.	-	1 No.
		Basmatia T. E.	-	1 No.

8) **UPS:**

Capacity	
Capacity	1 Kva LI
Input	
Range / Frequency(50Hz+5%)	135~300V AC / 50Hz+5%
Output	
Voltage / Transfer Time	230V ± 9% AC / <6ms
Regulator on Mains / Regulator on Battery	Automatic Voltage Regulation / Pulse Width Modulation
Protection	
Unit Input / Noise	Fuse Protection / Noise Filter
Short Circuit (Line) / Short Circuit (Inverter)	Fuse Protection / Pulse to Pulse Electronic active Protection
Battery	
Rating	7.2Ah * 2 (In Built)
Type / Recharge Time	SMF / 2~8 Hrs. (depending on the status of Battery)
Alarm	
Battery Backup (Sound beeping)	Per 8 sec. (Approx.)
Battery Low	Sound beeping long
LED Display	
Green	Mains mode operation / AVR Working

Red	Inverter output from battery/Overload/Battery bad/Battery Low		
Physical			
Size (L x W x H)	340 x 130 x 195mm		
Weight (Approx.):	13Kg.		
Environment			
Operating Temperature / Rel. Humidity	0°C ~ 48°C ; 32°F ~ 120°F / 0 to 90% non-condensing		
Noise			
Audible Noise level	<35dB, distance 1 meter from UPS		
Back Up Time Chart			
1 PC	40 to 50 Minutes		
2 PC	15 to 25 Minutes		
3 PC	7 to 12 Minutes		

Requirement	:	Head Office	-	1 No.
		Banarhat T. E.	-	2 Nos.
		New Dooars T. E.	-	2 Nos.
		Choonabhutti T. E.	-	2 Nos.
		Khowang T. E.	-	1 No.
		Bhamun O. G.	-	1 No.
		Hingrijan O. G.	-	1 No.
		Rajgarh T. E.	-	2 Nos.
		Basmatia T. E.	-	1 No.
		Murphulani T. E.	-	2 Nos.

9) **SCANNER:**

- Scanner type
- Flatbed
- Scan resolution, optical
- Up to 2400 dpi
- Duty cycle (daily)
- 26,000 scan minimum life time
- Bit depth
- 48-bit
- Levels of grayscale
- 256
- Multifeed detection
- No
- Task speed
- 10 x 15 cm (4 x 6 in) color photo to file (200 dpi, 24-bit, tiff): about 21 sec for single image scan
- OCR A4 (8.5 x 11 in) text page to Microsoft Word: about 30 sec for single image scan
- 10 x 15 cm (4 x 6 in) color photo to share/e-mail (150 dpi, 24-bit): about 37 sec for single image scan
- A4 (8.5 x 11 in) PDF to e-mail (300 dpi, 24-bit): about 37 sec for single image scan
- Scan size (flatbed), maximum
- 216 x 297 mm (restricted by scan image file size of 2 GB for Windows, 1 GB for Mac and 1 GB for Linux)

Media types

- Paper (plain, inkjet, photo, newsprint, magazine articles)
Scan file format
- Windows & Linux: BMP, JPEG, GIF, TIFF, TIFF Compressed, PNG, PCX, FlashPix (FPX), PDF, PDF searchable, RTF, HTM, TXT
- Macintosh: TIFF, PICT, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text. Mac HP Scan supports : TIFF, PNG, JPEG, JPEG 2000, PDF, PDF-Searchable, RTF, TXT: TIFF, PNG, JPEG, JPEG 2000, PDF, PDF-Searchable, RTF, TXT. Mac Image Capture supports: TIFF, PNG, JPEG, JPEG 2000, GIF, BMP, PDF
Scan input modes
- Four front panel button (Scan, Copy, Scan to PDF, Scan to Email)
- HP Solution Center
- and user application via TWAIN
Hard disk
- No
Control panel
- Four front panel button (Scan, Copy, Scan to PDF, Scan to Email)

ADF specifications

Automatic document feeder capacity

- No
Automatic document feeder speed
No
Scan size (ADF), maximum
- No

Compatible operating systems

Compatible operating systems

Windows 10, Windows 8, Windows 7

Windows Vista

Windows XP Service Pack 2 or higher (32-bit only)

Mac OS X 10.6.8, OS X Lion, OS X Mountain Lion or later

Mac compatible

- Yes

Connectivity

Connectivity, standard

- 1 Hi-Speed USB
Connectivity, optional
- No
Twain version
Version 1.9

Power and operating requirements

Power

- Do not use external power supplies but are USB powered
Power consumption
2.5 watts (maximum), 0.5 watts (standby), 0.0125 watts (manual-off)
Operating temperature range

- 10 to 35° C
Operating humidity
- 15 to 80% RH (non-condensing)

Dimensions and weight

- Minimum dimensions (W x D x H)
373 x 274 x 44.5 mm
- Weight
1.76 kg

What's included

- Warranty
One-year next business day exchange warranty, phone and Web support included.

Requirement : New Dooars T. E. - 1 No.