

PREJHA Foundation Reference: 1370-

PREJHA08/23/220

REQUEST FOR QUOTATION

FOR

Partner Empanelment & Supply of Computers and IT Equipment

Dated: 30th August 2023

PanIIT Alumni Reach For Jharkhand Foundation

**A Non-profit Special Purpose Joint Enterprise between agencies of Department of
Welfare, Government of Jharkhand and
PanIIT Alumni Reach For India
Foundation, Kalyan Complex, Balihar
Road, Morabadi,
Ranchi – 834008, Jharkhand**

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DISCLAIMER

The information contained in this Request for Quotation ("RFQ") or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of PanIIT Alumni Reach For Jharkhand Foundation (hereinafter "PREJHA") is provided to interested parties on the terms and conditions set out in this RFQ and such other terms and conditions subject to which such information is provided.

This RFQ is not an agreement and is neither an offer nor an invitation by PREJHA to interested parties who submit their quote (henceforth "Bidders") in response to this RFQ. The purpose of this RFQ is to provide Bidders with information that may be useful to them in preparing and submitting their proposals ("Proposal") for selection as supply agency with PREJHA Foundation as per notified norms.

PREJHA Foundation makes no representation or warranty and shall have no liability to any person or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFQ or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFQ and any assessment, assumption, statement or information contained herein or deemed to form part of this RFQ or arising in any way from this process.

A Bidder must warrant that all the information provided by it to PREJHA Foundation at the time of application & subsequently, is true to the best of its knowledge and belief, and specially warrants that it has duly complied with the provisions of laws applicable to it. Bidder indemnifies PREJHA Foundation from any liabilities arising out of error or default or negligence or contravention in regard to any of the applicable laws, including, but not limited to, submission of statutory forms & other such documents.

The issue of this RFQ does not imply that PREJHA Foundation is bound to select any Bidder(s) or select any Bidder(s) for any project. PREJHA Foundation may accept or reject any proposal in its discretion and may ask for any additional information or vary its requirements, add to or amend the terms, procedure and protocol set out in RFQ for bona fide reasons, which will be notified to all the Bidders invited to tender. Further PREJHA Foundation hereby reserves its right to annul the process at any time prior to issuance of Purchase Order without incurring any liability towards the Tenderers.

The Bidder shall bear all costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by PREJHA Foundation or any other costs incurred regarding or relating to its Bid. All such costs and expenses will remain with the Bidder and PREJHA Foundation shall not be liable in any manner for the same or for any other costs or expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of this RFQ and related processes.

SECTION 1: LETTER OF INVITATION

PanIIT Alumni Reach for Jharkhand (PREJHA) Foundation invites proposals from reputed bidders for supply of Computers and IT Equipment for PREJHA Foundation's Kaushal Colleges and Kalyan Gurukul in Jharkhand.

A bidder will be selected based on Lowest Cost Method (L1 basis) from suitable agencies qualifying the criteria as per described in this RFQ.

The content of this RFQ enlists the requirements of PREJHA Foundation. It includes the **Bidding Terms & selection** procedure which details out all that may be needed by the potential bidders to understand the financial terms and bidding process and explains the contractual terms that PREJHA Foundation wishes to specify at this stage.

The RFQ includes the following sections:

Section 1 - Letter of Invitation

Section 2 - Instructions to Bidders (including pre-qualification criteria)

Section 3 - Standard Forms

The information may be submitted online only at the following website.

<https://eprocurement.mjunction.in/EPSV2Web/org/PREJHA/home.action>

The information may be viewed online at the following website.

<https://www.jharkhand.gov.in/paniit>

Yours faithfully,

Authorized signatory

**PanIIT Alumni Reach For Jharkhand Foundation,
Kalyan Complex, Balihar Road, Morabadi, Ranchi –
834008, Jharkhand**

PREFACE

About PREJHA Foundation

Agencies of Department of Welfare, Government of Jharkhand and PanIIT Alumni Reach for India Foundation have partnered to form PanIIT Alumni Reach for Jharkhand (PREJHA) Foundation, a not-for-profit joint enterprise to implement and scale sustainable welfare initiatives. The initiative will replicate the PanIIT Skill Gurukul model of learning for skill development across all the districts of Jharkhand state and thus provide a network of ITI and sub-ITI institutions accessible to school dropouts, underprivileged and those who are from the lower strata of socio-economic background.

PREJHA Foundation sets up Rural Skill Gurukuls and Kaushal colleges to impart vocational Education to deserving candidates.

Purpose of RFQ

The objective of this assignment is to procure Computers and IT Equipment required for PREJHA Foundation's Gurukuls & Kaushal Colleges. The supplying agency should adopt a process that is not only transparent, competitive but should also be quick and timely.

Section 2: Instructions to Bidders

The evaluation criteria for the bidders is based on Lowest Cost Method (L1 basis) price bid subject to the bidders submitting and satisfying the basic qualification mentioned. **Each Bidder must submit a single proposal only.**

PREJHA foundation shall endeavor to adhere to the following schedule but reserves the right to alter the same:

Time schedule of Tender:

Sl.No.	Particulars	Date
1.	Tender e-Publication date	30-08-2023
2.	Start date for seeking Clarification	30-08-2023
3.	Last date for seeking clarification on line from service provider (mjunction Services Limited)	08-09-2023 (08:00PM)
4.	Bid submission start date (only on-line bid accepted)	30-08-2023
5.	Bid submission end date	18-09-2023 (11:50 PM)
6.	Schedule date for Technical bid opening	18-09-2023
7	Comparative statement preparation by the system	18-09-2023

General terms & Conditions:

1. Detailed BOQ

S. No.	Item Description	UOM
1	All In One Desktop, i3 should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adapter, user Manuals, Warranty Documents Minimum Technical Specs : Full HD Screen Minimum 21 inches, 12th or better Generation Core i3 ,4 GB RAM, Minimum 512 GB SSD, Windows 11 original or better, Built-in Webcam,2 x USB 2.0 (REAR), 2 x USB 3.0 (SIDE), Intel UHD Graphics, Built-in Microphone, Speakers, HDMI port, Headphone Jack,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Samsung/Microsoft	No
2	All In One Desktop, i5, should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adapter, user Manuals, Warranty Documents Minimum Technical Specs : Full HD Screen Minimum 21 inches, Minimum 12th Generation Core i5 ,8 GB RAM, Minimum 512 GB SSD, Windows 11 Original or better, Built-in Webcam,2 x USB 2.0 (REAR), 2 x USB 3.0 (SIDE), Intel UHD Graphics, Built-in Microphone, Speakers, HDMI port, Headphone Jack,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Compaq/Samsung/Microsoft	No
3	All In One Desktop, i7 should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adapter, user Manuals, Warranty Documents Minimum Technical Specs : Full HD Screen Minimum 21 inches, Minimum 12th Generation Core i7 ,Minimum 16 GB RAM, Minimum 512 GB SSD, 4 GB Nvidia Graphics card, Windows 11 Original or better ,Built-in Webcam,2 x USB 2.0 (REAR), 2 x USB 3.0 (SIDE), Intel UHD Graphics, Built-in Microphone, Speakers, HDMI port, Headphone	No

	Jack,3 year onsite warranty Make: HP/DELL/Apple/Microsoft/Samsung	
4	All In One Desktop, Intel Pentium Gold /AMD Ryzen 3 Should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adaptor, User Manuals, Warranty Documents Minimum Technical Specs : Minimum 19 inch Screen Full HD LED Widescreen Display, Processor: Minimum Intel Pentium Gold ,4 GB RAM, Minimum 500 GB HDD/512GB SSD, Window 10 Original or better,1 x USB 2.0, 1 x USB 3.0,Wi-Fi (802.11 AC), Intel UHD Graphics, HDMI port, Headphone Jack,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Compaq/Samsung/Microsoft	No
5	All In One Desktop (Black/Grey), Intel Celeron/AMD Athlon Should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adaptor, User Manuals, Warranty Documents Minimum Technical Specs : Minimum 19 inch Screen Full HD LED Widescreen Display, Intel Celeron ,4 GB RAM, Minimum 500 GB HDD, Window 10 Original or better,1 x USB 2.0, 1 x USB 3.0,Wi-Fi (802.11 AC), Intel UHD Graphics, HDMI port, Headphone Jack,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Compaq/ Samsung/Microsoft	No
6	Keyboard Wired: 104 Windows Keyboard, 24 key rollover, Including Number pad, Black, Make: HP, Dell, Logitech, Lenovo	No
7	Wired Mouse Optical or Laser: 2 buttons, Centre Scroll wheel with integrated middle mouse button, Wire length: 5 feet or more, 1000DPI Sensor or more, Make: HP, Dell, Logitech, Lenovo	No
8	Wireless Mouse Technical Specifications: Connectivity: 2.4 GHz wireless technology Resolution: Minimum 1000 DPI and adjustable upto 1800 Number of Buttons: 3 buttons (left, right, scroll wheel) Compatibility: Windows, Mac, Chrome OS, Linux Connectivity Range: Reliable wireless connectivity up to 10 meters Interface: USB receiver for plug-and-play convenience Tracking Technology: Optical tracking for smooth and precise cursor control Make: Logitech/Hp/Dell/Razer/Microsoft/Corsair	No
9	Laptop, Intel Celeron or Equivalent should contain: Laptop, Laptop Bag, Minimum Technical Specs : (14-16) inch Screen , Intel Celeron ,4 GB RAM, Minimum 256 GB SSD, Window 10 Original or better,1 x USB 2.0, 1 x USB 3.0, Intel UHD Graphics, HDMI port,Built-in Dual Speakers, Webcam ,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Compaq/ Samsung/Microsoft	No
10	Laptop , i3 should contain: Laptop, Laptop Bag, Minimum Technical Specs :(14-16) Inch HD LED Backlit Bright View Display,12th (or higher) Gen Core i3 ,4 GB RAM, Minimum 512 GB SSD, Inbuilt Windows 11 or higher Built-in Digital Microphone, Intel UHD Graphics, Built-in Dual Speakers, HD Webcam,1 x USB 2.0, 2 x USB 3.1, HDMI Port, 3 year onsite warranty, Minimum 5 hour Battery Backup, Laptop weight not more than 2kg Make: Dell/HP/Lenovo/Apple/Microsoft/Asus/Samsung	No
11	Laptop, i5, should contain: Laptop, Laptop Bag, Minimum Technical Specs : Slim & Sleek ,(14-16) inch Screen Full HD LED Widescreen Display, Intel Core i5 12th or higher Gen, 8 GB DDR4 RAM, 512GB SSD, Inbuilt Windows 11 or higher, 1 x USB 2.0, 1 x USB 3.0,HDMI port, Headphone Jack,3 year onsite warranty, Laptop weight not more than 1.5 kg, Battery Life: Upto 5 hours Make: Dell/HP/Lenovo/Apple/Microsoft/Samsung	No
12	Business/Professional Series Laptop, i5 should contain: Laptop, Laptop Bag, Minimum Technical Specs :(13-14) Inch Full HD	No

	antiglare LED Display, 13th or Higher Gen Core i5 ,16 GB RAM, Windows 11 inbuilt or higher, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell/HP /Apple/Microsoft/Samsung	
13	Business/Professional Series Laptop, i7 should contain: Laptop, Laptop Bag, Minimum Technical Specs :(13-14) Inch Full HD antiglare LED Display, 13th or Higher Gen Intel EVO Core i7 ,16 GB RAM, Windows 11 inbuilt, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, 2GB Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell/HP/Apple/Microsoft/Samsung/	No
14	Monitor Screen 20.5-22.5 inches, Full HD 1080p, 1 Year onsite warranty, Make:LENOVO/HP/DELL/Acer/ASUS/Compaq/LG/Samsung	No
15	All in one Ink-Tank Color Printer Functions: Print, Scan and Copy Printing Technology: Inkjet Printing Speed: Minimum 20 pages per minute (PPM) Black and 20 Pages PPM in Color Connectivity: USB, Ethernet, Wi-Fi Resolution: Minimum to 4800 x 1200 dpi for sharp and vibrant prints Ink Tank System: Large capacity ink tanks for continuous and cost- effective printing Paper Handling: Automatic duplex printing, supports various paper sizes and types Mobile Printing: Compatibility with mobile devices for wireless printing convenience LCD Display: Built-in LCD screen for easy navigation and settings adjustment, Minimum 1 Year onsite warranty Make: Epson/Canon/HP/Brother/Samsung/Xerox/Ricoh	No
16	All in one Laser Printer (Print, Scan and copy) Black Mono Laser Multi-Function , Print speed: Minimum 20 pages per minute Manual Duplex Print, Low cost printing per page, Multi-function screen, Print resolution 600 x 600 dpi dpi, Page size supported -A6, A4, A5, B5, C5, DL , Minimum 1 Year onsite warranty; Make: HP, Epson, Brother,Canon, Samsung,Xerox, Ricoh	No
17	All in one Laser Printer (Printer-Scanner Combo) Black Mono Laser Multi-Function with Wi-Fi and Automatic Duplex feature Print speed: Minimum 30 pages per minute Automatic duplex printing Wireless printing Low cost printing per page Wi-Fi Enabled, Multi-function screen, Print resolution 600 x 600 dpi HQ1200 (2400 x 600 dpi) quality 1200 x 1200 dpi, Page size supported - A4, A5, B5, C5, C6, DL, Postcard ; Duplex Print, Minimum 1 Year onsite warranty, Make: Epson, Brother, HP, Canon, Samsung,Xerox, Ricoh	No
18	All in one Laser Color Printer (Printer-Scanner Combo) Color, Colour LED Multi-Function Centre with Wireless & Network Connectivity, Automatic 2-sided Colour Print, ADF - Multi-page Scan & Copy, High Productivity with Fast Print Speeds, Wi-Fi Direct, Mobile & USB Print, Low Cost Quality Print Resolution with Affordable Toner Print resolution - 600 x 600 dpi, 2,400 dpi (600 x 2400) quality, Page size supported - A4, A5, B5, C5, C6, DL, Postcard ; Duplex Print, PRINTER TYPE: Color LED Printer PRINT SPEED: Up to 18/19 ppm (A4/LTR) PAPER CAPACITY: 250 sheets (80 gsm) Color Copy, Minimum 1 Year onsite warranty Make: Epson, Brother, HP, Canon	No

19	<p>All in One Laser Printer (Institution/Enterprises Model for Large office usage): Print Speed (A4) (Color) - Color - 30 PPM; Print Speed (A4)- MONO - 30-40 PPM; Network Capability – Yes; Simplex –Yes; Paper Size - A4; Other Specifications:- Cartridge Technology Composite; Wireless Yes; USB yes, ethernet yes, Duplex Yes, Automatic Document Feeder; Resolution 1200x600 dpi; Paper Tray Capacity 150 Sheets; Number Of Paper Trays 2; Print Language PCL 6; Warranty 2 or More Year(s) Perfect for small business/Organisation FUNCTIONS: Print scan copy and fax PORTS: 1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit 10/100/1000T Ethernet; 1 WiFi 802.11 b/g/n; 2 RJ-11 WIRELESS CAPABILITY: Yes, built-in Gigabit 10/100/1000T Ethernet, Wi-Fi 802.11b/g/n, Auto Wireless Connect PAPER HANDLING INPUT, STANDARD:100-sheet multipurpose tray, 250-sheet input tray 2, 50-sheet automatic document feeder DISPLAY: Minimum 8.89 cm (3.5) touchscreen, LCD (colour graphics) SCAN SPEED (NORMAL, A4): Up to 20 ipm (b&w), up to 14 ipm (color) NUMBER OF PRINT CARTRIDGES: 4 (1 each black, cyan, magenta, yellow) Minimum Page Yields per cartridges: Minimum 5500 Page COPY SPEED (COLOUR, NORMAL QUALITY, A4): Up to 30 cpm POWER:110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A Minimum 1 Year onsite warranty Model: HP, EPSON, Brother, Canon, Panasonic, Ricoh, Xerox, Samsung</p>	No
20	<p>OMR sheet Reader Machine Scanning Speed: 30+ PPM Resolution: 600 DPI or higher Document Types: OMR forms and sheets Scan Mode: Duplex scanning Paper Size: A4, Letter, Legal, or Custom sizes Feeder Capacity: Minimum 50 sheets or more Scanning Method: CIS or CCD sensors Optical Density: 2.0 D or higher Gray Levels: 256 levels or more Output Formats: JPEG, TIFF, PDF, Excel, DBF, MBD,XML, CSV, Connectivity: USB 3.0 or higher Software Compatibility: Advanced OMR software Operating System Compatibility: Windows, macOS, Linux Make: Kodak, Fujitsu, HP, IntelliScanner, Addmen, Skantron, Canon, Epson, Ricoh</p>	No
21	<p>Supply and installation of Dual Band Wifi Router with integrated modem, Dual Band Router: 5000 Sqft range. Simultaneous 2.4GHz minimum 600Mbps and 5GHz minimum 1900Mbps or more connections Warranty: Minimum 1 year Make: Linksys/Cisco/Netgear/Asus/T-Link/TL-Link/Google/Unifi</p>	No
22	<p>Supply and installation of Dual/Tri Band Wifi - 6 Router with integrated modem, MU-MiMo Technology. Simultaneous 2.4GHz minimum 1100Mbps and 5GHz minimum 5500Mbps or Better, Warranty: Minimum 1 year Make: Cisco/Netgear/Asus/T-Link/TL-Link/Google/Unifi/Amplifi</p>	No
23	<p>Wi-Fi Range Extender: 802.11 b/g/n and ac WiFi devices, 2.4 and 5GHz WiFi up to 1200Mbps and reduce interference, Make: Linksys/Cisco/Netgear/Asus/T-Link/TL-Link/Google/Unifi/Tenda</p>	No
24	<p>Over the Ear Headphone with HD Audio with noise cancellation Boom mic On-ear/In-Line controls. Leather-feel ear cushions and around-the-ear design for all-day use Technical Specification: Sensitivity (headphone): In the range 75 dB to 130dB Sensitivity (microphone): -40dBV/Pa to -60 dBV/Pa Frequency response Make: Sennheiser, JBL, Logitech, Jabra, Plantronics, Bose, Audio-Technica, Beyerdynamic, Shure, SONY, Panasonic, Philips, RHA, AKG</p>	No

25	Portable Bluetooth Speaker: min speaker output 15w, Battery backup-min 5 hrs,bluetooth range more than 9m, 1500mAh or more than 1500 mAh battery capacity, Wired mic, RGB LED, AUX, USB, Micro SD, Built in Rechargeable Battery and Mobile Holder, Minimum 1 Year onsite warranty, Make- Zebronics, JBL, Boat, Bose	No
26	Portable Hard Disk - 1TB, USB 3.0, Data Transfer Rate 600MB/Sec or more, Make: Transcend, Samsung, SanDisk, WD, Seagate or comparable brands	No
27	Pen drive: 32 GB, USB 3.0 or better, Make: Transcend, Samsung, SanDisk, WD, Seagate or comparable brands	No
28	1 KVA Online UPS (Single Phase) Technical specifications <ul style="list-style-type: none"> • Power Capacity: 1 KVA (1000 VA) • Input Voltage: 230V ± 10% • Output Voltage: 230V ± 1% • Frequency: 50/60 Hz ± 0.1% • UPS Topology: Online Double Conversion • Battery: Included • DC Voltage: Minimum 36 V(7 AH 12 V* 3 Nos. Battery inside) • Backup Time: Minimum 15 Minute at full load. • Efficiency: Above 90% • Energy-saving Mode: Supported • Surge Protection: Included • Voltage Regulation: Automatic • Output Waveform: Pure sine wave • Overload Protection: Included • Transfer Time: Zero • Display: LCD • Audible Alarms: Included • Cooling: Efficient system • Safety Standards: Compliant • EMC Compliance: Compliant • Warranty: Minimum 2 years, including battery Make: APC/Emerson/Luminous/Microtek/Delta Power/Su-Kam/Numeric/CyberPower/Uniline/Riello/Hitachi/ Legrand/Eaton	No
29	Mobile Handset of 5.5-6.5 inches in size,Minimum 60 Hz refresh rate, 1080 Full HD Display resolution, Minimum 350 PPI, Minimum 2.5Ghz Processor, Minimum 6GB Ram, Minimum 128 GB Storage, GPS Capability, Dual Sim/Hybrid Sim, 5g LTE/Volte or better capability, Android OS - 11 or better, Gorilla Glass 4 or better, Splashproof, 20MP Camera or better, 5000mAh or more capacity Battery, Minimum 1 Year warranty, Make:Onleplus, Samsung, Motorola,Sony, Nokia, Mi, Oppo, Vivo, Realme,	No
30	Mobile Handset of 6-6.5 inches in size,Minimum 60 Hz refresh rate, 700 x 1500 or more HD+ Display resolution, Minimum 250 PPI, Minimum 2.2Ghz Processor, Minimum 4GB Ram, Minimum 128 GB Storage, GPS Capability, Dual Sim/Hybrid Sim, 4g LTE/Volte or better capability, Android OS - 11 or better, Splashproof, 12MP Camera or better, 4000mAh or more capacity Battery,Minimum 1 Year warranty Make:Onleplus, Samsung, Motorola, Sony, Nokia, Mi, Oppo, Vivo, Realme,	No
31	PICO/Portable projector with carry Bag Resolution-1920 x 1080, Maximum operating distance-8ft or more than 8ft, Lamp Life: more than 20000 hrs, HDMI: Yes, USB connector type A and C, Built in speaker- 1 or more than 1, speaker output power- more than 4W, 9000mAh or more capacity battery, Built-in Microphone & wifi, warranty: minimum 2 years manufacturers warranty ,Make- BenQ, Acer, Zebronics, Samsung	No
32	2GB additional Graphics Card for Laptop/PC, Brand:	No

	Nvidia/Geforece/AMD/Gigabyte/MSI/Asus/	
33	4GB additional DDR4 RAM for Laptop/PC Brand: IBM/Corsair/Adata/Kingston/Lenovo/Samsung/Dell/HP/Micron/OCZ/G.Skill/Mushkin/ Crucial	No
34	UPS Power Back-up System of 800-1000VA, Battery Type: 12V & 14+Ah, 4 Power Plugin options, Make: Luminous, APC, CyberPower, V-Guard, iBall,INTEX, Zebtronics	No
35	2KVA Online UPS with Battery, Minimum Backup time on full Load: 1 Hour Make: Luminous, Microteck APC, CyberPower, V-Guard, iBall, INTEX, Zebtronics	No
36	Original Latest Window (Pro) Installation	No
37	Original Latest Microsoft office Installation	No
38	Antivirus for PC/Laptop installation, Make- K7, Quickheal , kesperkey, McAfee, Norton or Equivalent	No
39	Compatible Laptop Battery	No
40	Compatible Laptop Charger	No
41	Webcam Minium Specification:FULL HD 1080P resolution /30FPS, minimum Camera mega pixel: 5, Focus type: Autofocus Lens type: Glass, Built-in mic: Stereo, Mic range: Up to 1 m, min 66° Wide-Angle Webcam,Cable length: min. 1.5 m, tripod support, Minimum 1 Year onsite warranty, Make- Logitech, HP, BenQ,	No
42	Chromebook with Touch Screen Display Screen Size: Minimum 11 inches Touchscreen Display, Minimum Resolution: 1366 x 768 Pixels HD LED Backlit LCD Anti-glare Display Processor: Celeron Dual Core or MediaTek MT8183 or better Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Speakers: Built-in Speaker, Built-in Microphone Web Camera: 720p HD Webcam Keyboard: Inbuilt Keyboard Connectivity: Wi-Fi + Bluetooth Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Box Content: Chromebook, Power Adaptor, User Guide, Warranty Documents Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG	No
43	Chromebook Non Touch Screen Size: Minimum 11 inches, Minimum Resolution: 1366 x 768 Pixels Processor: Celeron Dual Core or MediaTek MT8183 or better Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Speakers: Built-in Speaker, Built-in Microphone Web Camera: 720p HD Webcam Keyboard: Inbuilt Keyboard Connectivity: Wifi + Bluetooth Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Box Content: Chromebook, Power Adaptor, User Guide, Warranty Documents Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG	No
44	Chromebook with Detachable Keyboard Screen Size: Minimum 10 inches Touchscreen Display, Minimum Resolution: 1366 x 768 Pixels HD LED Backlit LCD Anti-glare Display Processor: Minimum MediaTek Kompanio 500(8183) or Celeron Dual Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Speakers: Built-in Speaker, Built-in Microphone Web Camera: 720p HD Webcam Connectivity: Wi-Fi + Bluetooth Keyboard: Detachable Keyboard Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty	No

	Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG	
45	<p>Chromebook with Inbuilt Sim Card Slot or E-Sim option Screen Size: Minimum 10 inches, Minimum Resolution: 1366 x 768 Pixels HD LED Backlit LCD Anti-glare Display Processor: Minimum MediaTek Kompanio 500(8183) or Celeron Dual Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Speakers: Built-in Speaker, Built-in Microphone Web Camera: 720p HD Webcam Keyboard: Detachable Keyboard Connectivity: 4G Volte+ Wifi + Bluetooth Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG</p>	No
46	<p>Chromebook for Education (Educational Version) with Touchscreen display. Screen Size: Minimum 10 inches Touchscreen display, Minimum Resolution: 1366 x 768 Pixels Processor: Minimum Celeron Processor or better Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Keyboard: Built-in Keyboard Connectivity: Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG</p>	No
47	<p>Chromebook for Education with Detachable Keyboard (Educational version) Screen Size: Minimum 10 inches Touchscreen Display, Minimum Resolution: 1366 x 768 Pixels HD LED Backlit LCD Anti-glare Display Processor: Minimum Celeron Processor or better Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG</p>	No
48	<p>Chromebook for Education with Non-Touch (Educational version) Screen Size: Minimum 10 inches, Minimum Resolution: 1366 x 768 Pixels Processor: Minimum Celeron Processor or better Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Box Content: Chromebook, Power Adaptor, User Guide, Warranty Documents Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG</p>	No
49	<p>Premium Laptop with inbuilt sim card slot should contain: Laptop, Laptop Bag, Minimum Technical Specs : Minimum 13 Inch Full HD antiglare LED Display, 12th or Higher Gen Core i5 or better ,Minimum 08 GB RAM, Windows 11 inbuilt or higher, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell/HP /Apple/Lenovo/Samsung/Microsoft Surface Pro9 or higher</p>	No
50	<p>Premium Laptop with inbuilt Sim Card slot should contain: Laptop, Laptop Bag, Minimum Technical Specs :Minimum 13 Inch Full HD antiglare LED Display, 12th or Higher Gen Intel EVO Core i7 or better ,16 GB RAM, Windows 11 inbuilt, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell/HP/Apple/Lenovo/Samsung/Microsoft Surface Pro9 or higher</p>	No

51	<p>Business/Professional Series Premium Laptop should contain: Laptop, Laptop Bag, Minimum Technical Specs :Minimum 13 Inch Full HD ant glare LED Display, 13th or Higher Gen Core i5 or better ,16 GB RAM, Windows 11 inbuilt or higher, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg</p> <p>Make and Series: Dell- Latitude, Precision Series /HP- Envy, ZBook, ProBook, Elite Series /Apple/Lenovo ThinkPad L or heigher Series/Samsung Galaxy Book 3 Pro</p>	No
52	<p>Business/Professional Series Premium Laptop should contain: Laptop, Laptop Bag, Minimum Technical Specs : Minimum 13 Inch Full HD ant glare LED Display, 13th or Higher Gen Intel EVO Core i7 or better ,16 GB RAM, Windows 11 inbuilt, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg</p> <p>Make: Dell Xps /HP Spectre, Elite, Zbook /Apple/Lenovo ThinkPad X1 Carbon</p>	No
53	<p>Business/Professional Series Premium Laptop should contain: Laptop, Laptop Bag, Minimum Technical Specs :Minimum 13 Inch Full HD ant glare LED Display, 13th or Higher Gen Core i3 or better ,8 GB RAM, Windows 11 inbuilt or higher, 64bit Operating system, minimum 256 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg</p> <p>Make and Series: Make: Dell/HP/Lenovo/Samsung/Microsoft</p>	No
54	<p>Mobile Handset of 6-6.5 inches in size,Minimum 60 Hz refresh rate, 700 x 1500 or more HD+ Display resolution, Minimum 250 PPI, Minimum 2.2Ghz Processor, Minimum 4GB Ram, Minimum 128 GB Storage, GPS Capability, Dual Sim/Hybrid Sim, 4g LTE/Volte or better capability, Android OS - 11 or better, Splashproof, 12MP Camera or better, 4000mAh or more capacity Battery,Minimum 1 Year warranty</p> <p>Make:Onleplus, Samsung, Sony</p>	No
55	<p>Photography-centric mobile: 1. Camera Setup: - Rear Camera: Triple camera setup with a primary sensor of Minimum 48 megapixels or higher, an ultra-wide-angle lens, and a telephoto lens for versatile photography. - Front Camera: High-resolution front camera of 16 megapixels or higher for stunning selfies. 2. Aperture and Lens: - Wide Aperture: Camera with an aperture of f/1.8 or lower for excellent low-light performance and depth-of-field effects. - Advanced Lens: Optics with optical image stabilization (OIS) for blur-free photos and videos. 3. Image Processing and Modes: - Image Processing: Advanced image processing algorithms for superior image quality, color accuracy, and dynamic range. - Photography Modes: Portrait mode, night mode, panorama, HDR, AI scene recognition, and professional mode for creative flexibility. 4. Video Recording: - Resolution: 4K video recording capability at 30fps or higher for detailed videos. - Stabilization: Optical and electronic image stabilization (OIS and EIS) to reduce camera shake and deliver smooth footage. - Frame Rate: Option to record videos at higher frame rates, such as 60fps or even 120fps, for slow-motion playback. 5. Camera Features: - Autofocus: Fast and accurate autofocus with phase detection autofocus (PDAF) or dual pixel autofocus (DPAF) for quick and precise focusing. - Manual Controls: Pro mode with adjustable settings including ISO, shutter speed, white balance, and focus for full creative control. - Night Mode: Dedicated night mode for capturing stunning low-light photos with reduced noise and enhanced details. - Slow-motion: Ability to capture slow-motion videos at high frame rates, such as 240fps or higher, for captivating slow-motion footage. 6.</p>	No

	<p>Display: - Size and Quality: Large high-resolution AMOLED or IPS display with vibrant colors and excellent viewing angles with Gorilla Glass 5 or better protection 7.</p> <p>Processor and Performance: - Processor: Minimum Octa-core processor with a clock speed of at least 2.0 GHz for smooth performance and efficient multitasking. - RAM: Minimum 6 GB or higher for seamless operation and fast image processing. - Storage: Minimum 128 GB internal storage for storing a large number of photos, videos, and apps. 8. Battery and Charging: - Battery Capacity: Long-lasting battery capacity of at least 4,000mAh for extended usage. - Fast Charging: Support for fast charging technology (25W or higher) to quickly recharge the battery. 9. Connectivity: - Network Support: Dual SIM with 4G/LTE and 5G connectivity for faster data speeds and internet browsing. - Wireless Connectivity: Wi-Fi 6, Bluetooth 5.0 or higher, NFC, and USB Type-C for seamless connectivity and fast data transfer. 10. Operating System: - Latest version of Android(13) or iOS (depending on the device) for a user-friendly experience and access to a wide range of apps. Make/Brand: Samsung/Oneplus/Apple/Motorola</p>	
56	<p>Photography camera: 1. Sensor: - Type: APS-C or Full-frame sensor - Resolution: Minimum 24 megapixels 2. Lens Mount: - Compatible with a wide range of interchangeable lenses 3. Image Processor: - Advanced image processor for fast and efficient image processing 4. Autofocus System: - Fast and accurate autofocus system with a minimum of 45 autofocus points 5. ISO Range: - Wide ISO range for capturing images in various lighting conditions, with minimal noise 6. Shutter Speed: - Fast shutter speed up to 1/4000 sec or higher 7. Burst Shooting: - Continuous shooting at a minimum of 5 frames per second (fps) or higher 8. Viewfinder and LCD: - High-resolution electronic viewfinder (EVF) and tilting LCD screen 9. Video Recording: - 4K video recording capability 10. Image Stabilization: - In-body or lens-based image stabilization 11. Connectivity: - Wi-Fi and Bluetooth connectivity for easy image transfer and remote shooting 12. Battery Life: - Long-lasting battery life for extended shooting sessions 13. Body Design: - Durable and weather-sealed body construction 14. Memory Card: - Dual memory card slots for increased storage capacity and backup options Brand: Nikon/Canon/Sony/Fujifilm</p>	No
57	<p>Point and Shoot Digital Camera Minimum Effective Pixels: 20.3 MP Sensor Type: CMOS Display Type: LCD Display Size: 3 inch Battery Type: Lithium ion Make: Canon/Sony/Fujifilm/Nikon/Panasonic/Kodak</p>	No
58	<p>All in one Inkjet Color Printer Functions: Print, Scan and Copy, Printing Technology: Inkjet Printing Speed: Minimum 7 pages per minute (PPM) Black and 5 Pages PPM in Color Minimum 30 Pages Auto-feeder Connectivity: USB, Ethernet, Wi-Fi Resolution: Minimum to 4800 x 1200 dpi Make: Epson/Canon/HP/Brother/Samsung/Xerox/Ricoh</p>	No
59	<p>All-in-One Wi-Fi Duplex Multifunction ADF InkTank Office/business Printer with PCL support (Color Printer) Minimum Print resolution of 4800 dpi Print Resolution upto: 4,800 x 2,400 DPI Minimum Ink Droplet Size: 3.8 pl Automatic 2-sided Printing: Yes (Up to A4) Print speed Draft Text- Memo, A4 – Upto 32ppm*1 (Black and Colour) Print speed (Simplex) – 25 ppm(Black and Colour) ISO print speed (Duplex) – 21 ppm (Black and Colour)</p>	No

	<p>Supports Wi-Fi printing Supports duplex scanning, PCL and Postscript Scanner Type: Flatbed colour image scanner Sensor Type: CIS Optical Resolution: 1200 x 2400 dpi ADF Specifications: Support Paper Thickness: 64-95 g/m² Paper Capacity: 50 sheets Number of Paper Trays: THREE (2-Front Cassette, 1-Rear Feeder) Standard Paper Input Capacity: Cassette1: 250 sheets; Cassette 2: 250 sheets; Rear feeder: 50 sheets Paper Sizes: A4, Letter, Legal, B4, B5, A5, B6, A6, 8.5 x 13", 5 x 7", 4 x 6", 8 x 10", Legal (8.5 x 14"), 16:9 wide, Envelopes: #10, DL, C6, C4 Printer Language: PCL and Postscript advantage for Professional DTP and graphics applications/Architecture Applications/ Designing Applications Make: Epson/Canon/HP/Brother/Samsung/Xerox/Ricoh</p>	
60	<p>External Solid State Drive (Portable SSD), Capacity : 500 GB Minimum read/write speeds: 1,000 MB/s Hardware Interface: USB 3(Up to 10Gbps, Type C) or better Compatible with mobile/xbox/PS/TV/Tablet/Computer/Camera Warranty: 3 Year Make: Samsung/Seagate/WD/SanDisk</p>	No
61	<p>External Solid State Drive (Portable SSD), Capacity: 1 TB Minimum read/write speeds: 1,000 MB/s Hardware Interface: USB 3(Up to 10Gbps, Type C) or better Compatible with mobile/xbox/PS/TV/Tablet/Computer/Camera Warranty: 3 Year Make: Samsung/Seagate/WD/SanDisk</p>	No
62	<p>PC/Laptop Internal Solid Drive(SSD), Device Type: M.2 SSD Drive Capacity: 256 GB Interface: PCIe NVMe Form Factor: M.2 Make: Samsung/Seagate/WD/SanDisk or Equivalent</p>	No
63	<p>Wireless PA Speaker-Mic System Output Power: Minimum 150W (RMS) Driver Size: 38.1cm (Full range) or better, 2.54cm (Tweeter) Impedance: 4Ω (Full range), 6Ω (Tweeter) or better Frequency Response: 60Hz-19kHz Signal-to-Noise Ratio: ≥80dB File Format Support: MP3, WMA, WAV Line Input: RCA to 3.5mm Max Supported USB/mSD Memory Size: 64GB FM Frequency Range: 87.5 MHz - 108 MHz Charging Time: 6-8 hours Playback Time: 4 hours Bluetooth Version: v4.2 or better Wireless BT, USB x 2, Micro SD, FM, AUX, Mic Input x 2, Guitar IN x 2 Recording Function LED Display 2-Way Speaker Remote Control With Dual UHF Wireless Microphones with Metal Body Volume, Bass & Treble Controls for Speaker Output and Mic Karaoke Mic Volume, Mic Bass & Mic Treble Controls Echo/Delay/Reverb/Guitar Volume Controls Built-in Rechargeable Battery with Support for External Battery 4 Castor Wheels with Retractable Handle Battery Status Indicator on Display</p>	No

	Make: JBL/Sony/Behringer/Yamaha/Bose/Shure/Ahuja/Zebtronics/QSC	
64	Industrial Label/Barcode Printer with Complete Software Suite and Barcode Scanner Combo: Application/Usage: Asset Tagging/Asset Barcoding for assest manegment. Printing Technology: Thermal Transfer and Direct Thermal Print Resolution: 600 dpi Max Print Speed: 5.9 in/s Label Types: Wire Markers, Heat Shrink Labels, Die-Cut Labels, Continuous Labels, Tags Label Width: 4.33 in Maximum Printed Label Length: 9.8 in Connectivity: USB 2.0, Ethernet Software Suite: Complete with a relevant software suite Memory: RAM: X MB, Flash Memory: Y MB Display: Color Supported Barcodes: 1D (Code 39, Code 128, UPC-A) and 2D (QR Code, Data Matrix) Supported OS: Windows Language Support: Multi-language Accessories: Label materials, ribbons Certifications: Compliance with industry standards Product Should include (1) Printer, (1) Configuration Settings Manual, (1) Owners Manual, (1) Product CD with Driver, (1) U.S. Type B Plug Power Cord, (1) USB Cable, (2) 1 In Ribbon Takeup Cores, Software, and compatible same brand scanner for bar code scanning. Make: Brady/Dymo/Zebra	No
65	Metallized polyester label for above barcode printer, Make: Same as Barcode printer	No
66	PET material Piggy bag label, Make: Same as Barcode printer	No
67	Barcode printer compatible Halogen free Ribbon, 300 meter in length, Make: Same as Barcode printer	No

** - Freight – Ex Ranchi

2. Definitions

- "Buyer" means PREJHA Foundation
- "Bidder" means suppliers or contractors who have participated in tender
- "The Vendor" means the supplier or contractor or service provider to whom the Order is addressed.
- "The Purchase Order" means terms and conditions signed between Buyer and the Vendor governing the subjectmatter of this Order
- "The Goods / Services" means the goods or services to be supplied under the Order.

3. Amendment of RFQ

At any time before the submission of Proposals, PREJHA Foundation may amend the RFQ by issuing an addendum in writing or by standard electronic means. The addendum shall be uploaded on the <https://eprocurement.mjunction.in/EPSV2Web/org/PREJHA/home.action> and will be binding on them.

To give Bidders reasonable time in which to take an amendment into account in their Proposals, PREJHA Foundation may, if the amendment is substantial, extend the deadline for the submission of Proposals.

4. Bidding

(to be solely done through portal)

<https://eprocurement.mjunction.in/EPKV2Web/org/PREJHA/home.action>

- a) Offer to be submitted only on e-procurement portal. Hard copy of offer is **not required** to be submitted to PREJHA Foundation. Any offer received in Hard copy shall **not be accepted** and will stand disqualified
- b) Mode of Submission of offer: Being e-tender, offer will be solely submitted online through e-tender portal: <https://eprocurement.mjunction.in/EPKV2Web/org/PREJHA/home.action> through following Application Service Providers (ASPs) appointed by PREJHA:

M/s Mjunction Services Limited, 6thFloor, Tata Centre.43 J N Road,
Kolkata – 700 071,

Contact Person: Helpdesk Officer Sumant Kumar Choudhary
9163348104, sumant.choudary@mjunction.in

- c) They may obtain further information regarding this tender from the office of PREJHA, Kaushal college, Nagratoli road, Circular road, Ranchi – 834001 from 10:00 hours to 17:00 hours on all working daystill the date of bidding is open.

Contact Person: Shekhar Kumar, Procurement, PREJHA
Contact No.: 9835932882
Email-ID:shekhar.k@parfi.org

- d) Bidders are expected to adequately apprise themselves regarding the procedure and provisions available on the e-procurement portal **operated/ maintained** by M/S. Mjunction services limited. Buyer shall not be responsible for any issues related to timely or proper uploading/submission of the bid.

5. Validity of Proposal

Bidders' proposals must remain **valid for a period of min** 180 days after the submission of proposal. Should the need arise, PREJHA Foundation may request Bidders to extend the validity period of their proposals. If a bidder is selected as vendor, his proposal will remain same for whole of the delivery schedule.

6. Submission of proposal

The Proposal as well as all related correspondence exchanged by the bidders and PREJHA Foundation, shall be only through the portal of mjunction and electronic means.

The offer shall be submitted as per the instructions of tender document and as detailed in this RFQ. Price shall be furnished in the relevant price schedule only. In case of any clarification, bidder may contact the concerned contact persons at m junction Services or PREJHA as listed above

7. Latest updates

Latest updates on the critical dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Errata, Modifications, Revisions, etc. to Tender Specifications will be hosted on PREJHA- mjunction webpage. Bidders to keep themselves updated with all such information. Bidders may please visit <https://eprocurement.mjunction.in/EPKV2Web/org/PREJHA/home.action> for document submission.

8. Technical Bid (incl. Pre-Qualification Criteria)

Sl. No	PQR Condition	Bidder Remarks
1	Have previously supplied similar materials to any institutional buyers such as listed private or public sector companies or NSDC affiliated or Governmental/Quasi-governmental training enterprises within the past 4 years. Previous PO copies will be required. or Authorized Dealer/OEM Certified/Bonafide E-marketplace/Authorized Aggregator of such goods	

Bidder should submit the prequalification documents at the portal.

9. Financial Proposal

Financial Proposal must be submitted in the format shared in this RFQ. Financial proposal must be shared in the same format as provided else it shall be declared non-responsive.

10. Empanelment followed by Letter of Award

1. The technical bid (incl. pre-qualification criteria) will be verified by PREJHA Foundation. The Procurement System will determine the lowest financial bid including on a possible line-item basis among the technically qualified bidders.
2. PREJHA Foundation shall award the Empanelment Contract possibly with SOR to successful bidders and then issue the purchase order that may be deemed as a Letter of Award (LOA) for the estimated order value along with terms & Conditions governing the Award and notify the same to the bidder through email. The selected bidder shall submit security deposit of 5% of the estimated order value in the form of either a bank guarantee from a scheduled bank or a PDC or a DD drawn on any scheduled bank in favor of "PanIIT Alumni Reach for Jharkhand Foundation" payable at par in Ranchi.
3. The selected bidder is expected to commence the assignment on the date and at the location specified in the LOA/Contract.
4. If the selected bidder does not sign the Contract within the stipulated period, the LOA may be cancelled, and the next lowest bidder will be considered for award of Contract.
5. If at any stage in the bidding process including after bid opening or Issuance of Purchase orders pertaining to this RFQ, PREJHA believe that the Bidders do not meet the requisite Technical criteria set out in the Bid Document or delivery schedule or that the rate quoted

exceeds its own estimates for the supply value, PREJHA reserves the right to cancel the tender or particular line item(s) without incurring any obligation or liability towards the tenderers.

6. PREJHA Foundation reserves the right to issue a part order of any 'line item' or sets of line items from BoQ in the bid to another empaneled vendor based on cost, time & quality considerations at its sole discretion. The transport cost in such cases will be on actual basis.
7. Purchase Orders & Delivery details Over the validity of this RFQ, purchase orders with specified quantity & delivery details would be issued as per requirements
8. Delivery time is the essence of this order and must be strictly adhered to. If the vendor fails to deliver the goods in time, the Buyer may, at its sole discretion:
 - Treat the order as cancelled at any time and recover any loss or damage from the vendor by invoking Security Deposit;

11. purchase the goods ordered or any part thereof from other sources on the vendor's account, in which case, the Vendor shall be liable to pay the Buyer not only the difference between the price at which such goods have been purchased and the price calculated at the rate set out in this order, but also any other loss or damage the Buyer may suffer.

12. Indicative Delivery Schedule

- Goods to be delivered at our Gurukul as per following as needed:

Sl. No	Delivery Location	Delivery Schedule
1	Kaushal College, Latehar	Within 15 days of signing the contract
2	Kaushal College, Jamtara	
3	Kaushal College, Udhwa, Sahibganj	
4	Kaushal College, Ranchi	
5	Kaushal College, Simdega	
6	Kalyan Gurukul, Sahibganj	
7	Kalyan Gurukul, Bedo	
8	Kalyan Gurukul, Ramgarh	
9	Kalyan Gurukul, Giridih	
10	Kalyan Gurukul, Godda	
11	Kalyan Gurukul, Khunti	
12	Kalyan Gurukul, Kanke1	
13	Kalyan Gurukul, Chatra	

13. *Payment Terms*

- a. 100% within 60 days of delivery on submission of invoice & delivery challan for each unit. If the vendor delivers goods within 7 days of order confirmation, 100% payment will be done within 45 days.

- b. If a vendor fails to deliver the goods as per the delivery schedule. PREJHA foundation is entitled to delay payment by 2 days for each day delay in delivery. If such delay extends beyond 7 days, it could lead to possible forfeiture of security deposit.

14. Unloading

- a. Unloading is in Vendor's scope, cost & arrangement will be borne by Vendor.
- b. The risk of all materials till receipt at location will be in vendor's scope.

15. Quality of goods and services.

The Vendor should warrant to PREJHA that:

- The Goods and Services would conform in all respects to the Order and to recognized Indian or equivalent standards and codes (where applicable) and be at the complete satisfaction of Buyer.
- The said good/services processed and delivered by the Vendor shall be made from good quality bought out components/materials, as acceptable to the Buyer and it should have standard/excellent workmanship and fit for their intended purpose.

16. Warranty/ Guarantee

- a) The said goods/services delivered by the Vendor should be identical to the sample/specification given by the Vendor.
- b) Where the said goods/services delivered by the Vendor to the Buyer is according to sample as well as certain specification/description, if any, the said goods/services processed and delivered, shall match not only with the said sample, but also with the said specification/description.
- c) If deficiency is identified before or during the transfer of risk or during the Guarantee/warranty Period, the Vendor must at its own expense and at the discretion of the Buyer either repair the deficiency or provide re-performance of the Services or replacement of delivery. This provision also applies to delivery subject to inspection by sample test. The discretion of the Buyer shall be final.

17. Inspection

- a) All materials supplied against the order should conform strictly to the specifications laid down by the Buyer, and should be new, merchantable quality, fit for their intended purpose and should be in line with "Quality Assurance Plan", if any, which must be approved in advance by the Buyer. All such materials will be subject to inspection and approval by the Buyer, either at the Vendor's premises and/or at the place of delivery indicated by the Buyer.
- b) The Buyer reserves the rights to inspect the material at any stage during manufacture or supply and reject the same if found defective or not in conformity with the specifications or not fit for their intended purpose without invalidating the remainder of the order, if so desired by the Buyer.
- c) All rejected material from the Buyer's site store shall be removed by the vendor at their own cost

positively within 15 days from the date of rejection note / intimation issued by the Buyer to them. In case of any failure to remove the same by the vendor within the stipulated period, the Buyer shall have all rights to remove the rejected materials/goods from their premises and discard it. Any cost on this account would be debited to vendor's account.

- d) The Buyer under no circumstances will be liable or held accountable for any damage, loss, deterioration of the rejected materials/goods for discarding the material/goods, or for any value for it.

18. Damage or loss in transit

- a) Subject to the terms of the Order, the Vendor undertakes at its own expense to replace goods lost or damaged in transit.
- b) The delivery will not be deemed to have taken place until replacement items are delivered to the satisfaction of the Buyer.

19. Ownership and risk

Subject to the terms of the delivery and without prejudice to PREJHA Foundation's other rights under the Conditions of the Order:

- a) Ownership in the Goods shall pass to PREJHA on delivery and acceptance.
- b) Risk in the Goods shall pass to PREJHA on delivery, save where the Order includes installation, in which case risk shall not pass to PREJHA until completion of the installation work.

20. Fraud/Corruption

PREJHA Foundation requires that the bidders participating in the selection process adhere to the highest ethical standards, both during the selection process and throughout the execution of the Contract.

PREJHA Foundation will terminate the Contract, if already awarded and will declare the bidder ineligible, either indefinitely or for a stipulated period, to be awarded a Contract, if at any time it determines that the bidder has in contravention to the undertaking given in the Bid document and/or contract, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Contract as enshrined in the undertaking in bidding document and contract

21. Conflicting relationships

Bidder has an obligation to disclose as part of the bid document any situation of actual or potential conflict that impacts their capacity to serve the best interest of PREJHA Foundation, or that may reasonably be perceived as having this effect. Failure to disclose the said situations may lead to the disqualification of the bidder or the termination of its Contract.

22. Jurisdiction.

The disputes if any between the parties shall be subject to the exclusive jurisdiction of the courts in Ranchi alone.

STANDARD FORMS

TECH FORMS	FORM NAME	Mention list of all supporting documents attached (if any)
TECH-1	Letter of proposal submission	Pls scan & attach
Pancard	Pan card	Pls scan & attach
GST Return	Latest GST Return document(GSTR-3B)	Pls scan & attach
PQ	Pre-Qualification Document	Pls scan & attach

Form Tech 1: Letter

(On Bidder's Letter-head)
Letter of Proposal Submission

To,
Executive Director

PanIT Alumni Reach For Jharkhand Foundation
Kalyan Complex, Balihar Road, Morabadi, Ranchi –
834008, Jharkhand

We, the undersigned, offer to supply Computers and IT Equipment for PREJHA Foundation, in accordance with your Request for Quotation dated 30-08-2023. We are hereby submitting our proposal, which includes this Technical Proposal, and the Financial Proposal as indicated

We undertake the total responsibility for supply of the goods, if awarded to us.

We hereby declare that all the information and statements made in this proposal are true and accept that any misrepresentation contained in it may lead to our disqualification.

We understand that **PREJHA Foundation** is not bound to accept any proposal it receives.

We further state that we understand that PREJHA Foundation will terminate the Contract, if already awarded and will declare the bidder ineligible, either indefinitely or for a stipulated period, to be awarded a Contract, if at any time it determines that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing a Contract.

Yours faithfully,

*Authorized Signatory [*In full and Designation*]: Name and Title of Signatory:

Name of

Bidder:

Address:

Form Fin1: Financial Bid Proforma

TENDER PROFORMA for Commercial		
PREJHA Reference No		
Name of Bidder		

SN	Item Description	Estima ted Qty	Unit Rate	Estimated Value	Tax %	Tax	Frei ght
1	All In One Desktop, i3 should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adapter, user Manuals, Warranty Documents Minimum Technical Specs : Full HD Screen Minimum 21 inches, 12th or better Generation Core i3 ,4 GB RAM, Minimum 512 GB SSD, Windows 11 original or better, Built-in Webcam,2 x USB 2.0 (REAR), 2 x USB 3.0 (SIDE), Intel UHD Graphics, Built-in Microphone, Speakers, HDMI port, Headphone Jack,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Samsung/Micros oft	40					
2	All In One Desktop, i5, should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adapter, user Manuals, Warranty Documents Minimum Technical Specs : Full HD Screen Minimum 21 inches, Minimum 12th Generation Core i5 ,8 GB RAM, Minimum 512 GB SSD, Windows 11 Original or better, Built-in Webcam,2 x USB 2.0 (REAR), 2 x USB 3.0 (SIDE), Intel UHD Graphics, Built-in Microphone, Speakers, HDMI port, Headphone Jack,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Compaq/Samsu ng/Microsoft	30					
3	All In One Desktop, i7 should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adapter, user Manuals, Warranty Documents Minimum Technical Specs : Full HD Screen Minimum 21 inches, Minimum 12th Generation Core i7 ,Minimum 16 GB RAM, Minimum 512 GB SSD, 4 GB Nvidia Graphics card, Windows 11 Original or better ,Built-in Webcam,2 x USB 2.0 (REAR), 2 x USB 3.0 (SIDE), Intel UHD Graphics, Built-in Microphone, Speakers, HDMI port,	5					

	Headphone Jack,3 year onsite warranty Make: HP/DELL/Apple/Microsoft/Samsung						
4	All In One Desktop, Intel Pentium Gold /AMD Ryzen 3 Should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adaptor, User Manuals, Warranty Documents Minimum Technical Specs : Minimum 19 inch Screen Full HD LED Widescreen Display, Processor: Minimum Intel Pentium Gold ,4 GB RAM, Minimum 500 GB HDD/512GB SSD, Window 10 Original or better,1 x USB 2.0, 1 x USB 3.0,Wi-Fi (802.11 AC), Intel UHD Graphics, HDMI port, Headphone Jack,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Compaq/Samsung/Microsoft	50					
5	All In One Desktop (Black/Grey), Intel Celeron/AMD Athlon Should contain All In One Computer, Wired Keyboard, Wired Mouse, Power Adaptor, User Manuals, Warranty Documents Minimum Technical Specs : Minimum 19 inch Screen Full HD LED Widescreen Display, Intel Celeron ,4 GB RAM, Minimum 500 GB HDD, Window 10 Original or better,1 x USB 2.0, 1 x USB 3.0,Wi-Fi (802.11 AC), Intel UHD Graphics, HDMI port, Headphone Jack,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Compaq/Samsung/Microsoft	50					
6	Keyboard Wired: 104 Windows Keyboard, 24 key rollover, Including Number pad, Black, Make: HP, Dell, Logitech, Lenovo	25					
7	Wired Mouse Optical or Laser: 2 buttons, Centre Scroll wheel with integrated middle mouse button, Wire length: 5 feet or more, 1000DPI Sensor or more, Make: HP, Dell, Logitech, Lenovo	25					
8	Wireless Mouse Technical Specifications: Connectivity: 2.4 GHz wireless technology Resolution: Minimum 1000 DPI and adjustable upto 1800 Number of Buttons: 3 buttons (left, right, scroll wheel) Compatibility: Windows, Mac, Chrome OS, Linux Connectivity Range: Reliable wireless connectivity up to 10 meters Interface: USB receiver for plug-and-play convenience Tracking Technology: Optical tracking for smooth and precise cursor control	20					

	Make: Logitech/Hp/Dell/Razer/Microsoft/Corsair						
9	Laptop, Intel Celeron or Equivalent should contain: Laptop, Laptop Bag, Minimum Technical Specs : (14-16) inch Screen , Intel Celeron ,4 GB RAM, Minimum 256 GB SSD, Window 10 Original or better,1 x USB 2.0, 1 x USB 3.0, Intel UHD Graphics, HDMI port,Built-in Dual Speakers, Webcam ,3 year onsite warranty Make: LENOVO/HP/DELL/Acer/ASUS/Compaq/Samsung/Microsoft	25					
10	Laptop , i3 should contain: Laptop, Laptop Bag, Minimum Technical Specs :(14-16) Inch HD LED Backlit Bright View Display,12th (or higher) Gen Core i3 ,4 GB RAM, Minimum 512 GB SSD, Inbuilt Windows 11 or higher Built-in Digital Microphone, Intel UHD Graphics, Built-in Dual Speakers, HD Webcam,1 x USB 2.0, 2 x USB 3.1, HDMI Port, 3 year onsite warranty, Minimum 5 hour Battery Backup, Laptop weight not more than 2kg Make: Dell/HP/Lenovo/Apple/Microsoft/Asus/Samsung	30					
11	Laptop, i5, should contain: Laptop, Laptop Bag, Minimum Technical Specs : Slim & Sleek ,(14-16) inch Screen Full HD LED Widescreen Display, Intel Core i5 12th or higher Gen, 8 GB DDR4 RAM, 512GB SSD, Inbuilt Windows 11 or higher, 1 x USB 2.0, 1 x USB 3.0,HDMI port, Headphone Jack,3 year onsite warranty, Laptop weight not more than 1.5 kg, Battery Life: Upto 5 hours Make: Dell/HP/Lenovo/Apple/Microsoft/Samsung	30					
12	Business/Professional Series Laptop, i5 should contain: Laptop, Laptop Bag, Minimum Technical Specs :(13-14) Inch Full HD antiglare LED Display, 13th or Higher Gen Core i5 ,16 GB RAM, Windows 11 inbuilt or higher, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell/HP /Apple/Microsoft/Samsung	20					

13	Business/Professional Series Laptop, i7 should contain: Laptop, Laptop Bag, Minimum Technical Specs :(13-14) Inch Full HD antiglare LED Display, 13th or Higher Gen Intel EVO Core i7 ,16 GB RAM, Windows 11 inbuilt, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, 2GB Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell/HP/Apple/Microsoft/Samsung/	10					
14	Monitor Screen 20.5-22.5 inches, Full HD 1080p, 1 Year onsite warranty, Make:LENOVO/HP/DELL/Acer/ASUS/Compaq/LG/Samsung	10					
15	All in one Ink-Tank Color Printer Functions: Print, Scan and Copy Printing Technology: Inkjet Printing Speed: Minimum 20 pages per minute (PPM) Black and 20 Pages PPM in Color Connectivity: USB, Ethernet, Wi-Fi Resolution: Minimum to 4800 x 1200 dpi for sharp and vibrant prints Ink Tank System: Large capacity ink tanks for continuous and cost-effective printing Paper Handling: Automatic duplex printing, supports various paper sizes and types Mobile Printing: Compatibility with mobile devices for wireless printing convenience LCD Display: Built-in LCD screen for easy navigation and settings adjustment, Minimum 1 Year onsite warranty Make: Epson/Canon/HP/Brother/Samsung/Xerox/Ricoh	10					
16	All in one Laser Printer (Print, Scan and copy) Black Mono Laser Multi-Function , Print speed: Minimum 20 pages per minute Manual Duplex Print, Low cost printing per page, Multi-function screen, Print resolution 600 x 600 dpi dpi, Page size supported -A6, A4, A5, B5, C5, DL , Minimum 1 Year onsite warranty; Make: HP, Epson, Brother,Canon, Samsung,Xerox, Ricoh	10					
17	All in one Laser Printer (Printer-Scanner Combo) Black Mono Laser Multi-Function with Wi-Fi and Automatic Duplex feature Print speed:	10					

	<p>Minimum 30 pages per minute Automatic duplex printing Wireless printing Low cost printing per page Wi-Fi Enabled, Multi-function screen, Print resolution 600 x 600 dpi HQ1200 (2400 x 600 dpi) quality 1200 x 1200 dpi, Page size supported - A4, A5, B5, C5, C6, DL, Postcard ; Duplex Print, Minimum 1 Year onsite warranty, Make: Epson, Brother, HP, Canon, Samsung,Xerox, Ricoh</p>						
18	<p>All in one Laser Color Printer (Printer-Scanner Combo) Color, Colour LED Multi-Function Centre with Wireless & Network Connectivity, Automatic 2-sided Colour Print, ADF - Multi-page Scan & Copy, High Productivity with Fast Print Speeds, Wi-Fi Direct, Mobile & USB Print, Low Cost Quality Print Resolution with Affordable Toner Print resolution - 600 x 600 dpi, 2,400 dpi (600 x 2400) quality, Page size supported - A4, A5, B5, C5, C6, DL, Postcard ; Duplex Print, PRINTER TYPE: Color LED Printer PRINT SPEED: Up to 18/19 ppm (A4/LTR) PAPER CAPACITY: 250 sheets (80 gsm) Color Copy, Minimum 1 Year onsite warranty Make: Epson, Brother, HP, Canon</p>	10					
19	<p>All in One Laser Printer (Institution/Enterprises Model for Large office usage): Print Speed (A4) (Color) - Color - 30 PPM; Print Speed (A4)- MONO - 30-40 PPM; Network Capability – Yes; Simplex –Yes; Paper Size - A4; Other Specifications:- Cartridge Technology Composite; Wireless Yes; USB yes, ethernet yes, Duplex Yes, Automatic Document Feeder; Resolution 1200x600 dpi; Paper Tray Capacity 150 Sheets; Number Of Paper Trays 2; Print Language PCL 6; Warranty 2 or More Year(s) Perfect for small business/Organisation FUNCTIONS: Print scan copy and fax PORTS: 1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit 10/100/1000T Ethernet; 1 WiFi 802.11 b/g/n; 2 RJ-11 WIRELESS CAPABILITY: Yes, built-in Gigabit 10/100/1000T Ethernet, Wi-Fi 802.11b/g/n, Auto Wireless Connect PAPER HANDLING INPUT, STANDARD:100-sheet multipurpose tray, 250-sheet input tray 2, 50-sheet automatic document feeder DISPLAY: Minimum 8.89 cm (3.5) touchscreen,</p>	10					

	<p>LCD (colour graphics) SCAN SPEED (NORMAL, A4): Up to 20 ipm (b&w), up to 14 ipm (color)</p> <p>NUMBER OF PRINT CARTRIDGES: 4 (1 each black, cyan, magenta, yellow)</p> <p>Minimum Page Yields per cartridges: Minimum 5500 Page</p> <p>COPY SPEED (COLOUR, NORMAL QUALITY, A4): Up to 30 cpm</p> <p>POWER:110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A</p> <p>Minimum 1 Year onsite warranty</p> <p>Model: HP, EPSON, Brother, Canon, Panasonic, Ricoh, Xerox, Samsung</p>						
20	<p>OMR sheet Reader Machine Scanning Speed: 30+ PPM</p> <p>Resolution: 600 DPI or higher</p> <p>Document Types: OMR forms and sheets</p> <p>Scan Mode: Duplex scanning</p> <p>Paper Size: A4, Letter, Legal, or Custom sizes</p> <p>Feeder Capacity: Minimum 50 sheets or more</p> <p>Scanning Method: CIS or CCD sensors</p> <p>Optical Density: 2.0 D or higher</p> <p>Gray Levels: 256 levels or more</p> <p>Output Formats: JPEG, TIFF, PDF, Excel, DBF, MBD,XML, CSV, Connectivity: USB 3.0 or higher</p> <p>Software Compatibility: Advanced OMR software</p> <p>Operating System Compatibility: Windows, macOS, Linux</p> <p>Make: Kodak, Fujitsu, HP, IntelliScanner, Addmen, Skantron, Canon, Epson, Ricoh</p>	2					
21	<p>Supply and installation of Dual Band Wifi Router with integrated modem, Dual Band Router: 5000 Sqft range. Simultaneous 2.4GHz minimum 600Mbps and 5GHz minimum 1900Mbps or more connections</p> <p>Warranty: Minimum 1 year</p> <p>Make: Linksys/Cisco/Netgear/Asus/T-Link/TL-Link/Google/Unifi</p>	20					
22	<p>Supply and installation of Dual/Tri Band Wifi - 6 Router with integrated modem, MU-MiMo Technology. Simultaneous 2.4GHz minimum 1100Mbps and 5GHz minimum 5500Mbps or Better, Warranty: Minimum 1 year</p> <p>Make: Cisco/Netgear/Asus/T-Link/TL-Link/Google/Unifi/Amplifi</p>	20					
23	<p>Wi-Fi Range Extender: 802.11 b/g/n and ac WiFi devices, 2.4 and 5GHz WiFi up to 1200Mbps and reduce interference, Make: Linksys/Cisco/Netgear/Asus/T-Link/TL-</p>	5					

	Link/Google/Unifi/Tenda						
24	Over the Ear Headphone with HD Audio with noise cancellation Boom mic On-ear/In-Line controls. Leather-feel ear cushions and around-the-ear design for all-day use Technical Specification: Sensitivity (headphone): In the range 75 dB to 130dB Sensitivity (microphone): -40dBV/Pa to -60 dBV/Pa Frequency response Make: Sennheiser, JBL, Logitech, Jabra, Plantronics, Bose, Audio-Technica, Beyerdynamic, Shure, SONY, Panasonic, Philips, RHA, AKG	20					
25	Portable Bluetooth Speaker: min speaker output 15w, Battery backup-min 5 hrs,bluetooth range more than 9m, 1500mAh or more than 1500 mAh battery capacity, Wired mic, RGB LED, AUX, USB, Micro SD, Built in Rechargeable Battery and Mobile Holder, Minimum 1 Year onsite warranty, Make- Zebronics, JBL, Boat, Bose	30					
26	Portable Hard Disk - 1TB, USB 3.0, Data Transfer Rate 600MB/Sec or more, Make: Transcend, Samsung, SanDisk, WD, Seagate or comparable brands	10					
27	Pen drive: 32 GB, USB 3.0 or better, Make: Transcend, Samsung, SanDisk, WD, Seagate or comparable brands	100					
28	1 KVA Online UPS (Single Phase) Technical specifications <ul style="list-style-type: none"> • Power Capacity: 1 KVA (1000 VA) • Input Voltage: 230V \pm 10% • Output Voltage: 230V \pm 1% • Frequency: 50/60 Hz \pm 0.1% • UPS Topology: Online Double Conversion • Battery: Included • DC Voltage: Minimum 36 V(7 AH 12 V* 3 Nos. Battery inside) • Backup Time: Minimum 15 Minute at full load. • Efficiency: Above 90% • Energy-saving Mode: Supported • Surge Protection: Included • Voltage Regulation: Automatic • Output Waveform: Pure sine wave • Overload Protection: Included • Transfer Time: Zero • Display: LCD • Audible Alarms: Included • Cooling: Efficient system 	10					

	<ul style="list-style-type: none"> • Safety Standards: Compliant • EMC Compliance: Compliant • Warranty: Minimum 2 years, including battery <p>Make: APC/Emerson/Luminous/Microtek/Delta Power/Su-Kam/Numeric/CyberPower/Uniline/Riello/Hitachi/ Legrand/Eaton</p>						
29	<p>Mobile Handset of 5.5-6.5 inches in size, Minimum 60 Hz refresh rate, 1080 Full HD Display resolution, Minimum 350 PPI, Minimum 2.5Ghz Processor, Minimum 6GB Ram, Minimum 128 GB Storage, GPS Capability, Dual Sim/Hybrid Sim, 5g LTE/Volte or better capability, Android OS - 11 or better, Gorilla Glass 4 or better, Splashproof, 20MP Camera or better, 5000mAh or more capacity Battery, Minimum 1 Year warranty, Make: Onleplus, Samsung, Motorola, Sony, Nokia, Mi, Oppo, Vivo, Realme,</p>	10					
30	<p>Mobile Handset of 6-6.5 inches in size, Minimum 60 Hz refresh rate, 700 x 1500 or more HD+ Display resolution, Minimum 250 PPI, Minimum 2.2Ghz Processor, Minimum 4GB Ram, Minimum 128 GB Storage, GPS Capability, Dual Sim/Hybrid Sim, 4g LTE/Volte or better capability, Android OS - 11 or better, Splashproof, 12MP Camera or better, 4000mAh or more capacity Battery, Minimum 1 Year warranty Make: Onleplus, Samsung, Motorola, Sony, Nokia, Mi, Oppo, Vivo, Realme,</p>	20					
31	<p>PICO/Portable projector with carry Bag Resolution-1920 x 1080, Maximum operating distance-8ft or more than 8ft, Lamp Life: more than 20000 hrs, HDMI: Yes, USB connector type A and C, Built in speaker- 1 or more than 1, speaker output power- more than 4W, 9000mAh or more capacity battery, Built-in Microphone & wifi, warranty: minimum 2 years manufacturers warranty, Make- BenQ, Acer, Zebronic, Samsung</p>	10					
32	<p>2GB additional Graphics Card for Laptop/PC, Brand: Nvidia/Geforce/AMD/Gigabyte/MSI/Asus/</p>	5					
33	<p>4GB additional DDR4 RAM for Laptop/PC Brand:</p>	5					

	IBM/Corsair/Adata/Kingston/Lenovo/Samsung /Dell/HP/Micron/OCZ/G.Skill/Mushkin/ Crucial						
34	UPS Power Back-up System of 800-1000VA, Battery Type: 12V & 14+Ah, 4 Power Plugin options, Make: Luminous, APC, CyberPower, V-Guard, iBall,INTEX, Zebtronics	4					
35	2KVA Online UPS with Battery, Minimum Backup time on full Load: 1 Hour Make: Luminous, Microteck APC, CyberPower, V-Guard, iBall, INTEX, Zebtronics	1					
36	Original Latest Window (Pro) Installation	5					
37	Original Latest Microsoft office Installation	5					
38	Antivirus for PC/Laptop installation, Make- K7, Quickheal , kesperkey, McAfee, Norton or Equivalent	5					
39	Compatible Laptop Battery	5					
40	Compatible Laptop Charger	5					
41	Webcam Minium Specification:FULL HD 1080P resolution /30FPS, minimum Camera mega pixel: 5, Focus type: Autofocus Lens type: Glass, Built-in mic: Stereo, Mic range: Up to 1 m, min 66° Wide-Angle Webcam,Cable length: min. 1.5 m, tripod support, Minimum 1 Year onsite warranty, Make- Logitech, HP, BenQ,	2					
42	Chromebook with Touch Screen Display Screen Size: Minimum 11 inches Touchscreen Display, Minimum Resolution: 1366 x 768 Pixels HD LED Backlit LCD Anti-glare Display Processor: Celeron Dual Core or MediaTek MT8183 or better Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Speakers: Built-in Speaker, Built-in Microphone Web Camera: 720p HD Webcam Keyboard: Inbuilt Keyboard Connectivity: Wi-Fi + Bluetooth Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Box Content: Chromebook, Power Adaptor, User Guide, Warranty Documents Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG	240					
43	Chromebook Non Touch Screen Size: Minimum 11 inches, Minimum Resolution: 1366 x 768 Pixels Processor: Celeron Dual Core or MediaTek MT8183 or better Storage: RAM: Minimum 4 HB, Minimum 32 GB	240					

	<p>storage. OS: Chrome OS Speakers: Built-in Speaker, Built-in Microphone Web Camera: 720p HD Webcam Keyboard: Inbuilt Keyboard Connectivity: Wifi + Bluetooth Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Box Content: Chromebook, Power Adaptor, User Guide, Warranty Documents Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG</p>						
44	<p>Chromebook with Detachable Keyboard Screen Size: Minimum 10 inches Touchscreen Display, Minimum Resolution: 1366 x 768 Pixels HD LED Backlit LCD Anti-glare Display Processor: Minimum MediaTek Kompanio 500(8183) or Celeron Dual Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Speakers: Built-in Speaker, Built-in Microphone Web Camera: 720p HD Webcam Connectivity: Wi-Fi + Bluetooth Keyboard: Detachable Keyboard Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG</p>	240					
45	<p>Chromebook with Inbuilt Sim Card Slot or E-Sim option Screen Size: Minimum 10 inches, Minimum Resolution: 1366 x 768 Pixels HD LED Backlit LCD Anti-glare Display Processor: Minimum MediaTek Kompanio 500(8183) or Celeron Dual Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Speakers: Built-in Speaker, Built-in Microphone Web Camera: 720p HD Webcam Keyboard: Detachable Keyboard Connectivity: 4G Volte+ Wifi + Bluetooth Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG</p>	240					
46	<p>Chromebook for Education (Educational Version) with Touchscreen display. Screen Size: Minimum 10 inches Touchscreen display, Minimum Resolution: 1366 x 768 Pixels Processor: Minimum Celeron Processor or better</p>	240					

	Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Keyboard: Built-in Keyboard Connectivity: Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG						
47	Chromebook for Education with Detachable Keyboard (Educational version) Screen Size: Minimum 10 inches Touchscreen Display, Minimum Resolution: 1366 x 768 Pixels HD LED Backlit LCD Anti-glare Display Processor: Minimum Celeron Processor or better Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Power Supply: Minimum 45W AC Adapter Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG	240					
48	Chromebook for Education with Non-Touch (Educational version) Screen Size: Minimum 10 inches, Minimum Resolution: 1366 x 768 Pixels Processor: Minimum Celeron Processor or better Storage: RAM: Minimum 4 HB, Minimum 32 GB storage. OS: Chrome OS Box Content: Chromebook, Power Adaptor, User Guide, Warranty Documents Minimum 2 Year onsite warranty Make: GOOGLE/HP/DELL /LENOVO/ASUS/ACER/SAMSUNG	240					
49	Premium Laptop with inbuilt sim card slot should contain: Laptop, Laptop Bag, Minimum Technical Specs : Minimum 13 Inch Full HD antiglare LED Display, 12th or Higher Gen Core i5 or better ,Minimum 08 GB RAM, Windows 11 inbuilt or higher, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell/HP /Apple/Lenovo/Samsung/Microsoft Surface Pro9 or higher	5					
50	Premium Laptop with inbuilt Sim Card slot should contain: Laptop, Laptop Bag, Minimum Technical Specs :Minimum 13 Inch Full HD	5					

	antiglare LED Display, 12th or Higher Gen Intel EVO Core i7 or better ,16 GB RAM, Windows 11 inbuilt, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell/HP/Apple/Lenovo/Samsung/Microsoft Surface Pro9 or higher						
51	Business/Professional Series Premium Laptop should contain: Laptop, Laptop Bag, Minimum Technical Specs :Minimum 13 Inch Full HD anti-glare LED Display, 13th or Higher Gen Core i5 or better ,16 GB RAM, Windows 11 inbuilt or higher, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make and Series: Dell- Latitude, Precision Series /HP- Envy, ZBook, ProBook, Elite Series /Apple/Lenovo ThinkPad L or higher Series/Samsung Galaxy Book 3 Pro	10					
52	Business/Professional Series Premium Laptop should contain: Laptop, Laptop Bag, Minimum Technical Specs : Minimum 13 Inch Full HD anti-glare LED Display, 13th or Higher Gen Intel EVO Core i7 or better ,16 GB RAM, Windows 11 inbuilt, 64bit Operating system, minimum 512 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor with fast charging, Laptop weight not more than 1.6 kg Make: Dell Xps /HP Spectre, Elite, Zbook /Apple/Lenovo ThinkPad X1 Carbon	5					
53	Business/Professional Series Premium Laptop should contain: Laptop, Laptop Bag, Minimum Technical Specs :Minimum 13 Inch Full HD anti-glare LED Display, 13th or Higher Gen Core i3 or better ,8 GB RAM, Windows 11 inbuilt or higher, 64bit Operating system, minimum 256 GB SSD, Built-in Digital Microphone, Built-in Graphic Card, 2 USB C port, 2 x USB 3.1, 3 year onsite warranty, 6 hour Battery Backup, Minimum 65 W Adaptor	5					

	with fast charging, Laptop weight not more than 1.6 kg Make and Series: Make: Dell/HP/Lenovo/Samsung/Microsoft						
54	Mobile Handset of 6-6.5 inches in size, Minimum 60 Hz refresh rate, 700 x 1500 or more HD+ Display resolution, Minimum 250 PPI, Minimum 2.2Ghz Processor, Minimum 4GB Ram, Minimum 128 GB Storage, GPS Capability, Dual Sim/Hybrid Sim, 4g LTE/Volte or better capability, Android OS - 11 or better, Splashproof, 12MP Camera or better, 4000mAh or more capacity Battery, Minimum 1 Year warranty Make: Onleplus, Samsung, Sony	20					
55	Photography-centric mobile: 1. Camera Setup: - Rear Camera: Triple camera setup with a primary sensor of Minimum 48 megapixels or higher, an ultra-wide-angle lens, and a telephoto lens for versatile photography. - Front Camera: High-resolution front camera of 16 megapixels or higher for stunning selfies. 2. Aperture and Lens: - Wide Aperture: Camera with an aperture of f/1.8 or lower for excellent low-light performance and depth-of-field effects. - Advanced Lens: Optics with optical image stabilization (OIS) for blur-free photos and videos. 3. Image Processing and Modes: - Image Processing: Advanced image processing algorithms for superior image quality, color accuracy, and dynamic range. - Photography Modes: Portrait mode, night mode, panorama, HDR, AI scene recognition, and professional mode for creative flexibility. 4. Video Recording: - Resolution: 4K video recording capability at 30fps or higher for detailed videos. - Stabilization: Optical and electronic image stabilization (OIS and EIS) to reduce camera shake and deliver smooth footage. - Frame Rate: Option to record videos at higher frame rates, such as 60fps or even 120fps, for slow-motion playback. 5. Camera Features: - Autofocus: Fast and accurate autofocus with phase detection autofocus (PDAF) or dual pixel autofocus (DPAF) for quick and precise focusing. - Manual Controls: Pro mode with adjustable settings including ISO, shutter speed, white balance, and focus for full creative control. -	10					

	<p>Night Mode: Dedicated night mode for capturing stunning low-light photos with reduced noise and enhanced details. - Slow-motion: Ability to capture slow-motion videos at high frame rates, such as 240fps or higher, for captivating slow-motion footage. 6. Display: - Size and Quality: Large high-resolution AMOLED or IPS display with vibrant colors and excellent viewing angles with Gorilla Glass 5 or better protection 7. Processor and Performance: - Processor: Minimum Octa-core processor with a clock speed of at least 2.0 GHz for smooth performance and efficient multitasking. - RAM: Minimum 6 GB or higher for seamless operation and fast image processing. - Storage: Minimum 128 GB internal storage for storing a large number of photos, videos, and apps. 8. Battery and Charging: - Battery Capacity: Long-lasting battery capacity of at least 4,000mAh for extended usage. - Fast Charging: Support for fast charging technology (25W or higher) to quickly recharge the battery. 9. Connectivity: - Network Support: Dual SIM with 4G/LTE and 5G connectivity for faster data speeds and internet browsing. - Wireless Connectivity: Wi-Fi 6, Bluetooth 5.0 or higher, NFC, and USB Type-C for seamless connectivity and fast data transfer. 10. Operating System: - Latest version of Android(13) or iOS (depending on the device) for a user-friendly experience and access to a wide range of apps. Make/Brand: Samsung/Oneplus/Apple/Motorola</p>					
56	<p>Photography camera: 1. Sensor: - Type: APS-C or Full-frame sensor - Resolution: Minimum 24 megapixels 2. Lens Mount: - Compatible with a wide range of interchangeable lenses 3. Image Processor: - Advanced image processor for fast and efficient image processing 4. Autofocus System: - Fast and accurate autofocus system with a minimum of 45 autofocus points 5. ISO Range: - Wide ISO range for capturing images in various lighting conditions, with minimal noise 6. Shutter Speed: - Fast shutter speed up to 1/4000 sec or higher 7. Burst Shooting: - Continuous shooting at a minimum of 5 frames per second (fps) or higher 8. Viewfinder and LCD: - High-resolution electronic viewfinder (EVF) and tilting LCD screen 9. Video Recording: - 4K</p>	10				

	video recording capability 10. Image Stabilization: - In-body or lens-based image stabilization 11. Connectivity: - Wi-Fi and Bluetooth connectivity for easy image transfer and remote shooting 12. Battery Life: - Long-lasting battery life for extended shooting sessions 13. Body Design: - Durable and weather-sealed body construction 14. Memory Card: - Dual memory card slots for increased storage capacity and backup options Brand: Nikon/Canon/Sony/Fujifilm						
57	Point and Shoot Digital Camera Minimum Effective Pixels: 20.3 MP Sensor Type: CMOS Display Type: LCD Display Size: 3 inch Battery Type: Lithium ion Make: Canon/Sony/Fujifilm/Nikon/Panasonic/Kodak	30					
58	All in one Inkjet Color Printer Functions: Print, Scan and Copy, Printing Technology: Inkjet Printing Speed: Minimum 7 pages per minute (PPM) Black and 5 Pages PPM in Color Minimum 30 Pages Auto-feeder Connectivity: USB, Ethernet, Wi-Fi Resolution: Minimum to 4800 x 1200 dpi Make: Epson/Canon/HP/Brother/Samsung/Xerox/Ricoh	10					
59	All-in-One Wi-Fi Duplex Multifunction ADF InkTank Office/business Printer with PCL support (Color Printer) Minimum Print resolution of 4800 dpi Print Resolution upto: 4,800 x 2,400 DPI Minimum Ink Droplet Size: 3.8 pl Automatic 2-sided Printing: Yes (Up to A4) Print speed Draft Text- Memo, A4 – Upto 32ppm*1 (Black and Colour) Print speed (Simplex) – 25 ppm(Black and Colour) ISO print speed (Duplex) – 21 ppm (Black and Colour) Supports Wi-Fi printing Supports duplex scanning, PCL and Postscript Scanner Type: Flatbed colour image scanner Sensor Type: CIS Optical Resolution: 1200 x 2400 dpi ADF Specifications: Support Paper Thickness: 64-95 g/m2	10					

	<p>Paper Capacity: 50 sheets Number of Paper Trays: THREE (2-Front Cassette, 1-Rear Feeder) Standard Paper Input Capacity: Cassette1: 250 sheets; Cassette 2: 250 sheets; Rear feeder: 50 sheets Paper Sizes: A4, Letter, Legal, B4, B5, A5, B6, A6, 8.5 x 13", 5 x 7", 4 x 6", 8 x 10", Legal (8.5 x 14"), 16:9 wide, Envelopes: #10, DL, C6, C4 Printer Language: PCL and Postscript advantage for Professional DTP and graphics applications/Architecture Applications/Designing Applications Make: Epson/Canon/HP/Brother/Samsung/Xerox/Ricoh</p>						
60	<p>External Solid State Drive (Portable SSD), Capacity : 500 GB Minimum read/write speeds: 1,000 MB/s Hardware Interface: USB 3(Up to 10Gbps, Type C) or better Compatible with mobile/xbox/PS/TV/Tablet/Computer/Camera Warranty: 3 Year Make: Samsung/Seagate/WD/SanDisk</p>	20					
61	<p>External Solid State Drive (Portable SSD), Capacity: 1 TB Minimum read/write speeds: 1,000 MB/s Hardware Interface: USB 3(Up to 10Gbps, Type C) or better Compatible with mobile/xbox/PS/TV/Tablet/Computer/Camera Warranty: 3 Year Make: Samsung/Seagate/WD/SanDisk</p>	20					
62	<p>PC/Laptop Internal Solid Drive(SSD), Device Type: M.2 SSD Drive Capacity: 256 GB Interface: PCIe NVMe Form Factor: M.2 Make: Samsung/Seagate/WD/SanDisk or Equivalent</p>	20					
63	<p>Wireless PA Speaker-Mic System Output Power: Minimum 150W (RMS) Driver Size: 38.1cm (Full range) or better, 2.54cm (Tweeter) Impedance: 4Ω (Full range), 6Ω (Tweeter) or better Frequency Response: 60Hz-19kHz Signal-to-Noise Ratio: ≥80dB File Format Support: MP3, WMA, WAV Line</p>	10					

	<p>Input: RCA to 3.5mm Max Supported USB/mSD Memory Size: 64GB FM Frequency Range: 87.5 MHz - 108 MHz Charging Time: 6-8 hours Playback Time: 4 hours Bluetooth Version: v4.2 or better Wireless BT, USB x 2, Micro SD, FM, AUX, Mic Input x 2, Guitar IN x 2 Recording Function LED Display 2-Way Speaker Remote Control With Dual UHF Wireless Microphones with Metal Body Volume, Bass & Treble Controls for Speaker Output and Mic Karaoke Mic Volume, Mic Bass & Mic Treble Controls Echo/Delay/Reverb/Guitar Volume Controls Built-in Rechargeable Battery with Support for External Battery 4 Castor Wheels with Retractable Handle Battery Status Indicator on Display Make: JBL/Sony/Behringer/Yamaha/Bose/Shure/Ahuj a/Zebronics/QSC</p>					
64	<p>Industrial Label/Barcode Printer with Complete Software Suite and Barcode Scanner Combo: Application/Usage: Asset Tagging/Asset Barcoding for assest manegment. Printing Technology: Thermal Transfer and Direct Thermal Print Resolution: 600 dpi Max Print Speed: 5.9 in/s Label Types: Wire Markers, Heat Shrink Labels, Die-Cut Labels, Continuous Labels, Tags Label Width: 4.33 in Maximum Printed Label Length: 9.8 in Connectivity: USB 2.0, Ethernet Software Suite: Complete with a relevant software suite Memory: RAM: X MB, Flash Memory: Y MB Display: Color Supported Barcodes: 1D (Code 39, Code 128, UPC-A) and 2D (QR Code, Data Matrix) Supported OS: Windows Language Support: Multi-language Accessories: Label materials, ribbons Certifications: Compliance with industry standards Product Should include (1) Printer, (1) Configuration Settings Manual, (1) Owners Manual, (1) Product CD with Driver, (1) U.S. Type B Plug Power Cord, (1) USB Cable, (2) 1 In</p>	2				

	Ribbon Takeup Cores, Software, and compatible same brand scanner for bar code scanning. Make: Brady/Dymo/Zebra						
65	Metalized polyester label for above barcode printer, Make: Same as Barcode printer	5000					
66	PET material Piggy bag label, Make: Same as Barcode printer	5000					
67	Barcode printer compatible Halogen free Ribbon, 300 meter in length, Make: Same as Barcode printer	50					

*For Estimation purpose only

(**- Freight – Ex Ranchi)