

ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA

Gyan Parisar, Mithapur, Patna- 800001,
Website: www.akubihar.ac.in

Ref. No. 005/EXAM/1029/AKU/2018

Dated: - 19/12/2018

Sealed quotations are invited from Original Manufacturers or their authorized Dealers/Agencies for supply, installation & commissioning of desktop computers, laptops, printers and UPS with UPS at AKU, Patna.

Important last dates in this context are as follows:

Cost of Quotation	Rs.500/- in form of DD. DD should be in favour of 'AKU, Registration & Examination Fund" Payable at Patna.
Earnest Money	Rs.25,000/- in form of DD. DD should be in favour of 'AKU, Registration & Examination Fund" Payable at Patna.
Date & Time of receipt of bid	18/01/2019 up to 04:00 pm
Date & Time of opening of Technical Bid	21/01/2019 at 12:30 pm
Date & Time of opening of Financial bid	21/01/2019 at 03:30 pm
Place of Bid Opening	AKU Conference Hall

Terms & Conditions

1. The Aryabhatta Knowledge University, Patna invites the proposal from Original Manufacturers or their authorized partners. **For supply, installation & commissioning of desktop computers, laptops, printers and UPS at AKU, Patna.** Original OEM's authorization certificate to the effect should be submitted in envelop of technical bid. Bidder should quote for **equipments** per **Annexure-III**.

2. Joint Ventures are not allowed to participate in this Request for Proposal.

3. Quotations received after due date & time shall be summarily rejected.

4. **Manner of submission of the quotations:** Sealed Quotations (Technical & Financial in separate sealed covers) should be sent by Registered/Speed post at the address given below so as to reach by the due date and time. Incomplete quotations are liable for rejection. No responsibility will be taken for postal delay or non-delivery/ non-receipt of Bid documents.

Address of submission of quotation-

To
The Registrar
Aryabhatta Knowledge University
Gyan Parisar, Mithapur
Patna – 800001

5. Quotations should be forwarded by bidders under their memo / letter pad.

6. Bidders are advised to be present at the opening of **Technical** and **Financial** bids.

7. Bidders are advised to study all technical and commercial aspects, instructions, terms and

specifications carefully in the Quotation document. Failure to furnish all information required in the Quotation Document or submission of a bid not substantially responsive to the Quotation document in every respect will be at the bidder's risk and may result in the rejection of the bid.

8. This Quotation document is not transferable.

9. All documents should be signed by proprietor/director or an authorized signatory of firm. Certificate of authorization should also be attached. Interlineations, corrections, erasures and/or over-writings shall be valid only if initialed by the person or persons signing the bid.

10. Bidders should attach copy of Firm registration, copy of certificate of GST registration, PAN Card in the name of firm or proprietor, Financial Statements, Brochure of make & model, certificates of quoted make & model duly stamped & signed, duly filled Compliance Document as per Annexure-II and duly filled Bidder profile as per **Annexure -I** in **Technical Bid envelope**.

11. Documents in support of supply, installation and commissioning of single work of at least 50 Lakhs of IT Equipment system within last three years i.e., from 2015-16 to 2017-18 along with respective performance certificates in State Government offices / Central Government offices / Government Universities/ PSU. Amount of work should be clearly mentioned in Performance Certificate.

12. Notwithstanding anything to the contrary in this document, the Aryabhata Knowledge University is not bound to accept the lowest quotation and reserves the right to accept or reject any quotation, to reject quotations for some or all items and to cancel the bidding process at any time prior to the award of contract, without assigning any reason whatsoever.

13. Bidders have to submit self-attested declaration letter for not being blacklisted by any government organization.

14. The work has to be completed within 6 weeks of award of works, subject to force measure. It will be reckoned from the date of the signing of agreement. If the work is not completed within the completion period liquidated damages @0.5% of agreement value per week of delay will be levied (subject to maximum of 10%). If the liquidated damages reach the level of 10% the contract is liable to be rescinded. In future, the bidder will not be eligible to participate in bids.

15. An affidavit stating "I/ We the undersigned do hereby certify that all the statements made in the required attachments are true and correct, That all specifications mentioned in the proposal matched with quoted specifications and if found fake/ forged even in the future, the undersigned will be liable to be inflicted upon the FIR and lawful punishment as well as black listing" will be annexed along with the Technical bid.

16. This notice is being issued with no financial commitment. The buyer reserves the right to amend or vary any part thereof at any stage. Buyer also reserves the right to relax terms & conditions of the quotation in the interest of work and withdraw the quotation, should it become necessary at any stage.

17. Buyer reserves the right to withdraw/ cancel/ amend the quotation at any stage without assigning any reason whatsoever.

18. OEM of Desktops, Laptops, Printers and UPS should have their service center/facility at Patna. They should provide minimum three years onsite warranty to the supplied items. The name and address of service center should be indicated in the offer.

19. Quantities of items are tentative. It may increase or decrease as per requirements.

20. Warranty and onsite support on all items will be for three years.

21. Clarification regarding contents of the bids - During evaluation and comparison of quotations, the buyer may, at its discretion, ask the bidder for clarification of their bid. The request for clarification will be given in writing and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.

22. Bidder with product certifications related to the bids should be annexed with technical bids. Alteration in the make & models will not be permitted, without the permission of AKU.

23. Financial Quotations of only those firms will be opened whose Technical Quotations are found responsive.

24. Rejection of Quotations: Canvassing by the bidder in any form, unsolicited letter and post-Quotation correction may invoke summary rejection. Conditional Quotations will be rejected.

25. The bidder should adhere with all seriousness to the time schedule provided by the Aryabhata Knowledge University, Patna.

26. The rates should be quoted and legibly written both in words and Figures. In case of corrections, the same must be attested by the bidder with full signature; however, no overwriting is permissible.

27. In case of any discrepancy between words and figures, in financial bid, the rates in words shall be accepted as correct.

28. If the rates are not quoted both in words and figures, the tender will summarily be rejected.

29. Bidders are required to quote only for one item against each line item. In case of optional quote, the tender will summarily be rejected.

30. The bidder shall indemnify the Aryabhata Knowledge University, Patna in all respects and meet and pay off the litigation expenses and all the liabilities including damages, sums etc. arising out of and as a consequence of the negligence, deficiencies, mistakes, lapses, delays etc. in the execution of the various jobs and the services provided.

31. Payments will be released after successful delivery & installation of the equipments.

32. Dispute if any, will be subject to Patna jurisdiction only.

33. The work order placed is liable to be cancelled at any time if any document submitted by agency is found fake and misleading.

34. Amendment of Quotation Document

- a. At any time prior to the last date for receipt of quotations, the buyer may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Quotation Document by an amendment.
- b. The amendment will be notified through official website of Aryabhata Knowledge University for all the prospective bidders.
- c. In order to afford prospective bidder reasonable time in which to take the amendment into account in preparing their quotations, the buyer may, at its discretion, extend the last date of the receipt of the Quotations.

35. Performance Security

- a. Within 21 days of the receipt of notification of award from the buyer, the successful bidder shall furnish the performance security in accordance with the conditions of contract in the Performance Security Form provided in the bidding documents or in another form acceptable to the buyer.
- b. Failure of the successful bidder to comply with the requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the buyer may make the award to the next lowest evaluated bidder or call for new bids.

36. Deadline for Submission of Bids

- a. Bids must be received by the buyer at the specified address no later than the time and date specified in the Invitation for Bids. In the event of the specified date for the submission of bids being declared a holiday for the buyer, the bids will be received up to the appointed time on the next working day.
- b. The buyer may, at its discretion, extend this deadline for submission of bids by amending the bid documents, in which case all rights and obligations of the Buyer and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

37. Late Bids

Any bid received by the buyer after the deadline for submission of bids prescribed by the Purchaser, pursuant to ITB Clause 19, will be rejected and/or returned unopened to the Bidder.

38. Modification and Withdrawal of Bids

- a. The bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification or withdrawal is received by the buyer prior to the

deadline prescribed for submission of bids.

- b. The bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in accordance. A withdrawal notice may also be sent followed by a signed confirmation copy, post marked not later than the deadline for submission of bids.
- c. No bid may be modified subsequent to the deadline for submission of bids.
- d. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the bidder on the bid form. Withdrawal of a bid during this interval may result in the bidder's forfeiture of its bid security.

Registrar
AKU, Patna

Annexure-I
QUOTATIONER'S PROFILE (SHOULD BE ATTACHED WITH TECHNICAL BID DOCUMENT)

1. Name of the Quotationer / Firm
2. Name of the person submitting the Quotation whose photograph is affixed (in case of proprietary/partnership firms the Quotation has to be signed by proprietor/partner/director only, as the case may be)
3. Address of the firm
4. Telephone Number with STD code Office
5. Fax
6. E-mail
7. Registration & incorporation particulars of the firm
 - a. Partnership.
 - b. Proprietorship
 - c. Private Limited
 - d. Public Limited
 - e. Others

(Please attach attested copies of documents of registration/incorporation of your firm with the competent authority as required by Business Law)

8. Name of the Proprietor / Partners / Directors
9. Bidder's Bank, its address and current Account No
10. Permanent Income Tax number & Income tax circle (please attach copy of the last income tax returns)
11. GST details
12. ISO 9001 & 20001 Certificates
13. Copy of last three year's audited accounts
14. Copy of last three year's ITR
15. OEM's Authorization Certificate (specific to this tender)
16. Details of service center at Patna.
17. Details of experience during last five years.
18. Affidavit
19. DD of Cost of Document details
20. DD/BG of EMD details

I / We hereby declare that information furnished above is true and correct.

Place
Date

Signature of the Bidder / Authorized Signatory
(with seal)

Annexure-II
FINANCIAL BID (SHOULD BE ATTACHED WITH FINANCIAL BID DOCUMENT)

Sl no.	Item Description (Desktop)	Price Per Unit / Per Set Including Taxes	Quantity (Pcs)
1.	Desktop		93
2.	Online UPS (30 KVA)		1
3.	Laptop		6
4.	Printer (Multifunctional)		3
5.	Printer (Heavy Duty)		1

In the part relating to Price Bid, the OEM/Bidder must provide the following:-

Price bid including supply, installation, operation & maintenance of all Items shall be submitted in only above format.

We,, on award of order, undertake to supply the items at the above prices per unit.

Place
Date

Signature of the Bidder / Authorized Signatory
(with seal)

Annexure-III

TECHNICAL SPECIFICATIONS OF DESKTOP

Sl. No.	Feature	Specifications	YES/NO
1	Processor	Intel® 8th Generation Core i5 8500, with minimum base frequency of 3.0 Ghz, 6 Cores , 9 MB Cache or higher	
2	Chipset	Intel H370 chipset or better	
3	Motherboard	OEM Motherboard with logo embossed (no sticker)	
4	Memory	8 GB DDR 4 RAM expandable to 32GB; Two DIMM slots; Non-ECC dual-channel up to 2666 MHz	
5	Hard Disk Drive	1TB 3.5 inch serial ATA, 7200 RPM with prefailure alert indication	
6	Optical Drive	16x DVD R/W Drive	
7	Graphics	Intel Integrated 630 Graphics	
8	Audio	High Definition Integrated Audio with Internal Speaker	
9	Ethernet	Integrated Gigabit (10/100/1000 NIC) LAN & inbuilt wifi	
10	Slots	1 x PCIe16, 1xPCIe1, 1xPCI, 2 M.2, 3-IN-1 SD Card reader	
11	Bays	(1) 3.5" Internal drive bays and (2) ODD bay	
12	Ports	Minimum 8 USB Ports (4 USB 3.1 Gen 1, 4 USB 2.0) out of which 2 USB ports in front (1) VGA video port; (1) HDMI Port (1) RJ-45 network connector (1) RS-232 serial port 1 universal audio jack for headphone& MIC 1 audio line in, 1 audio line out	
13	Form Factor	Tower	
14	Power Supply	300 W or higher power supply with 90% efficiency	
15	Keyboard/Mouse	USB 104 keys keyboard (Same make as PC) USB 2 Button Scroll Mouse (Same make as PC)	
16	Operating System	Genuine Microsoft Windows 10 Pro 64-bit with one button recovery	
17	Diagnostic Tool	BIOS Diagnostics	
18	Security	TPM 2.0 Security Chip SATA port disablement (via BIOS) Serial, USB enable/disable (via BIOS) Optional USB Port Disable at factory (user configurable via BIOS) Removable media write/boot control Power-On password (via BIOS) Administrator password (via BIOS) Setup password (via BIOS) Support for chassis padlocks and cable lock devices	
20	Compliance And Certification	Energy Star ver 6.1 for the given form factor of desktop & monitor EPEAT certified in India for the given form factor of desktop & Monitor FCC, CE, RoHS Certificate for quoted desktop & Monitor UL Certificate, Windows certificate, ISO 9001, 14001,20001,27001 for OEM	
21	System Weight / Volume	Weight should be less than 6 KG and volume less than 16 L	
22	Information Accessibility	Product details, specifications and brochure to be available in public domain	
23	Support	Drivers should be available for download from OEM site for at least 3 years from the date of purchase order	
24	Market Credibility	The OEM vendor should be of positive net worth for the last three years	
25	Monitor	19.5" LED Backlight with resolution of 1600 x 900	
26	Other	The detailed Technical specifications of the Model with images should be available to public on OEM's official website for verification.	
27	Warranty	5 years On site comprehensive OEM warranty	

TECHNICAL SPECIFICATIONS OF LAPTOP

Sl. No.	Feature	Specifications	YES/NO
1	Processor	Mobile Intel Core i7- 7500 U, 2.7 GHz with 4 MB Cache or higher	
2	Chipset & Motherboard	Latest compatible integrated chipset	
3	Memory	4 GB 2133 MHz DDR4 RAM or higher expandable up to 16 GB	
4	HDD	1 TB 5400 rpm (min.) SATA	
5	Display	14"(35.56 cm) or above TFT active Matrix Wide Screen Display	
6	Resolution	1366x768 WXGA or higher.	
7	Video Controller	Integrated Intel HD Graphics 4400	
8	Wireless Connectivity	Integrated wireless 802.11 b/g/n Integrated Blue tooth.	
9	DVD Writer	Integrated DVD Writer 8X and Integrated Stereo speaker	
10	Key Board	Key Board with Touch Pad	
11	Expansion Port	Microsoft Windows 10 Professional with 64 Bit preinstalled, Antivirus Software latest Version with trial version	
12	Operating Systems	Microsoft Windows 8.1 Professional/Win10 Pro./ Linux (as applicable) preinstalled, Antivirus Software latest Version with trial version	
13	Power Supply	rechargeable Battery Pack comprising of Li-Ion /Li-Polymer battery Suitable for 6 hrs operation complete with battery charger/adaptor	
14	Weight	Less than 2.8 Kg (Internal DVD Writer)	
15	Carry Case	Original carry case.	
16	Warranty	3 Year comprehensive onsite warranty.	
17	Certifications	EPEAT Gold, UL, FCC, CE	
18	Security	TPM for security	

TECHNICAL SPECIFICATIONS OF ONLINE UPS

Sr. No	Specifications	Details	Yes/ No
30KVA UPS System			
A	Input (IGBT Rectifier)		
1	Rated AC input voltage	380/400/415 Vac, 3-phase 4-wire (+PE) TN/TT power distribution system	
2	Input voltage range without battery discharge (V)	305 ~ 477 Vac	
3	Nominal frequency (Hz)	50/60 Hz	
4	Frequency range (%)	40 ~ 70 Hz	
5	Input Power Factor	≥ 0.99 (full load) & ≥ 0.98 (half load)	
6	THDi	Linear full load < 4% Non-linear full load < 6%	
7	Walk in /Soft start (Sec)	5s to reach full rated current (selectable 10s through 25s in 5-second intervals)	
B	Intermediate DC Circuit		
1	Float voltage for VRLA @ 20°C	2.27 V/ cell (selectable from 2.2V/cell to 2.3V/cell) Constant current and constant voltage charge mode	
2	End cell voltage for VRLA	1.65 V/cell	
3	Float voltage temperature Compensation	-3.0 mV/°C/cl(selectable from 0 to -5.0 around 25°C or 30°C, or inhibit)	
4	DC ripple voltage without battery	≤ 1.414%	
5	Boost voltage	2.35 V/Cell (selectable from 2.3 to 2.4) Constant current and constant voltage charge mode	
6	Boost control	Float-boost current trigger 0.050C10 Boost-float current trigger 0.010C10	
7	Battery Back up 1 hr Total VAH Minimum	Minimum VAH =43200 for 1 hr backup	
8	Flexi DC Bus	UPS should be operate with 30 to 40 Battery systems in Even No of 12 SMF Battery.	
C	Inverter output		
1	Rated AC voltage	380/400/415 (3-phase 4-wire, with neutral reference to the bypass neutral)	
2	Output waveform	Sine wave	
3	Nominal output frequency (Hz)	50 Hz (60 Selectable)	
4	Overload	For linear load requirement: < 105%, continues; 105 ~ 125% of rated load, 5min; 125 ~ 150% of rated load, 1min; > 150%, 200ms	
5	Steady state voltage stability	±1% for balanced three phase load; ±2% for unbalanced load	
6	Transient voltage response	±5% for 100% rated linear load step	
7	Total harmonic voltage	2% (0 ~ 100% linear load); 5% (0 ~ 100% non-linear load)	
8	Synchronisation window	Rated frequency ±0.5, ±1, ±2, ±3 Hz (optional)	
9	Slew rate (max. change rate of synchronisation frequency)	Setting range: 0.1 ~ 0.6 Hz/s (UPS module), 0.6 (parallel system)	
10	crest factor	3 : 1	

Sr. No	Specifications	Details	Yes/No
11	Transient recovery time	return to within 5% of steady state output voltage within half a cycle.	
D	Static Bypass		
1	Rated AC voltage	380/400/415, 3-phase 4-wire, sharing neutral with the rectifier input and providing neutral reference to the output, (3-in 3-out)	
2	Overload	Based on nominal voltage and rated load current under apparent power: < 105%, continues; 105 ~ 125% of rated load, 5min; 125 ~ 150% of rated load, 1min; 150 ~ 400% of rated load, 1s; > 400%, 200ms	
3	Frequency	50/60 Hz	
4	Bypass voltage tolerance	Upper limit: +10%, +15% or +20%, default: +15%; Lower limit: -10%, -20%, -30% or -40%, default: -20%	
5	Bypass frequency tolerance	±10% or ±20%, default: ±20%	
6	Synchronisation window	Rated frequency ±0.5, ±1, ±2, ±3 Hz (optional)	
E	Efficiency & Loss		
1	Normal mode (Overall)		
	100%	94.4%	
	75%	94.7%	
	50%	94.3%	
	25%	93.0%	
2	ECO mode (100% load)	98%	
3	Loss		
	Normal mode (no load)	0.35 Kw	
	Normal mode (full load)	40 kVA : 2.150 kW	
F	System Data		
1	Protection degree	IP20 (front door open or closed)	
2	Mechanical dimensions (WxDxH)	Should be Less than 485 × 810 × 177 mm (HXWXD)	
3	Frame Colour	RAL 7021 Black Gray	
4	UPS Weight	Not more than 75 kg	
5	Cable entry	Bottom	
6	Footprint	Should be convertible to both Rack and Tower type	
G	Environmental		
1	Noise	58 dBA	
2	Temperature	Operating : 0-40° C Transportation & Storage : -40°C to +70°C	
3	Max. relative humidity @ 20°C	Up to 95% non condensing	
4	Max altitude above sea level without derating	≤ 1000 (derate power by 1% per 100m when above 1000m)	
5	Over-voltage level	Over-voltage level 2	
6	Pollution level	Pollution level 2	
H	Standards		
1	We refer standards :	Safety : EN62040-1/IEC62040-1/AS62040-1 EMC Class : EN62040-2/IEC62040 2/AS62040-2 Performance & Testing : EN62040-3/IEC62040-3/AS62040-3 (VFI SS 111)	

TECHNICAL SPECIFICATIONS OF PRINTER

Sr. No.	SPECIFICATIONS	Yes/ No
1	A3 Mono MFDs (Print/Copy/Scan) with Separate toner and Drum	
2	25PPM	
3	RAM: 512 MB , Duplex Print Standard	
4	Print Resolution: 1200x1200 dpi , Control Panel Screen: Min 5'''	
5	Scan Resolution: Up to 600x600 dpi	
6	Double Tray (250+ 550 sheets) with 80 GSM sheets	
7	Scan: Colour (JPEF/ TIFF/ PDF)	
8	Inbuilt Network, WIFI Compatible	
9	Print from Pen drive, Secure Print with password protection	
10	Min 1000 User ID/ Password for authentication	
11	Toner Yield (6% Coverage area): Min 14000 prints A4 Size	
12	Drum Yield: Min 130000 prints	