



MAHARAJA SRIRAM CHANDRA BHANJA DEO UNIVERSITY
SRIRAM CHANDRA VIHAR, TAKATPUR, BARIPADA, MAYURBHANJ-757003
No- 87 MSCBU-19011/1/2021-STORE SEC-MSCB Date: 04-01-2024

TENDER NOTICE

Sealed quotations are invited from **Original Equipment Manufacturers (OEM)/Authorised Dealers/Partners** for,

- Item 1:** Items/ Equipments for P.G Departments.
- Item 2:** Electrical and Electronics items for Administrative office and P.G Departments.
- Item 3:** Furniture Items for Administrative office and P.G Departments.
- Item 4:** Outdoor Gym Equipment for Affiliated Colleges.
- Item 5:** Audio/Video Extension of 200-Seated Annex Hall.

at **Maharaja Sriram Chandra Bhanja Deo University, Sriram Chandra Vihar, Takatpur, Baripada-757003, Odisha (MSCBU hereinafter)** in the prescribed format as per the requirements enclosed in the schedule of items given in bid documents. Bid documents with details terms & conditions can be downloaded from MSCBU website "<http://nou.nic.in>".

Bidders may bid for all five (05) items i.e Item 1, Item 2, Item 3, Item 4 and Item 5 or Separate bid from different firms is also allowed for Item 1, Item 2, Item 3, Item 4 and Item 5. Bids will be evaluated for Item 1, Item 2, Item 3, Item 4 and Item 5 separately or jointly.

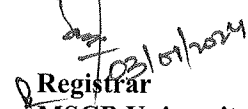
The tenders along with the tender cost and EMD as given in bid documents in the sealed envelope should be super scribed with:-

- 1) "Tender for Items/ Equipments for P.G Departments (Item 1).
- 2) Tender for Electrical and Electronics items for Administrative office and P.G Departments (Item 2).
- 3) Tender for Furniture Items for Administrative office and P.G Departments (Item 3).
- 4) Tender for Outdoor Gym Equipment for Affiliated Colleges (Item 4).
- 5) Tender for Audio/Video Extension of 200-Seated Annex Hall (Item 5).

at **Maharaja Sriram Chandra Bhanja Deo University, Baripada Campus**" and submitted through Speed Post / Regd. Post /Courier to the office of the Registrar, MSCB University by 05:00 PM on or before 19.01.2024. **The bids shall be opened on 20.01.2024 at 11:30.** More details are available at University Website: <http://nou.nic.in>. The authority reserves the right to accept / reject any or all tenders without assigning any reason thereof and will not be responsible for any postal delay. **No correspondence in this regard will be entertained.**

The interested bidders can inspect the University site at any time during working hours on any working day at their own cost before submission of tender. No consideration shall be entertained regarding non awareness of the site conditions and constraints after submission of tender.

By order of Vice-Chancellor


Registrar

MSCB University

Dated: 04-01-2024

Memo 88 /MSCBU

Copy to PS to VC / PA to Registrar/COF/Coordinator, IDP/All departments/Central library/Notice Board, with a copy of detail tender documents for information and necessary action.


Registrar

MSCB University

Dated: 04-01-2024

Memo 89 /MSCBU

Copy to Prof In-charge of University website with request to upload the same in the university website for wide publication.


Registrar

MSCB University

TENDER DOCUMENT

Tender Notice for:

Item 1: Items/ Equipments for P.G Departments.

Item 2: Electrical and Electronics items for Administrative office and P.G Departments.

Item 3: Furniture Items for Administrative office and P.G Departments.

Item 4: Outdoor Gym Equipment for Affiliated Colleges.

Item 5: Audio/Video Extension of 200-Seated Annex Hall

at Maharaja Sriram Chandra Bhanja Deo University, Baripada Campus.

Address:

Maharaja Sriram Chandra Bhanja Deo University

Sriram Chandra Vihar, Takatpur

Baripada – 751003,

Dist: Mayurbhanj

Odisha, India

Tel : +91-6792-255129

Fax : +91-6792-253908

MSCBU invites sealed offers bidding for above mentioned various items **at Maharaja Sriram Chandra Bhanja Deo University, Baripada Campus**

Interested parties may download the Tender Document from University Website "<http://nou.nic.in>"

1. **Submission of Bids:** 19.01.2024 upto 5:00 PM

2. **Opening of Bid Date:** 20.01.2024 at 11:30 AM

3. **Tender fee (Non-Refundable):** Rs.1000/-(Rupees Five Hundred only) in the form of a DD/Pay Order favouring **The Comptroller of Finance, MSCBU, Takatpur payable at Baripada.**

4. **Earnest Money Deposit:** The Bidder shall submit their quotes along with EMD of Rs. 5,000/- (Rupees Five Thousand only) or 1% of the Bid cost whichever is higher. **EMD** should be in the form of DD / Bank Guarantee favouring **The Comptroller of Finance, Maharaja Sriram Chandra Bhanja Deo University, Takatpur, Baripada-751003 payable at Baripada.** This Bank Guarantee should be valid for Bid Validity period mentioned in **Clause 1 under SECTION II.**

SECTION I: INVITATION FOR BIDS (IFB)

Sub: For Item 1 to Item 5

1. Scope of Work & Technical specifications:

Detailed scope of work and technical Specifications is as per enclosed **Annexure I**

2. Eligibility Criteria for bidders:

The eligibility criteria for pre-qualification of bidders are as under:

- i. In case the tenderer is an authorized firm then it must submit the authorization from the Registered Company/OEM. In absence of authorization, the Bid is liable to be rejected.
- ii. The OEM must have India presence.



- iii. Products to be offered should be new, unused and of current design, not declared obsolete or not declared to become obsolete in next 2-years.
- iv. OEM must not offer any co-branded product (i.e Product bearing brand shared with other OEM).
- v. The bidder should be an Organization/ Company in operation with Office and Service support centre for the last Five Years as on 31st March 2023 in Odisha and India to ensure satisfactory service support after sales.
- vi. **For Item 2 to 5:** The bidder should be an organization / company in operation with office and Service Support Centre in Odisha preferably in 300 kms range of Baripada, to ensure satisfactory service support after sales.
- vii. Execution of job has to be done by single vendor only no third party transfer will be allowed
- viii. The tenderer(s) should have executed installation of the similar nature work. Proofs of the same like PO copies, installation & completion reports, performance certificates with address and contact details of the referred installation list should be submitted with the bid. In absence of supporting documents, the bid is liable to be rejected.
- ix. The bidder should be a registered firm under GST Act. The bidder should furnish the GST registration certificate, PAN No. details, along with the tender paper and to enclose copies of supporting documents. In case of company or partnership firm, the registration certificate under companies Act/Registered firms must be enclosed. In absence of above documents, the Bid is liable to be rejected.
- x. The bidder's firm must be a financially sound & established firm fulfilling all statutory & regulatory requirements of its functioning in India & Odisha. Proof of registration & other compliances and turn over, audit reports, balance sheets etc for company's financial soundness as required may be furnished for three years from 2020 to 2023 (must be certified by CA failing which the bid is liable to be rejected).
- xi. The bidder or (Registrar/OEM in case bidder is authorized channel partner etc.) must have an experience of minimum 05 years or more for Sales, Installation & Service support for execution of projects/jobs.
- xii. The bidder should not be black listed in any of the Govt. Organization. Undertaking in this regard must be submitted.
- xiii. The bidder's firm having ISO 9001 / MSME/Start up registration certificates are preferred.
- xiv. Before submission of the tender paper, please verify the eligibility criteria and ensure fulfilling all the terms and conditions.

3. Bid Submission:

The offer must be submitted in sealed envelopes. **“Offer for**

Item 1: Items/ Equipments for P.G Departments.

Item 2: Electrical and Electronics items for Administrative office and P.G Departments.

Item 3: Furniture Items for Administrative office and P.G Departments.

Item 4: Outdoor Gym Equipment for Affiliated Colleges.

Item 5: Audio/Video Extension of 200-Seated Annex Hall.
at MSCB University.” and the address of the firm should be mentioned in the sender side of the envelope with phone number.

TENDER NOTICE NO. :

DUE DATE & TIME : 19.01.2024

3.1 Part-I : Technical Specifications shall contain:

- **For all items**, specifications with full details including description for analysis of the proposal.
- **For all items** make and model of materials so as to enable technical assessment of the proposal.
- An Undertaking / Authorization certificate as mentioned under Eligibility Criteria.
- **Company Profile (as per PROFORMA I) along with all the supporting documents as desired.**
- Non-Refundable Tender fee of Rs. 1000/- (Rupees One Thousand only) in the form of DD / Pay Order favouring Comptroller of Finance, MSCB University, payable at Baripada. Quotations without Tender Fee shall be rejected.
- Refundable Earnest Money Deposit (EMD): Offers without Earnest Money Deposit will be rejected.
- **For all items** the warranty services are required at MSCBU, Takatpur, Baripada. A certificate of warranty as specified in the technical specification should be provided by the OEM in original.
- **For all items** the detailed technical specifications with Make & Model, Compliance Statement must be as per the technical specification which needs to be supported by relevant product brochure etc. without proper compliance statement the bid is liable to be rejected.
- Acceptance to the terms and conditions laid down in the tender document. Any deviation in the general terms and condition will lead to the rejection of the bid.
- The bid should also contain the Price details with proper seal and signature of authorized person. Prices should be given in INR in both figures and words.

4. Opening of Bid

Bids will be opened on 24.01.2024 at 11:30 AM. Interested bidders/ authorized representatives may attend the bid opening as per the schedule.

The outer cover super scribing in which these sealed covers are to be placed should be addressed and reach to:

**THE REGISTRAR,
MSCB UNIVERSITY
TAKATPUR
BARIPADA-757003
ODISHA, INDIA.**

SECTION II: INSTRUCTION TO BIDDERS (ITB)

1. Bid Validity

Bids shall be valid for minimum 90 Days from the date of opening. A bid valid for a shorter period shall not be considered. MSCBU-Baripada may ask bidders to extend the period of validity.

2. Delivery & Installation:

For all items, the complete delivery and installation as per our present requirement must be completed at MSCBU, Baripada within 30 days from the date of Purchase Order to meet the time lines. However, separate order may be placed for additional quantities on the same rates on "As and When Required" basis within the Bid Validity period as above. MSCBU-Baripada reserves the right to increase or decrease the Bill of Material as per the requirement without any change in the rates quoted.

Installation and Commissioning shall include the following:

- a) Installation and Testing of the Equipment, Machineries etc. should be supplied by the tenderer.
- b) It will be the responsibility of the tenderer to provide all necessary spares and consumables, softwares (if any) which may be required during installation and commissioning, at no extra cost to purchaser.
- c) The tenderer is to bring their own testing and measuring instruments required for installation, testing, commissioning, which can be taken back after completion.
- d) The tenderer should provide all necessary raw materials for running of the machine during commissioning.
- e) In case the procured items/Equipment directly or indirectly need Computer softwares or in case the items are themselves softwares, those softwares must be Supplied in form of CD/DVD. In case of items/equipment from OEMs, OEM CD must be Supplied. Otherwise the software CD must be written into a CD/DVD/PENDRIVE and to be supplied. In case of Pre-Installed softwares, appropriate Recovery Software CD must be supplied

3. Documentation

Detailed **technical manuals, handbooks, drawings, Warranty card and Factory Quality Assurance checklist, test results** and any other certifications mentioned in the technical specifications shall be supplied along with the consignment.

Supplied manuals/handbooks must cover detailed technical specifications and installation, operation, maintenance and System Safety procedures.

For Experimental setups, **details of theory, procedure and methods of taking measurements etc. should be provided in the form of hand books for each experiment.**

The receipts for taxes paid, if any, for the supplied materials should also be submitted.

4. Product Specifications & Compliance Statement

The bidder should quote the products strictly as per the tender specifications and only of desired / preferred brands. Complete technical details along with brand, specification, technical literature etc. highlighting the specifications must be supplied

along with the technical bid. The compliance statements should be supported by authentic documents. **Each page of the bid and cuttings / corrections shall be duly signed and stamped by the authorized signatory. Failure to comply with this requirement may result in the bid being rejected.**

5. In case of any discrepancy between rates mentioned in figures and words, the latter shall prevail. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.

6. Materials must be properly packed against any damage and insured up to the destination. The material should be directly supplied to MSCBU, Baripada. All the expenses involved in shipping the equipment to MSCBU, Baripada shall be borne by the Bidder. All aspects of safe delivery shall be the exclusive responsibility of the Bidder. MSCBU, Baripada will have the right to reject the component/Equipment supplied, if it does not comply with the specifications at any point of installation/inspection.

7. MSCBU, Baripada reserves the right to divide / split the order between more than one technically qualified bidder to meet the **Technical Requirements and Delivery Schedule.**

8. Earnest Money is liable to be forfeited and bid is liable to be rejected, if the bidder withdraw or amends, impairs or derogates from the tender in any respect within the validity period of the tender.

9. The Earnest Money of all the unsuccessful bidders shall be returned as early as possible but within the Bid Validity period but not before 30 days from the date of Purchase Order. No interest will be payable by MSCBU on the Earnest Money Deposit. The Earnest Money of successful bidder shall be returned after successful performance of the equipment.

10. If any equipment or part thereof is lost or rendered defective during transit, the supplier shall immediately arrange for the supply of the equipment or part thereof, as the case may be, at no extra cost.

11. The rates should be quoted in Indian Rupees for delivery at the Site **BOTH IN FIGURES & WORDS.** All prices shall be fixed and shall not be subject to escalation of any description during the bid validity period.

12. **The price should be inclusive of all taxes, otherwise the offers which are not as per the format will be rejected.**

13. Penalty:

If the delivery, installation and commissioning or service is not carried out in time as specified in other part of the tender document, the tenderers/manufacture will be charged @ 1 % (one per cent) per week of the total value of the concerned machine / equipment.

14. MSCBU-Baripada reserves the right to accept / reject the offers or cancel the whole tender proceedings without assigning any reason whatsoever. Offers through Email / Fax, etc and open offers shall not be accepted. Late / Delayed offers shall not be accepted under any circumstances. Incomplete offers shall be rejected outright. In case the specified date for the submission of offers being declared as a holiday for MSCBU-Baripada, the bid-closing deadline shall stand extended to the next working day up to the same time.

15. Any attempt of negotiation direct or indirect on the part of the Tenderer with the authority to whom he has submitted the tender or authority who is competent finally to accept it after he has submitted his tender or any endeavour to secure any interest for an actual or



prospective bidder or to influence by any means the acceptance of a particular tender will render the tender liable to be rejected.

16. The prospective bidders requiring any clarification about the contents detailed in the tender document may notify to MSCBU-Baripada in writing at MSCBU's address. Clarifications received till 72 hours before the closing date / time of receipt of bids will be responded.

17. For Item 1 & 2 the items/equipment supplied must be supported by the bidder's technical support engineers. The support must be available 24 hours in a day, seven days a week and 365 days a year. Also provide toll free number / web / email so that it should be possible to contact the Principal Bidder's (OEM's) support Centre.

18. Unsatisfactory Performance

The Parties herein agree that MSCBU-Baripada shall have the sole and discretionary right to assess the performance(s) of the Bidder components(s), either primary and or final, and MSCBU-Baripada, without any liability what so ever, either direct or indirect, may reject the system(s) component(s) provided by the Bidder, in part or in its entirety, without any explanation to the Bidder, if found unsatisfactory and not up to level of the acceptance of MSCBU-Baripada.

19. Disclaimer

This Tender / Request for Proposal (RFP) is not an offer by MSCBU-Baripada, but an invitation for bidder's response. No contractual obligation whatsoever shall arise from the RFP process.

20. Declaration:

The bidder would be required to give certificate as below in his commercial bid.

21. Solving Disputes:

The Institution & the Tenderers shall make all efforts to resolve amicably by direct informal negotiation on any disagreement or dispute arising between them under or in connection with this contract.

All disputes arising out of the contract shall be referred to courts under the jurisdiction of the Baripada only.

The selection for procurement of Equipment will be based on quality and performance along with cost. In this context decision of technical committee nominated by MSCB University is final based on documentary evidence or actual physical verification.

The above terms and conditions except those otherwise agreed upon shall form a part of the Purchase Order.

22. Force Majeure

Notwithstanding the provisions of GCC clauses 22 and 23 , the supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that its delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure.

For purposes of the clause, "Force Majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the purchaser in

writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

23. Termination for insolvency

If the supplier becomes bankrupt or otherwise insolvent, the purchaser may terminate the contract by giving written notice to the supplier, without any compensation to the supplier, provided, the such termination will not prejudice or affect any right of action or remedy which has accrued and / or will accrue thereafter to the purchaser.

“I/We UNDERSTAND THAT THE DETAILS OF THE ITEMS/EQUIPMENTS/SERVICES AS PROVIDED ABOVE ARE SUBJECT TO CHANGE. I/WE AGREE THAT IN CASE OF ANY CHANGE IN THE QUANTITIES REQUIRED FOR ANY OF SERVICES, I/ WE WOULD BE SUPPLYING THE SAME AT THE RATES AS SPECIFIED IN COMMERCIAL BID. I /WE AGREE TO ADHERE TO THE RATES GIVEN ABOVE EVEN IF THE QUANTITIES UNDERGO A CHANGE”.

SIGNATURE OF THE BIDDER WITH STAMP

SECTION III: SPECIAL CONDITIONS OF CONTRACT (SCC)

1. Price Basis

Price quoted should be in the prescribed format as per Annexure-II. The quoted price will be considered firm and no price escalation will be permitted during the bid validity period. Maximum educational discount as could be offered should also be mentioned.

2. Billing :

Billing is to be done in the name of **The Registrar, MSCB University, Takatpur, Baripada-757003**. No advance payment or payment against Performa invoice will be made. Payment will be made on the basis of the actual bill of material supplied, services rendered after receipt, inspection, installation / testing/ service and duly certified by authorized representative of MSCBU. The payment shall be made on actual measurement basis.

3. Payment:

100% of invoice value after successful Installation of Item(s) at Maharaja Sriram Chandra Bhanja Deo University, Baripada Campus, Baripada and submission of invoice.

4. Warranty:

For item 1 & 2, The parts/whole of the items should cover at least warranty for 1 year or as specified in the supplied instruments/items.

5. Others

For Item 1 to 5, All damaged or unapproved goods shall be returned at the Tenderer risk and cost and the incidental expenditure thereupon shall be recovered from the concerned party.

PRE-QUALIFICATION/ELIGIBILITY**PROFORMA-I****PARTICULARS OF THE BIDDERS TO BE FURNISHED IN BID FOR THE PURPOSE OF PRE-QUALIFICATION:**

1	Name of Organization /Firm / Company	
2	Address & Telephone Number	
3	Year of establishment	
4	Status of the Firm (Company/Firm/Proprietary)	
5	Whether registered with the registrar of companies/registrar of firms. If so attach the copy of certificate.	
6	a)Name& Mobile Number of Managing Director/Managing Partner/Proprietor	
7	Whether registered with GST. Enclose the relevant copies with clearance certificates	
8	Furnish copy of PAN, Latest Income Tax Return filed.	
9	Furnish copies of audited balance sheet & profit & loss account for the last three years certified by CA.	
10	ISO 9001 certificate	
11	MSME certificate	
12	Furnish AMC PO copy	
13	Furnish OEM authorization certificate.	
14	“Undertaking” for not be a Blacklisted Firm.	
15	EMD Payment made or not? If YES, Mention details	
16	Whether, Tender Cost paid or not? If YES, Mention details.	

I certify that I meet the eligibility criteria described in section 2 of the bid.

Place:

Date:

Name, Signature & Seal of Bidder:



ANNEXURE-I

ITEM 1: ITEMS/ EQUIPMENTS FOR P.G DEPARTMENTS

Name of Equipments with quantity

Sl.No.	Name of the Dept.	Name of the equipment	Quantity	Specifications
1.	Anthropology and Tribal Studies	1. Microscope	04	As mentioned below.
		2. Sediment Analysis equipment	02 set	
		3. Digital DSLR Camera with Tripod (1 Set) Digital single-lens reflex camera used to captures real time pictures	01	
		4. Portable Wireless WiFi Microscope	04	
		5. Premium 3D Scanner	03	
		6. 3DScanner (Accuracy 0.025 mm) Metrology Grade portable	03	
		7. Diapograph Horizontal Model complete with all accessories (02)	02	
		8. Prehistoric Stone Tools/Artefacts replicas and equipments (Palaeolithic, Mesolithic, Neolithic, Chalcolithic)	01	
		9. Mock Archaeological Excavation	01	
		10. Mock Trench (for learning Excavation)	01	
		11. Munsell Soil Colour chart	01	
		12. Geological hammer (Rock Pick)	01	
		13. Osteometric Board	01	
		14. Circumference measuring tape	01	
		15. Hemo Cue	01	
		16. Digital Blood pressure monitor	01	
		17. Body Composition Analyzer (Karada Scan)	01	
		18. MUAC tape	01	
		19. Ink Roller	01	
		20. Fingerprint impression plate	01	
		21. Spirometer	01	
2.	Botany	1. Gel electrophoresis apparatus (Fully automatic vertical unit)	01	As mentioned below.
		2. Electric Electrophoresis Power Supply	01	
		3. Soxhlet Apparatus 100 ml	02	
3.	Chemistry	1. Chiller (7.5 L)	01	As mentioned below.
		2. Hot Air Chamber (Hydrothermal Material Synthesis Work)	01	
		3. Hydro Thermal Auto Clave	03	
		4. Molpro Software License	01	



		5. Projector	01	
		6. Multifunction Printer	01	
		7. Exhaust Fan	05	
4.	Computer Application	1. Sound System for Smart Class Room	01	As mentioned below.
		2. RAM for Desktop PC	150	
		3. 512GB SSD for Dell Desktop PCs	50	
5.	Computer Science	1. Desktop	10	As mentioned below.
		2. 2U Rack server	01	
		3. Raspberry Pi 4 (8 GB RAM Starter kit): For IoT subject/Lab	10	
		4. (i)Arduino UNO R3 board, (ii)Lilypad Arduino, (iii)RedBoard, (iv)Arduino Mega(R3), (v)Arduino Leonardo: For IoT subject/Lab (15, 5 pcs each)	01	
		5. GPU Computer	01	
6.	Economics	1. Computer Set	06	As mentioned below.
		2. Statistical Software: (01)	01	
		i. Eviews ii. SPSS iii. STATA		
		3. Video Conferencing Camera	01	
07.	Physics	1. Hysteresis Loop Tracer to find coercively, retentivity, loss, Saturation.	01	As mentioned below.
		2. Function generator	01	
		3. Characteristics of MOSFET	01	
		4. Characteristics of FET	01	
		5. Characteristic of a transistor	01	
		6. Ripple Factor Apparatus	01	
		7. Impedance and power factor of an A.C Circuit (L.C.R Impedance)	01	
		8. Diodes Characteristics	01	
		9. Zeener diode Characteristic	01	
		10. Hartley Oscillator	01	
		11. Colpitts Oscillator	01	
08.	Wildlife and Biodiversity Conservation	1. UV TRANSILLUMINATOR WITH FACE SHIELD	01	As mentioned below.
		2. Binoculars	05	
		3. Nunes LED and LCD leaf area meter	01	
		4. Inverter	02	
		5. Micro Centrifuge	01	
		6. Printer	01	

		7. Projector	01	
09.	Zoology	1. Digital Light Meter, Measuring Range Scale 0.1 – 199990 LUX	01	As mentioned below.
		2. Rotary Evaporator	01	
		3. Soxhlet Extractor	01	
		4. Water quality cheker	01	
SFC Departments				
10	Material Science	1. Magnetic stirrer with hot plate	01	As mentioned below.
11	Geology	1. Rock hand specimen (Igneous, Sedimentary, Metamorphic Rock)	05	As mentioned below.
		2. Hardness Box	03	
		3. Toposheet	03	
		4. Geomorphhic Model	03	
		5. Crystallographic Model (System Wise)	01	
		6. Drainage Pattern Model	05	
12	Remote Sensing & GIS	1. GPS SYSTEM	01	As mentioned below.
13	Yoga & Naturopathy	1. Massage Ball	01	As mentioned below.
		2. Yoga Wheel	01	
		3. Water Heater	01	
		4. Tratak Stand	01	
		5. Round Yoga Bolster	01	
		6. Meditation Yantra	01	
		7. Magnet Acupressure	01	
		8. Yogic Posture	01	
		9. Anatomy – All System Picture	01	
		10. Weight Machine	01	
		11. Treatment Table	01	
		12. Shirodhara Stand & Pot	01	
		13. Steam Chamber	01	
		14. Massagea Gun	01	
		15. Wall Ropes	01	
		16. Foam Roller Kit	01	
		17. Loop Hip Band	01	
		18. Yoga Strauss	01	
		19. Yoga Pilate	01	
		20. Yoga Circle Stretching Pilates Ring	01	
		21. Wooden Yoga Blocks	01	
		22. Aerial Yoga Instruments	01	

Specifications of above mentioned equipments

Item No– 01.01

Name of the item – Microscope

Quantity – 04

Name of the Dept. Anthropology and Tribal Studies



Specification – LCD Digital USB Microscope 7 in HD Screen, Circuit Board Repair Soldering PCB Coins, 12mp Video Camera Microscope, 8 Adjustable Light, 1-1200X Magnification with Rechargeable Battery.

Item No– 01.02

Name of the item – Sediment Analysis equipment

Quantity – 02 Set

Name of the Dept. Anthropology and Tribal Studies

Specification – 0.01µm to 3500µm; Extended particle size range.

Item No– 01.03

Name of the item – Digital DSLR Camera with Tripod

Digital single-lens reflex camera used to captures real time pictures

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification -

- 6.2MP full-frame CMOS sensor; Dual pixel CMOS AF
- 45-point all cross-type AF up to 6.5fps continuous shooting
- ISO: 100 to 40000 (expandable to 102400)
- GPS, Wi-Fi, NFC and Bluetooth low energy
- Compatible Mountings: Canon Ef; Photo Sensor Technology: Size:[Unit:Frames Per Second, Value:Full Frame (35mm)], Technology:[Value:Cmos]; Hardware Interface: Secure Digital
- First hyper-telephoto zoom from the contemporary line
- Lightweight and compact in construction for higher usability
- Water and oil repellent coating on front glass element makes maintenance of the lens surface easier
- Dust proof and splash proof mount
- Filter size: 95mm

Item No– 01.04

Name of the item – Portable Wireless Wi-Fi Microscope

Quantity – 04

Name of the Dept. – Anthropology and Tribal Studies

Specification – Wireless microscope HD inspection camera Compatible with Windows & Mobile.

Item No– 01.05

Name of the item – Premium 3D Scanner

Quantity – 03

Name of the Dept. – Anthropology and Tribal Studies

Specification – 3Idea Imagine Create Print Creativity CR Scan Lizard Up to 0.05mm Accuracy, 10 FPS Scan Speed, Supporting Turntable/Handheld/Combination Use Modes for 3D Printer 220x220x250m.

Item No– 01.06

Name of the item – 3DScanner (Accuracy 0.025 mm) Metrology Grade portable

Quantity – 03

Name of the Dept. – Anthropology and Tribal Studies

Specification – Ender 3 V2 3D Printer, Official Creality Ender 3 V2 Upgraded 3D Printer with Silent Motherboard, Branded Power Supply, Tempered Carborundum Glass Plate and Resume Printing Function

Item No– 01.07

Name of the item – Diapograph Horizontal Model complete with all accessories

Quantity – 02

Name of the Dept. – Anthropology and Tribal Studies

Specification – Diapograph Horizontal Model complete with all accessories

Item No– 01.08

Name of the item – Prehistoric Stone Tools/Artefacts replicas and equipments (Palaeolithic, Mesolithic, Neolithic, Chalcolithic)

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Fiber or plaster of Paris (Chopper, cleaver, handaxes, Microlithis, Axe, Adze, Ring Stones, chisel etc)

Item No– 01.09

Name of the item – Mock Archaeological Excavation

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Mock Archaeological Excavation

Item No– 01.10

Name of the item – Mock Trench (for learning Excavation)

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Requirement: Sand One layer Gravel One layer; Charcoal 1 kg; Lime 2 kg; Brick 20 pcs; Bones; Glass, pots, stone flakes

Item No– 01.11

Name of the item – Munsell Soil Colour chart

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Consisting of different colours

Item No– 01.12

Name of the item – Geological hammer (Rock Pick)

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Bounded and moulded shock Reduction grip. Head of handle are forged in one piece and are fully polished

Item No– 01.13

Name of the item – Osteometric Board

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Made of aluminum range 0-60cm

Item No– 01.14

Name of the item – Circumference measuring tape

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – features a 5 foot retractable auto-lock cloth (PVC) tape that measures in centimeters and inches, small size easy pull into pocket. Size 1.5 meter/Dia 7mm.

Item No– 01.15

Name of the item – Hemo Cue

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Hb 201 system

Item No– 01.16

Name of the item – Digital Blood pressure monitor

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Digital Blood pressure monitor

Item No– 01.17

Name of the item – Body Composition Analyzer (Karada Scan)

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – body composition analyzer

Item No– 01.18

Name of the item – MUAC tape

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Colour coded 0-11.5 (RED) 11.5-12.5 (YELLOW), 12.5 to 26.5 (GREEN) thicker line in 21.0cm pkt of 25tapes

Item No– 01.19

Name of the item – Ink Roller

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Finger print roller 4’’ width/Woden handle

Item No– 01.20

Name of the item – Fingerprint impression plate

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Steel slab size 5’’x12’’

Item No– 01.21

Name of the item – Spirometer

Quantity – 01

Name of the Dept. – Anthropology and Tribal Studies

Specification – Used to measure the volume of air inspired and expired by the lung.

Item No– 02.01

Name of the item – Gel electrophoresis apparatus (Fully automatic vertical unit)

Quantity – 01

Name of the Dept. – Botany

Specification – Gel electrophoresis apparatus (Fully automatic vertical unit, Bi-molecular analysis)

Item No- 02.02

Name of the item – Electric Electrophoresis Power Supply

Quantity – 01

Name of the Dept. – Botany

Specification – Electric Electrophoresis Power Supply, Bimolecular analysis.

Item No- 02.03

Name of the item – Soxhlet Apparatus 100 ml

Quantity – 02

Name of the Dept. – Botany

Specification – Soxhlet Apparatus 100 ml, Extraction purpose.

Item No- 03.01

Name of the item – Online UPS with Battery and Stand

Quantity – 01

Name of the Dept. – Chemistry

Specification –

Specifications:

Online UPS: 3 KV

Battery: 12 volt, 42 Ah

No. of Battery: 16

Battery Stand, cable

Item No- 03.02

Name of the item – Chiller

Quantity – 01

Name of the Dept. – Chemistry

Specification –

Specifications:

- i. Tank capacity: 7.5 L
- ii. Tank size (L x W x D) in mm: 325 x 176 x 150
- iii. Cooling capacity: 500 W
- iv. Pump flow rate: 12.5 LPM
- v. LED Display
- vi. Temperature stability: ± 1.0 °C
- vii. Temperature range: -10 °C to 100 °C

Item No- 03.03

Name of the item – Hot Air Chamber (Hydrothermal Material Synthesis Work)

Quantity – 01

Name of the Dept. – Chemistry

Specification –

Specifications:

- i. Forced-air convection with a noise less adjustable fan speed which ensures good mixing and strong dispersion (Imported fan)
- ii. Single door opens to 180" and features double rack door handle
- iii. Corrosion-resistant incoloy sheath heater and stainless-steel interior
- iv. Adjustable two side ventilation slides to control inner air vapor circulation
- v. Chamber volume: 355x355x355 mm³.

- vi. Temperature Range: From RT to 250°C,
- vii. Temperature Fluctuation $\pm 2^\circ\text{C}$,
- viii. Inner chamber: AISI gr. Steel Body (martensitic and ferritic steels have lower resistance to oxidation and Temperature sustainability upto 800°C and yield Stress upto 210MPa), lower thermal diffusivity,
- ix. Outer body: Mild steel body epoxy powder coated, Insulation alumina 65gr. Wool,
- x. Exterior Dimensions: 600mmx600mmx600mm(H) (approx.)

Item No- 03.04

Name of the item – Hydro Thermal Auto Clave

Quantity – 03

Name of the Dept. – Chemistry

Specification –

Specifications:

- i. Cap. 50ml
- ii. MOC: SS 316
Teflon Beaker with cap (temp. sustainability 200°C)

Item No- 03.05

Name of the item – Molpro Software License

Quantity – 01

Name of the Dept. – Chemistry

Specification – Molpro Software License

Item No- 03.06

Name of the item – Projector

Quantity – 01

Name of the Dept. – Chemistry

Specification – BenQ MS550 SVGA DLP Projector, High Brightness 3600 ANSI Lumens, 20000:1 High Contrast Ratio, Dual HDMI, VGA, Keystone Correction, Upto 15000 Hrs Extra Long Lamp Life, Anti-Dust Sensor, 3D Capable.

Item No- 03.07

Name of the item – Multifunction Printer

Quantity – 01

Name of the Dept. – Chemistry

Specification – Printing Speed – 40 pages per Minute, Wireless Connectivity, Wireless, Auto Duplex Printing and Scanning, Monochrome, Max Input Sheets – 900, Memory Capacity – 64 MB, Screen Touch System, Scanning Facility Available

Item No- 03.08

Name of the item – Exhaust Fan

Quantity – 05

Name of the Dept. – Chemistry

Specification – Hot air elimination and temperature control, Industrial Extractor fans, marut air 40 inch exhaust fan, Speed – 1600 RPM, Phase – Single Phase, Size – 100 mm, fan type – heavy duty, No of blades – 06, Material – GI, Voltage – 240V,



Item No- 04.01

Name of the item – Sound System for Smart Class Room

Quantity – 01

Name of the Dept. – Computer Application

Specification – Sound System for Smart Class Room:

Sl.No	Name of the Item	Quantity
1.	Goose neck microphone along with base	01
2.	Lectern	01
3.	PA Column Speaker	06
4.	Mixer Amplifier	01
5.	Cordless Mic Set (one lapel and one handheld)	
6.	Installation, Fixing, Wiring, Cabling with casing in a 30x30 ft room	1 job

Item No- 04.02

Name of the item – AC

Quantity – 06

Name of the Dept. – Computer Application

Specification – 2 Ton 3 star split Inverter AC, Copper Condenser, along with Stabilizer and Installation.

Item No- 04.03

Name of the item – RAM

Quantity – 150

Name of the Dept. – Computer Application

Specification – 4 GB (1x4GB) 1600 MHz DDR3 Non-ECC Desktop Memory for Dell Optiplex 9020.

Item No- 04.04

Name of the item – SSD

Quantity – 50

Name of the Dept. – Computer Application

Specification – 512GB SATA III 6Gbps/s SSD Drive with Connecting Cables.

Item No- 05.01

Name of the item – Desktop

Quantity – 08

Name of the Dept. – Computer Science

Specification –

Operating System - Windows 11 Professional
Processor Name – Intel® Core™ i5-12400T (up to 4.2 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads)
Processor Family - 12th Generation Intel® Core™ i5 processor
Chipset - Intel® ADL H670 Memory
Memory - 8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Hard Drive Description - 256 GB PCIe® NVMe™ M.2 SSD
Hard Drive (2nd) - 1 TB 7200 rpm SATA HDD

Graphics -Intel® UHD Graphics 73 Expansion Features
Ports - 4 Super Speed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
Wireless - Realtek RTL8821CE-M 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2
combo
Power and Operating Requirements
Pre-Installed Software - Microsoft Office Home and Student (Lifetime)

Item No– 05.02

Name of the item – 2U Rack server

Quantity – 01

Name of the Dept. – Computer Science

Specification – (DELL/HP) model Power Edge R550, 20” LED Monitor for server, Optical USB
Scroll Mouse with Keyboard for server, 24” Gigabit Ethernet switch, 24”
Gigabit CAT6 Patch panel, 3 Mtr CAT6 UTP Patch cord, CAT6 UTP cable
305 Mtr, 5 KV A Online UPS with 4 hours battery backup, 16 AH SMF
battery for UPS.

Item No– 05.03

Name of the item – Raspberry Pi 4 (8 GB RAM Starter kit): For IoT subject/Lab

Quantity – 10

Name of the Dept. – Computer Science

Specification – Raspberry Pi 4 (8 GB RAM Starter kit): For IoT subject/Lab

Item No– 05.04

Name of the item – Computer Hardware

Quantity – 05 each

Name of the Dept. – Computer Science

Specification –

(i)Arduino UNO R3 board, (ii)Lilypad Arduino, (iii)RedBoard, (iv)Arduino
Mega(R3), (v)Arduino Leonardo: For IoT subject/Lab

Item No– 05.05

Name of the item – GPU Computer

Quantity – 02

Name of the Dept. – Computer Science

Specification – GPU Computer (Intel Core i9, 12th Gen, 16 Core, 6000Mhz ATX Motherboard with
PCIe 5.0, DDR5, NVIDIA Graphics Card).

Item No– 06.01

Name of the item – Desktop

Quantity – 07

Name of the Dept. – Economics

Specification – (i5, 8GB RAM, 500 GB SSD, Windows 11 with MS Office and Three years
warranty)

Item No– 06.02

Name of the item – Software

Quantity – 01 each

Name of the Dept. – Economics

Specification – Statistical Software: (01) i. Eviews, ii. SPSS & iii. STATA

Item No– 06.03

Name of the item – Video Conferencing Camera

Quantity – 01

Name of the Dept. – Economics

Specification –

- ❖ Video conferencing PTZ Camera 10x optical zoom $f= 4.7-47\text{mm}$, Multi Media Speaker Phone.
- ❖ OPS System for interactive panel : intel core i5/8GB RAM/256 Flosk memory (SSD) with power management software.
- ❖ Testing Installation, Demonstration

Item No– 07.01

Name of the item – Hysteresis Loop Tracer to find coercively, retentivity, loss, Saturation.
(Sciencetech/Nvis/AE/Labinco)

Quantity – 01

Name of the Dept. – Physics

Specification – Solenoid coil

- >Diameter of pickup coil : 3.21 mm
- >Measurement unit that contains:-
 - 1.Variable magnetic field
 - 2.Display of magnetic field in gauss
- >Iron sample, Length : 39 mm each,Diameter : 1.2 mm
 - 1.Nickel
 - 2.Hard steel
 - 3.Soft iron > Product Tutorial

Item No– 07.02

Name of the item – Function generator

Quantity – 01

Name of the Dept. – Physics

Specification – Signal: Sine wave, Square wave, Triangle wave
Display: 6 digit LED display
Frequency range: 0.1Hz to 5MHz,
Output voltage: 20Vp-p
Distortion: <1%

Item No– 07.03

Name of the item – Characteristics of MOSFET

Quantity – 01

Name of the Dept. – Physics

Specification – OBJECT

01 To determine experimentally the Drain characteristics of a given MOSFET.

02 To study the use of MOSFET as an amplifier and to measure its voltage gain in common source configuration.

FEATURES

The board consists of following built-in parts:

- 01 0-15V D.C. at 50mA, continuously variable regulated Power Supply.
- 02 0-4V D.C. at 10mA, continuously variable regulated Power Supply.
- 03 0-1V D.C. at 10mA, continuously variable regulated Power Supply.
- 04 Digital DC Voltmeter 3½ Digit range of 0 - 20V.
- 05 Digital DC Ammeter 3½ Digit range of 0 - 20mA .
- 06 Metal Oxide Semiconductor Field Effect Transistor (MOSFET).
- 07 Adequate no. of other electronic components.
- 08 Mains ON/OFF switch, Fuse and Jewel light.
- 09 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.

Item No- 07.04

Name of the item – Characteristics of FET

Quantity – 01

Name of the Dept. – Physics

Specification –

OBJECT

To study the characteristics of Field Effect Transistor.

01 Measurement of a saturation current for zero gate bias IDSS.

02 Plot the static drain characteristics of FET

2.1 Drain Current V/s Drain Voltage (Drain or output) Characteristics for different fixed values of VGS

2.2 Drain Current V/s Gate Bias (Mutual or Transfer) Characteristics for different fixed values of VDS

03 Show that FET work as VVR (voltage variable resistance).

04 Calculate the FET parameters (drain dynamic resistance r_d , mutual conductance g_m , and m amplification factor m) at a given operating point.

FEATURES

The Board consists of the following built-in parts:

01 0 to 20V DC at 50mA, continuously variable Power Supply.

02 0 to 12V DC at 50mA, continuously variable Power Supply.

03 Two Digital Voltmeter DC 3½ Digit Having range of 0- 20V.

04 Digital Current meter DC 3½ Digit Having range of 0-20mA

05 Field Effect Transistor.

Item No- 07.05

Name of the item – Characteristic of a transistor

Quantity – 01

Name of the Dept. – Physics

Specification –

To study and plot the Transistor input and output Characteristics in the following configurations:

01 Common Emitter configuration.

02 Common Base configuration.

03 Common Collector configuration.

04 Transfer Characteristics of transistor.

FEATURES

The board consists of the following built-in parts :



- 01 Two 0-10V D.C. at 50mA, continuously variable Power Supplies for Base Emitter & Collector Emitter junctions.
- 02 Two Digital Voltmeter DC 3½ Digit Having Dual range of 2V / 20V.
- 03 Two Digital Current meter DC 3½ Digit Having Dual range of 200uA / 20mA
- 04 Two silicon (NPN & PNP) transistors and two Germanium (NPN & PNP) transistors.
- 05 Adequate no. of other electronic components
- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 07 The unit is operative on 230VAC ±10% at 50Hz.
- 08 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug, length 50cm.

Item No– 07.06

Name of the item – Ripple Factor Apparatus

Quantity – 01

Name of the Dept. – Physics

Specification –

Instrument comprises of AC Power Supply, 2 meters to measure Output Voltage & Output current, 4 PN Junction Diodes, Filter Circuit Kit, load Resistances selectable using band switch. One dual range Electronic voltmeter to measure ripple directly.

Item No– 07.06

Name of the item – Impedence and power factor of an A.C Circuit (L.C.R Impedance)

Quantity – 01

Name of the Dept. – Physics

Specification –

OBJECT

Determination of Power and Power Factor in series RLC circuit using Single Phase.

EXPERIMENTS

- 01 Study of Series RLC Circuit using Single Phase A.C. and to determine
 - 1.1 Power
 - 1.2 Power Factor and also draw the vector diagram.
- 02 Study of Series R-L Circuit using Single Phase A.C. and to determine
 - 2.1 Power
 - 2.2 Power Factor and also draw the vector diagram.
- 03 Study of Series R-C Circuit using Single Phase A.C. and to determine
 - 3.1 Power
 - 3.2 Power Factor and also draw the vector diagram.

FEATURES

The board consists of the following built-in parts:

- 01 Mains transformer having Secondary tappings at 20V, 30V, 40V, 50V and 60V A.C. at 500mA
- 02 Two A.C. Voltmeters, 65mm rectangular dial to read 0-75V.
- 03 A.C. Voltmeter, 65mm rectangular dial to read 0-50V.
- 04 A.C. Milliammeter, 65mm rectangular dial to read 0-500mA.
- 05 High wattage resistance, capacitor and inductor.
- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 07 The unit is operative on 230VAC ±10% at 50Hz.



08 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.

Item No- 07.07

Name of the item – Diodes Characteristics

Quantity – 01

Name of the Dept. – Physics

Specification –

OBJECT

01 To draw the plate voltage V/s plate current curve for different values of filament voltages.

02 To determine the plate resistance from the characteristics thus obtained.

FEATURES

The board consists of the following built-in parts :

01 0-300V D.C. at 100mA, regulated Power Supply for plate voltage.

02 2V, 3V, 4V, 5V and 6.3V A.C. at 600mA, power supply for filament selectable by switch.

03 Digital Voltmeter DC 3 1/2 Digit Having Dual range 2 of 20V / 1000V.

04 Digital Current meter DC 3 1/2 Digit Having Dual 2 range of 20mA / 200mA .

05 A valve with base fixed on panel and wired internally.

06 Mains ON/OFF switch, Fuse and Jewel light.

GENERAL FEATURES

01 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.

02 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.

03 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.

Item No- 07.08

Name of the item – Zeener diode Characteristic

Quantity – 01

Name of the Dept. – Physics

Specification –

OBJECT

01 To study and plot the forward & reverse bias characteristics of a Germanium semiconductor Diode.

02 To study and plot the forward & reverse bias (breakdown) characteristics of a Zener Diode.

FEATURES

The board consists of the following built-in parts :

01 0-10V D.C. at 10mA, continuously variable regulated Power Supply with low ripple & hum and integral current limiting resistor.

02 Digital Voltmeter DC 3 1/2 Digit Having Dual range of 2V / 20V.

03 Digital Current meter DC 3 1/2 Digit Having Dual range of 20mA / 20mA

04 A Germanium semiconductor Diode mounted behind the panel.

05 A Zener Diode mounted behind the panel.

06 Adequate no. of other electronic components.

07 Mains ON/OFF switch, Fuse and Jewel light.

08 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.

09 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½ metre.

10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.

11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Item No– 07.09

Name of the item – Hartley Oscillator

Quantity – 01

Name of the Dept. – Physics

Specification –

the frequency of oscillation is determined by the formula $1 / (2\pi\sqrt{LC})$. Here, 'L' represents the total inductance which is the sum of the two series-connected inductors, and 'C' stands for the capacitance. Changing these values alters the oscillator's frequency.

Item No– 07.10

Name of the item – Colpitts Oscillator

Quantity – 01

Name of the Dept. – Physics

Specification –

The Colpitts circuit, like other LC oscillators, consists of a gain device (such as a bipolar junction transistor, field-effect transistor, operational amplifier, or vacuum tube) with its output connected to its input in a feedback loop containing a parallel LC circuit (tuned circuit), which functions as a band pass

Item No– 08.01

Name of the item – UV TRANSILLUMINATOR WITH FACE SHIELD.

Quantity – 01

Name of the Dept. – Wildlife and Biodiversity Conservation

Specification – Material: MS Power Coated

Dimension: 33x23x12cm

UV Viewing Area: 20 x 20 cm

Imported Filter

Detection Limit 1ng

No. of tubes: 6

Wave length: 312 nm

Power cord and uv shield

Item No– 08.02

Name of the item – Binoculars

Quantity – 05

Name of the Dept. – Wildlife and Biodiversity Conservation

Specification –

Binoculars for Long Distance 10 x 60 HD, 10 x Zoom Binocular for Adults, Telescope with Pouch (Green). Product Dimensions:19.2 x 17.8 x 6.4 cm; 855 Grams; Special Features Lightweight; Mounting Hardware Binocular, Number of items 1; Maximum magnification10 x-Minimum magnification 10 x-Optical zoom 10 x-Batteries Included

No; Batteries Required No; Material Plastic_Lens type Objective Lens; Mounting Type Tripod Mount; Actual viewing angle 6.5 Degrees; Item Weight 855 g.

Item No- 08.03

Name of the item – Leaf area meter

Quantity – 01

Name of the Dept. – Wildlife and Biodiversity Conservation

Specification – Technical Specification: Precision: $\pm 2\%$, Resolution: 0.01cm², Measuring length: ≤ 1000 mm, Measuring width: ≤ 160 mm, Thickness: ≤ 8 mm, Data Capacity: ≥ 1000 groups, Test unit: Millimeter, Square, Centimeter, Function difference: without computer interface

Item No- 08.05

Name of the item- Inverter

Quantity – 02

Name of the Dept. – Wildlife and Biodiversity Conservation

Specification – 2KV inverter with battery (Cruze+ 2KVA, Pure Sine Wave 2000VA/ 24V, Red Charge RC 18000 Tall Tubular 150Ah Battery)

Item No- 08.06

Name of the item- Micro Centrifuge

Quantity – 01

Name of the Dept. – Wildlife and Biodiversity Conservation

Specification – SPINWIN™ MC-00 Micro Centrifuge (Tarsons) 1003 (6 x 1.5 ml tubes)

Item No- 08.07

Name of the item- Printer

Quantity – 01

Name of the Dept. – Wildlife and Biodiversity Conservation

Specification – HP Laserjet 138fnw Monochrome Compact Wi-Fi Printer with Network Support for Reliable, Fast Printing (Print, Copy, Scan, Fax)

Item No- 08.08

Name of the item – LED Projector for classroom (02)

Quantity – 02

Name of the Dept. – Wildlife and Biodiversity Conservation

Specification –

Product Dimensions 25 x 29.6 x 12 cm; 2.7 Kilograms, Item model number EX800ST;
Hardware Interface VGA, HDMI, USB 2.0 Type A, USB 2.0 Type B; Resolution XGA;
Special Features Speakers
Mounting Hardware Projector, Wireless Dongle, Power Cord, Remote Control with Battery, VGA Cable, Quick Start Guide; Number of items 1
Remote Control Description IR; Display Technology DLP; Display Type DLP
Image brightness 3300; Image contrast ratio 20000:1
Aspect Ratio 4:3; Screen Resolution 1024 x 768
Resolution 1024 x 768 Pixels; Noise Level 33 dB
Voltage 230 Volts; Wattage 280 Watts
Power Source Corded Electric
Batteries Required No; Refresh Rate 60 Hz

Total USB ports 3; Connector Type VGA, USB, HDMI
Form Factor Portable
Mounting Type Tabletop Mount; Includes remote Yes

Item No- 09.01

Name of the item – DAPI Filter for Hund Wetzlar Fluorescent microscope Model H600/12

Quantity – 01

Name of the Dept. – Zoology

Specification –

- Excitation range 340-380nm
- Dichroic mirror 400nm, barrier filter 435-485nm
- Filter slider for 2 filter sets

Item No- 09.02

Name of the item – Rotary Evaporator

Quantity – 01

Name of the Dept. – Zoology

Specification –

- 5L heating bath with a wide temperature range (room temp.to180°C), independent temperature control, make it can be used separately. Water/oil heating mode should be changed only through a switch.
- Manual lift combined with auxiliary lift for precise positioning of the glassware.
- Brushless DC motor.
- PID control to ensures high temperature accuracy at $\pm 1^\circ\text{C}$ (water).
- LED display for speed, temperature, time
- Safety feature for Overheating protection temperature at 220°C , Boil-dry protection, automatically power off if heating without water/oil in the heating bath.
- Control accuracy of temperature water: $\pm 1^\circ\text{C}$, oil: $\pm 3^\circ\text{C}$
- It should have Speed range from 20 to 200rpm, timing interval operation in clockwise and anticlockwise directions for drying process.
- Patented condenser (cooling surface 1200/1700cm² for selection), double helix condensing tube + centre circular arc design to speed up the flow rate of liquid with excellent cooling effect.
- Ejection mechanism should ensure easy exchange of evaporating flask
- It should have adjustable immersion angle.
- Patented double spring sealing ring which is made of PTFE to provide an excellent sealing performance.
- Compatible with the entire range of glassware
- Heating Power-1010 W
- Stroke Displacement should be Manual 110mm + auxiliary100mm
- It should have Interval Time Setting Range of 1~999s
- Dimension of the machine should not be more than Main Unit: 440×320×450mm, Heating Bath: 300x300x240mm.
- Permissible Ambient Temperature- 5~40 °C, Permissible Relative Humidity-80%RH
- Protection Class- IP20
- It should have USB interface
- Voltage/Frequency- 100~120/200~240V 50/60 Hz, Power- 1100 W

- Oil Free vacuum pump
- Chemical Resistant Parts
- MOC Aluminium Die Cast
- Vacuum 27"HG - 705mmhg
- Flow 60LPM
- Stage Double
- Pressure 55 Psig
- Connection 12mm Hose
- Weight 9.5kg
- Motor 1/4hp
- Fitted with vacuum gauge & regulator
- Complete with vacuum tube and air vent filter
- Enhanced temperature range up of -20c to RT
- Temperature control-Microprocessor digital PID temperature controller cum indicator.
- Compact and space saving
- Continuous and robust cooling
- Powerful pump for circulation
- Construction of water bath should be SS
- Inner SS and Outer MS construction
- Sensor-PT100 sensor
- Water bath should have 12L volume
- Pump type-chemical resistance magnetic pump
- Circulating pump-to circulate liquid/water to external source in closed loop condition
- Pump flow rate of 15 L/min
- Evaporating flask- 100ml, 250ml, 500ml, 1000ml
- Receiving flask- 100ml, 250ml, 500ml
- Warranty on complete unit should be 1 year from the date of installation.

Item No– 09.03

Name of the item – Soxhlet Extractor

Quantity – 01

Name of the Dept. – Zoology

Specification –

- Capacity :500ml, Flask size:2000ml
- Made from Borosilicate
- Heating mantle: 200-300w with Ambient to 400⁰C, Flask capacity: 500ml to 1000ml
- With Interchangeable Joints
- Used for separation of the extract from the liquid or solid
- Greater surface area than the Liebig Condenser owing to a series of bulbs, resulting in higher cooling capacity
- This method enables effective separation, with relatively small quantities

Item No– 09.04

Name of the item – Water quality cheker

Quantity – 01

Name of the Dept. – Zoology

Specification –



- Measuring parameter: pH/ORP/ION/CONDUCTIVITY/TDS/SALINITY/RESISTIVITY/°C
- Features:
 - Choose auto-calibration with preset values for quick easy calibration, or manual multi-point calibration for greater accuracy
 - Easy standardization with auto-standardization feature – detect the exact cell constant value of your electrodes with the press of a button
 - Up to 6-point calibration with auto-buffer recognition
 - Includes high performance 4-cell Conductivity probe
 - Quick, easy electrode diagnosis with the effective cell constants display
 - Non-volatile memory holds up to 500 data points – time and date-stamped for GLP compliance
 - Bi-directional RS232 for easy data transfer to computer
 - Cal-due alarm – no more out-dated calibrations
 - Auto-logging function for convenient continuous monitoring
 - Limit alarm alerts when reading falls out of range
 - Password protection for setup and calibration
 - **pH Range:** -2.00 to 20.00 pH
 - Resolution / Accuracy 0.1 / 0.01 / 0.001 pH / ±
 - 0.002 pH + 1 LSD mV Range: ± 2000 Mv
 - Resolution / Accuracy :0.1 mV /±2 mV No. of pH Calibration : 6 Points
 - **Ion Range :** 0.001 to 19999 ppm (±2000 mV) Resolution / Accuracy : 2 or 3 digits / 0.5 % full scale (monovalent) ; 1 % full scale
 - No.of Ion Calibration Points : 2-8 points
 - **Conductivity Range:** 0.050 µS to 500.0 mS Resolution / Accuracy 0.01 / 0.1 µS ; 0.001 /
 - / 0.1 mS ±1 % full scale
 - No. of Cond. Calibration Points: 5 points (1 point per range)
 - **TDS Range :** 0.050 ppm to 500 ppt (@ TDS factor 1.00)
 - Resolution / Accuracy: 0.01 / 0.1 ppm ; 0.001 /
 - / 0.1 ppt ±1 % full scale
 - No. of TDS Calibration: 5 points (1 point per range) Points
 - **Salinity Range:** 0.0 to 80.0 ppt
 - Resolution / Accuracy: 0.01/ 0.1 ppm ; 0.001 /
 - / 0.1 ppt ±1 % full scale
 - **Resistivity Range:** 2.000 Ω to 20.0 MΩ Resolution / Accuracy: 0.01 / 0.1 Ω ; 0.001 / 0.1 kΩ ; 0.01 MΩ ±1 % full scale
 - Temp. Range : 0.0 to 100.0 °C/32.0 to 212.0 °F
 - Resolution / Accuracy 0.1 °C (0.1 °F); ± 0.3 °C
 - (±0.5 °F) GLP : Yes
 - Memory 500 data sets
 - Output RS 232C (via cable)
 - Chloride, fluoride, calcium probe with standards

Item No– 10.01

Name of the item – Magnetic stirrer with hot plate

Quantity – 01



Name of the Dept. – Material Science

Specification – Magnetic stirrer with hot plate

Item No– 11.01

Name of the item – Rock hand specimen (Igneous, Sedimentary, Metamorphic Rock)

Quantity – 05

Name of the Dept. – Geology

Specification – Igneous Rock Sample – 05

Sedimentary Rock Sample – 05

Metamorphic Rock Sample – 05

Item No– 11.02

Name of the item – Hardness Box

Quantity – 03

Name of the Dept. – Geology

Specification – Hardness Box

Item No– 11.03

Name of the item – Toposheet

Quantity – 03

Name of the Dept. – Geology

Specification – Toposheet

Item No– 11.04

Name of the item – Geomorphic Model

Quantity – 03

Name of the Dept. – Geology

Specification – Geomorphic Model

Item No– 11.05

Name of the item – Crystallographic Model (System Wise)

Quantity – 01

Name of the Dept. – Geology

Specification – Crystallographic Model (System Wise)

Item No– 11.06

Name of the item – Drainage Pattern Model

Quantity – 05

Name of the Dept. – Geology

Specification – Drainage Pattern Model

Item No– 12.01

Name of the item – GPS SYSTEM

Quantity – 01

Name of the Dept. – Remote Sensing & GIS

Specification – 2.2 INCH Screen, Garmin

Item No- 13.01**Name of the item** – Massage Ball**Quantity** – 01**Name of the Dept.** – Yoga & Naturopathy**Specification** – Massage Ball, L x W x H – 7.1 x 7 x 7 CM, Weight – 154g, The targeting of muscles is best done when you lie down on the trigger point ball, pitching it between the desired targeted muscle and the wall or floor. It will take a bit of practice to figure out how best to maximize pressure effectively to muscles and the relieve of muscular tension.**Item No- 13.02****Name of the item** – Yoga Wheel**Quantity** – 01**Name of the Dept.** – Yoga & Naturopathy**Specification** –

Yoga Wheel, L x W x H – 35 x 15 x 35 CM, Increasing the strength of floor exercises to exercise the muscles of the body is very useful for the inner and outer thighs, upper arms, chest and even pelvic muscles. TPE outer ring, non-slip pattern to enhance the safety of use; environmental protection, non-toxic, tasteless, non-irritating to the skin. Yoga Wheel is made from a EVA durable material that can withstand repeated use without losing its shape. Size: 13 x 6 inches. LIGHTWEIGHT: Vedam yoga wheel is lightweight EVA material, making it easy to transport and store.

Item No- 13.03**Name of the item** – Water Heater**Quantity** – 01**Name of the Dept.** – Yoga & Naturopathy**Specification** –

Water Heater, Ajanta AquaHeat Pro IR 2000- Watt Immersion Rod Water Heater | Double ISI Marked with 1 Year Replacement Warranty | Instant Heating and Energy Saver | Bucket Holder | Long Cord

Item No- 13.04**Name of the item** – Tratak Stand**Quantity** – 01**Name of the Dept.** – Yoga & Naturopathy**Specification** –

Tratak Stand, PrimeSurgicals Trataka Candle stand is made of good quality stainless steel. Convenient for travelling - easy knock down assembly - Can hold candle. Very pleasing and decorative Stainless Steel finish. Comes with Complete Instructions - the best tool for Trataka or 3rd eye meditation - builds focus

Item No- 13.05**Name of the item** – Round Yoga Bolster**Quantity** – 01**Name of the Dept.** – Yoga & Naturopathy**Specification** – **Round Yoga Bolster**, The Yogis Iyengar Yoga Bolster Removable/Washable Cotton Cover [with - Yoga Belt] (Size: L 59 x W 23cm)**Item No- 13.06****Name of the item** – Meditation Yantra**Quantity** – 01**Name of the Dept.** – Yoga & Naturopathy

Specification –

Meditation Yantra, Purpledip Wooden Laser Cut Wall Hanging Divine Shapes Yoga Meditation Set Of 4: Sri Yantra, Sacred Flower, 64 Star Tetrahedron & Fountain Of Energy, Unfinished

Item No– 13.07

Name of the item – Magnet Acupressure

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – **Magnet Acupressure**, Perfect Magnet Acupressure Power Mat with Magnets & Pyramids for Pain Relief and Total Health - 12 x 12.5 Inches.

Item No– 13.08

Name of the item – Yogic Posture

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Yogic Posture, Yoga Chart – 1, 2, 3, 4, & 5 Wall Chart - Both Side Hard Laminated (Size 48 x 73 cm).

Item No– 13.09

Name of the item – Anatomy – All System Picture

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Anatomy – All System Picture, Spectrum Educational Large Wall Charts (Set of 3) Human Anatomy , Yogasana 1 & Surya Namaskar) [Wall Chart] SPECTRUM Wall Chart

Item No– 13.10

Name of the item – Weight Machine

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Weight Machine, Mechanical Personal Weight Machine for body weight measures upto 130kg Analog Precision Bathroom weighing scale ,fitness, Accuracy 100g (Mechanical Weighing Machine)

Item No– 13.11

Name of the item – Treatment Table

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Treatment Table, [Three-stage Design and Adjustable Height] The Massage Bed is Designed in three Sections, The expanded size of this massage bed is 84in*24in*23in (LxWxH). the Height of one Section can be Adjusted to Meet more Usage Requirements, [Portable and Foldable] After using the Tattoo Massage bed, you can Store the headrest inside. The Massage bed will be Folded like a Suitcase, with Handles on the Side for you to Carry. The Foldable Salon Bed has a Smaller Volume and is Convenient for Storage, [Easy to assemble] This tattoo massage bed can be assembled without the use of additional tools. All we had to do was open/unfold massage bed from the Middle and the Legs Automatically Fell into Place. Massage table quick Installation method Saves Valuable time. [Sturdy and load-bearing] Our Physiotherapy Massage Bed is integrated with a Sturdy beech Hardwood frame, High-strength steel wire rope and Specially processed wooden legs, so it is Strong and Durable. This massage table can support up to 450 pounds, so you can use it with Confidence.[Multi-purpose] This 3 fold Massage Bed can be used in many Occasions, can be used as a Salon Bed, Body Treatment Bed, Facial Tattoo bed, of course it is still a Professional Massage Bed

Item No- 13.12

Name of the item – Shirodhara Stand & Pot

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Shirodhara Stand & Pot, Apex Digital Shirodhara Stand with Pot

Item No- 13.13

Name of the item – Steam Chamber

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification –

Steam Chamber, Relief From Colds, Clean And Nourish The Skin With This Portable Steam Bath Stimulate Blood Circulation, Increase Metabolism, Relax Tired Muscles And Joints, Eliminate Fatigue This Steam Bath Target Symptoms Of Arthritis, Excess Weight, Gas, Back Pain, And Defects Of The Skin. Also Used For Relaxation And Spa. Designed First Time in Dual Tone For Aromatherapy And Chinese Herbals. A Good Practice In Weight-Loss/Fitness. Comfortable & Roomy For One Adult. Compact And Portable

Item No- 13.14

Name of the item – Massage Gun

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Massage Gun, beatXP Bolt Deep Tissue Massage Gun | Percussion Muscle Massager for Full Body Pain Relief of Neck, Shoulder, Back, Foot for Men & Women Up to 1 Year Warranty by beatXP (Black)

Item No- 13.15

Name of the item – Wall Ropes

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Wall Ropes, Streetup India® Cotton Wall Ropes Set of 4 for Iyengar/Restorative Yoga | Anti-Gravity White (With Fastner)

Item No- 13.16

Name of the item – Foam Roller Kit

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Foam Roller Kit, The Cube Club | High Density Foam Roller with Roller Stick, Massage Ball for Deep Tissue Massage, Physical Therapy, Muscle Recovery, Physiotherapy (Foam Roller Kit).

Item No- 13.17

Name of the item – Loop Hip Band

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Loop Hip Band, Fitlastics Resistance Loop Bands Set for Squats, Stretching, Strength Training Exercises, Hips & Glutes Heavy Workouts for Men & Women

Item No- 13.18

Name of the item – Yoga Strauss

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Yoga Strauss, serveuttam High Density EVA Yoga Support Lightweight Odour Resistant and Moisture-Proof 2 Pc Blocks and Belt

Item No– 13.19

Name of the item – Yoga Pilate

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Yoga Pilate, Hykes Unbreakable Resistance Bands Set (11Pcs) for Exercise, 100% Natural Latex Toning Tubes Kit for Workouts, Stretching for Men and Women (150Lbs) ,NATURAL LATEX

Item No– 13.20

Name of the item – Yoga Circle Stretching Pilates Ring

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Yoga Circle Stretching Pilates Ring, Ring Yoga Circle Stretch Ring Fascia Massage Workout Pilates Ring Fitness Home Gym Accessories, 23 x 12 c

Item No– 13.21

Name of the item – Wooden Yoga Blocks

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Wooden Yoga Blocks, Premium Wooden Yoga Block, Eco-Friendly Pure Wood Yoga Block Brick, Provides Stability, Balance and Flexibility, for Yoga, Workout, Fitness & Gym Large [Set of - 2 Piece] { Free - Yoga Belt } Size - 9×5×3 Inch

Item No– 13.22

Name of the item – Aerial Yoga Instruments

Quantity – 01

Name of the Dept. – Yoga & Naturopathy

Specification – Aerial Yoga Instruments, Blastoise Yoga Rope Adjustable Backbend Training Belt Anti-gravity Aerial Yoga Strap Hammock Dance Leg Waist Stretch Fitness Home Gym.

ITEM 2: ELECTRICAL AND ELECTRONICS ITEMS FOR ADMINISTRATIVE OFFICE AND P.G DEPARTMENTS

Sl.No	Name of the Item	Specification	Quantity
1.	Desktop	Monitor – 23.08 Inch(60.45CM), 1920 x 1080 Pixels IPS, 3- Sided Micro-Edge LED Monitor, 75Hz, AMD Free Sync with 1xVGA, 1xHDMI, 1.4 Ports, CPU - Ram – 8GB, Memory – 512GB SSD, Intel Core – i5, Processor Speed – 4.4 GHz, Memory Technology – DDR4, Memory Clock Speed – 3200 MHz, Hard Disk Rotational Speed – 7200, Connectivity – Bluetooth, Wi-Fi, Number of USB 3.0 Ports & Operating System – Windows 11 Home	45
2.	UPS	Voltage Range (AC Model) – 230VAC ± 10%	45

		Voltage Range (Batt. Model) – 230VAC ± 10% Frequency Range – 50Hz/60Hz ±1% Battery Type - 12V 7AH x 1 No Recharge Time – 4-6 Hours to charge 90% LED Indicator, Capacity – 600VA Protect from overloading , input voltage range 140-300VCA	
3.	Multifunction Printer	Laser, Monochrome, Wi-Fi, 21 pages per minutes, 48.2 x 44.7 x 42.1 CM, Card stock, Labels, C5, A4, A5, DL, Letter, Legal, JIS B5, Resolution – 600 x 600 dpi, 150 maximum Sheet Capacity, Wireless, Compact Special Features, LED Display, 300 Watts	19
4.	Air conditioner	Type: Green AC with Capacity: 2 Ton, Star Rating: 5 Star, Type: Split AC, Condenser Coil: Copper, Power: AC-220-240V-50Hz, Function: Cooling and dehumidification during cooling mode, Warranty: 5-10 Years, Indoor wall Mounting, Including Stabilizer with installation & Commissioning.	11
5.	Air conditioner	Type: Green AC with Capacity: 1.5 Ton, Star Rating: 5 Star, Type: Split AC, Condenser Coil: Copper, Power: AC-220-240V-50Hz, Function: Cooling and dehumidification during cooling mode, Warranty: 5-10 Years, Indoor wall Mounting, Including Stabilizer with installation & Commissioning.	05
6.	Xerox Machine	Function: Print, Copy, Scan. Monochrome Multifunction. Paper size: A4/A3. High image quality. Print Technology: Laser	11
7.	LCD Projector	Technology: One Chip DLP. Resolution: 1920X1080 or Higher. Optical zoom. Type of Light Source: UHP / UHE / UHM. Inbuilt Speaker. 3D Projection capability. Power: 210V-240V,50Hz. On site OEM Warranty : 2 years or More.	11
8.	LCD Projector Stand	In light motorized Home Theater, 7 X 5 feet, 100 inches diagonal with wall mounting options and remote control	01
9.	Inverter	Rating: 3KVA. Technology: MOESFET-PWM. Energy Star Rating: 3 Star. Battery Back-Up with 3- 4hrs.	01
10.	Inverter	3KVA 96V UPS with Inbuilt 8Nos 7.5AH Batteries (Numeric or APC)	01
11.	LED Television	55 inches LED of 4K resolution	01
12.	Diesel Generator Set (DG Set)	63 KVA DG Set with movable system.	01

13.	Tablets	<p>Tablet with Stylus pen (S-Pen). Screen size: 26.31 Centimeters (10.4-inch) TFT with 2000 x 1200 pixels resolution, Rear camera: 8MP or more. Front Camera: 5MP or more. RAM: 4GB or More, Internal memory: 128GB or more and expandable up to 1TB or more. Battery backup: 7,040 mAh or more and USB Type C. OS: Android 12 or Higher with high end processor. Dual speaker availability.</p> <p>Supporting all Types of SIM Cards and Wi-Fi network availability.</p>	10
14.	Audio system	<p>Technical specification: Wireless Portable-Bluetooth Speaker with 25 Hour-Battery, Built in Handle and Wheels. Port for Microphone. Omni Directional Sound, USB and Bluetooth Connectivity. Dimension: 96.7 x 49 x 49.2 cm or more. Floor Standing. Batteries: Preferably Lithium Ion batteries. Compatible with Computers, Laptops, Tablets, Mobiles.</p>	01
15.	Public Addressing system (PA System)	<p>75" 4K Interactive Display, Lag-free, Pen-on-paper Writing Experience with Ultra Fine Touch Technology, Synchronous Writing Performance with Dual Pens. 350 nits Brightness, 5000:1 Contrast Ratio.</p>	01
		<p>Professional Display Wall moun bracket for 75" LED display</p>	01
		<p>Intel core i5, 4GB RAM,1TB HGG OPS for interactive display. Inbuilt WiFi, 2x USB 3.0 Port, 2x USB 2.0 Port</p>	01
		<p>A 27 CM sleek design digital conference system with Super Cardioid Pickup Pattern microphone. Priority Function for Host with Capacitive Touch Buttons. Frequency response of 60 to 20,000 Hz. Built In Loudspeaker with Volume Control & 3.5mm Headphone Interface. 6 Pin Connectivity with base station.</p>	01
		<p>A 27 CM sleek design digital conference system with Super Cardioid Pickup Pattern microphone. Capacitive Touch Buttons. Frequency response of 60 to 20,000 Hz. Built In Loudspeaker with Volume Control & 3.5mm Headphone Interface. 6 Pin Connectivity with base station.</p>	14

2

		Central Control Unit with 4" Touch Screen & 3rd Gen of audio processing algorithm, Noise suppression. 1x Balanced Audio Input and Audio Output Inyeface.1x Unbalanced Audio Input and Audio Output Interface 2x 25 Watts@ 4 Ohm Amp Output. Max NOM upto 8. Conferencing Modes: Nomal and Voice Activation. RS-232, RS-485 and RJ-45 Control port. 4x Aviation 6-Pin Interface. Inbuilt recording with Playback. Camera control port with Look-at-me features	01
		10mtr 6-Pin Interface extension conference Cable	01
		Power Amplifier: Two-channel, 300W @ 4Ω Power Amplifier, Features include RCA and XLR inputs, user selectable input sensitivity	01
		Two-way 5" speaker, providing full, high quality sound for background music and music-plus-paging systems. Transformer Taps: 100V / 70V: 30W, 15W, 7.5W	04
		Speaker Cable, Microphone cable, Audio Patch Cords, Connectors to complete the site in all respect, 6a rack.	01

ITEM 3: FURNITURE ITEMS FOR ADMINISTRATIVE OFFICE AND P.G DEPARTMENTS

Sl No	Item Name	Specification	Name of the brand/make	Model	Quantity
1	Laboratory Stool	1 Bar stool, steel bar stool, Cushion, Glossy, Black colour, Carbon steel, height adjustable.	Any	Sitting purpose in laboratory	08
2	Podium	Podium for Department Classroom Make: wood/Ply	Any	Podium for Department Classroom	14

- 1) Quoted Price is inclusive of all taxes, transportation duty and other charges if any.
- 2) Product quantity varies as per requirement.



ITEM 4: OUTDOOR GYM EQUIPMENT FOR AFFILIATED COLLEGES

Sl No	Item Name	Specification	Name of the brand/make	Model	Quantity
1	OG 30- Ab Board Double	Application – Outdoor GYM Material – Mild Steel Surface Finishing – Coated Target – Abs Mild Steel AB Boards Double, For Outdoor Gym	Any	Any	05
2	Ab Trainer Sit UP Bench	Operation Mode – Adjustable, Type – Situp Banches, Colour – Any, Size – 1504 x 1133 x 624 mm	Any	Any	05
3	OG 02-Sky Walker Double	Material – Mild Steel, Non- Portable, automation grade – manual , with all necessary items attached	Any	Any	05
4	OG 14- Standing Twister Triple	Material – MS Mild Steel, Indian Standard Items	Any	Any	05
5	Double Running Machine	Material – Iron, Automation Grade – Manual, Size – 3.66 x 1.53 x 4.93 ft	Any	Any	05
6	OG 18- Hand Rotator Double	For Outdoor Gym Hand Rotator Double, Material – MS Mild Steel, Indian Standard Items	Any	Any	05
7	OG 10- Pendulum Double	For Outdoor Gym Pendulum Double, Material – MS Mild Steel, Indian Standard Items	Any	Any	05
8	OG 31-Pull Up Station	Pull Up bar, Material – MS Mild Steel, Indian Standard Items	Any	Any	05
9	OG 36- Combination Set :- Leg	Material – MS Mild Steel, Indian Standard Items	Any	Any	05

- 1) Quoted Price should be inclusive of all taxes, transportation duty and other charges if any.
- 2) Product quantity varies as per requirement.
- 3) Picture of the items also attached with the details specification.

ITEM 5: AUDIO/VIDEO EXTENSION OF 200-SEATED ANNEX HALL

SI no.	Item Description	Name of the brand/make	Model	Qty
1	85" UHD Large Screen Signage Display that delivers immersive viewing experience by 4 times higher definition picture quality than FHD. IPS. Back Light Type: Direct. Aspect Ratio: 16 : 9. Native Resolution: 3840 x 2160 (UHD).	Branded	Branded	2
2	75" UHD Large Screen Signage Display that delivers immersive viewing experience by 4 times higher definition picture quality than FHD. IPS. Back Light Type: Direct. Aspect Ratio: 16 : 9. Native Resolution: 3840 x 2160 (UHD).	Branded	Branded	2
3	55" UHD Large Screen Signage Display that delivers immersive viewing experience by 4 times higher definition picture quality than FHD. IPS. Back Light Type: Direct. Aspect Ratio: 16 : 9. Native Resolution: 3840 x 2160 (UHD).	Branded	Branded	1
4	Heavy Duty Led TV Ceiling Mount Adjustable Bracket Fits 75 Inch LED 4K Display, Adjustable Height Telescoping Tilt and Swivel.	Branded	Branded	2
5	Universal Heavy Duty Floor Mount Stand for TFT Plasma LCD Led TV - Support Screen Size 55" Fix Tilt Floor Mount/Bracket/Stand. Support Load upto 40 Kgs	Branded	Branded	1
6	HIGH SPEED HDMI 2.0 / 2.1 Cable with Ethernet 30 mtr, Supports Ultra High-speed resolution& with 24K gold plated connector	Branded	Branded	2
7	HIGH SPEED HDMI 2.0 / 2.1 Cable with Ethernet 25 Mtr, Supports Ultra High-speed resolution& with 24K gold plated connector	Branded	Branded	2
8	HIGH SPEED HDMI 2.0 / 2.1 Cable with Ethernet 15 Mtr, Supports Ultra High-speed resolution& with 24K gold plated connector	Branded	Branded	4
9	10 Meter Active USB 2.0 Male to Female USB Extension and Repeater Cable	Branded	Branded	2
10	Digital podium helps to simplify events by incorporating various multimedia and AV devices in single platform.It has in-built 21" touch screen monitor with Hydrolic Up/Down buttons, Key Board/Mouse tray and sliding top tray for Laptop. 1 Gooseneck Microphone with Mute & Un-mute Button with Intel Core i5 8GB RAMM, 256 GB SSD. LAN Port, 1xHDMI/DP Output,2 x USB 3.0 port, 4 x USB 2.0 Port.	Branded	Branded	1

11	<p>Full High Definition PTZ Camera with 12X Optical and 12X Digital Zoom. 1/2.7" HD CMOS sensor. HDMI 2.0 and USB 3.0 synchronous Video output. 1080p60 resolution on both HDMI & USB3.0 Interface.</p> <p>RJ-45 Port for Video Monitoring and Streaming Applications. Inbuilt RTSP/RTMP Server. 4 Infra Red Identities Inbuilt wide Viewing Angle of 72.5°.</p> <p>High frame rate of 60FPS on USB 3.0 port as well as HDMI Port.TCP/IP Control, RS-232 as well as RS 485 Control.</p>	Branded	Branded	1
12	<p>Full High Definition PTZ Camera with 20X Optical and 12X Digital Zoom. 1/2.8" HD CMOS sensor. HDMI 2.0 and USB 3.0 synchronous Video output. 1080p60 resolution on both HDMI & USB3.0 Interface.</p> <p>RJ-45 Port for Video Monitoring and Streaming Applications. Inbuilt RTSP/RTMP Server. 4 Infra Red Identities Inbuilt. High frame rate of 60FPS on USB 3.0 port as well as HDMI Port.TCP/IP Control, RS-232 as well as RS 485 Control."</p>	Branded	Branded	1
13	Adjustable Bracket Long Drop Ceiling Mount Stand for 12X PTZ Camera	Branded	Branded	1
14	<p>40' HDMI 2.0 Active Optical Cable. Support data rate upto 18 Gbps.</p> <p>Resolutions upto 3820x2160@60 Hz@4:4:4. Support HDMI 2.0. Support HDCP 2.2.</p> <p>Highly resistant with RF and EMI interference. No External Power Supplies.</p>	Branded	Branded	1
15	<p>55' HDMI 2.0 Active Optical Cable. Support data rate upto 18 Gbps.</p> <p>Resolutions upto 3820x2160@60 Hz@4:4:4. Support HDMI 2.0. Support HDCP 2.2.</p> <p>Highly resistant with RF and EMI interference. No External Power Supplies.</p>	Branded	Branded	1
16	4 channel Video Video mixer, Multi Videoinput video mixer can provide a mixedvideo output by HDMI/USB-C. four no's HDMI	Branded	Branded	1

	inputs and Two no's HDMI Output, USB Type-C Videooutput for laptop/Pac, Mic/Line audioinput & output, support 1080p video resolution, LAN port and Live streaming functionality. PIP / POP function enabled			
17	A 4X4 HDMI Matrix Switcher comes with All-in-One Presentation System with 4 nos of inputs and 4 nos of outputs which would enable selectable simultaneous input connections from various devices like Desktop, Laptop, Display, etc.	Branded	Branded	1
18	1:4 is HDMI distribution amplifier for upto 4K HDR, HDMI signals that comply with HDCP 2.2 content protection standard. It has got one HDMI input, equalizes and reclocks the signal and distributes the same to 4 HDMI 2.0 output interface.	Branded	Branded	1
19	Digital Signal Processor with inbuilt Acoustic Echo Cancellation. 6.5mm Line Input and Line Output Terminal. USB Type-B Audio Port. Echo Cancellation \geq 68dB Signal to Noise Ratio: 84dB Full duplex, Two-way communication. Noise Reduction & AGC.	Branded	Branded	1
20	1500 Watts or more Mixing Amplifier Interface : Line Inputs x3, Mixed Line Output x2 Individual Gain Control for Microphone Inputs, 4-16 Ohm, 100V or more Output, AC & DC Operation with Auto Cool Function	Branded	Branded	1
21	Wall Mount Speakers with 5 Inches Driver and 3/4" inch High Frequency Driver. 100V tapping. Frequency response of 60 Hz to 20,000. Maximum SPL of 110 dB. Transformer tapping of 30W, 15W, 7.5W, 3.75W	Branded	Branded	12

	Watts or more.			
22	18-inch Powered PA Subwoofer, Power: 1,500W peak / 750W RMS. Frequency response: 40–120 Hz (-3 dB). Audio I/Os: 2 XLR Combo, 2 XLR loop-outs. Built-in 2-channel digital mixer	Branded	Branded	2
23	Speaker Cable, Microphone cable, Audio Patch Cords, USB 2.0 Cables, and other cables & Connectors to complete the site in all respect.	Branded	Branded	1
24	17U AV Equipment Rack with 6 Port PDU, Rackshelf, Cooling fan, Front Glass door lockable Floor Mounting	Branded	Branded	1
25	Installation, testing, Configuration & User Training	Branded	Branded	1
26	Partition Wall Made of 19mm Block Board & 1mm Laminates pasting with 2 Doors (as per diagram)(10ft height x 20ft Length) =Total 200 sqft with required accessories	Branded	Branded	200
27	Industrial Grade Wheels with lock system for Dias Table	Branded	Branded	12
28	Dias Table Top made of Corian solid surface Materials along with installation(3ft x 20ft)	Branded	Branded	60
29	Extension of Dias floor 4ft x 30ft with Blockboard	Branded	Branded	120
30	Flooring mat for Dias floor with Industrial grade flooring solution Size (30ft x 20ft)	Branded	Branded	600
31	Dismounting of Air conditioner with connected accessories	Branded	Branded	02

32	6KVA Online UPS with 3 Hours Battery Backup Make: APC Model: SRCKUXI	Branded	Branded	01
	42AH SMF UPS BATTERY	Branded	Branded	48
	42AH Battery Rackwith Interlink Cables	Branded	Branded	01

- 1) Quoted Price is inclusive of all taxes, transportation duty and other charges if any.
- 2) Product quantity varies as per requirement.
- 3) Picture of the items also attached with the details specification.



Financial Bid
ANNEXTURE – II

Sl.No	ITEM	Make	Model	Qty	Rate per unit (In Rs.)	Tax	Total Price (In Rs.)
Grand Total (Rs.)							
Grand Total (In words)							

PROFORMA – II

PARTICULAR IN RESPECT OF 3 MAJOR WORKS EXECUTED IN LAST 3 YEARS (TO BE FURNISHED IN TECHNICAL BID)

Sl. No	Name of work and project with address	Short description of work executed	Name and address of owner	Value of Ports (Switch Ports)	Stipulated time completion	Actual time of completion

NB: Copies of Work Order / P.O., Completion certificate, Performance certificate must be attached.

Place:
Date



Signature of Vendor

LIST OF THE ITEM QUOTED

ITEM: 1

Sl.No	Item	Name	Make	Model	specification
1.					
2.					

ITEM: 2

Sl.No	Item	Name	Make	Model	specification
1.					
2.					

ITEM: 3

Sl.No	Item	Name	Make	Model	specification
1.					
2.					

ITEM: 4

Sl.No	Item	Name	Make	Model	specification
1.					
2.					

ITEM: 5

Sl.No	Item	Name	Make	Model	specification
1.					
2.					



CHECK LIST

(Please tick yes or No: Y/N)

- Tender Cost bank draft No. & date (Y/N)
- EMD bank draft No & date (Y/N)
- Proforma – I duly fill in (Y/N)
- Proforma – II duly fill in (Y/N)
- Valid GSTIN Certificate (Y/N)
- Valid PAN Card (Y/N)
- IT return (Y/N)
- Audit report for last three years (Y/N)
- Experience certificate of minimum five years (Y/N)
- Proof of P.O. copies, Installation & Commissioning report performance certificate (Y/N)
- Authorization certificate from OEM / Manufacturer / Company (Y/N)
- Any other relevant documents as per Tender notice. (Y/N)
- List of items quoted

Place:

Date:

Name, Signature & Seal of Bidder.

By order of Vice-Chancellor.

2/02/2024
Registrar,
MSCB University

Memo 90 /MSCBU

Dated: 04-01-2024

Copy to PS to VC / PA to Registrar/COF/Coordinator, IDP /All departments/Central library/Notice Board with a copy of detail tender documents for information and necessary action.

2/02/2024
Registrar
MSCB University

Memo 91 /MSCBU

Dated: 04-01-2024

Copy to Prof In-charge of University website with request to upload the same in the university website for wide publication.

2/02/2024
Registrar
MSCB University