

Sant Gadge Baba  Amravati University

**E-Tender Notice**

No. SGBAU/2/Store/ 1440/2022-23

Date: 17 /01/2023

E-Tenders are invited from authorized dealers / Manufacturers for “Supply of CCTV, DLP, Office and Lab. Equipment, etc”

Details of E-Tenders are available on [www.mahatenders.gov.in](http://www.mahatenders.gov.in), and it is also available on our website [www.sgbau.ac.in](http://www.sgbau.ac.in) for information only. Right to reject any tender (part or full), without assigning any reason, is reserved by the University.

Registrar

**For Web Site**

Sant Gadge Baba  Amravati University

**E-Tender Notice**

No. SGBAU/2/Store/ 1440 /2022-23

Date: 17/01 /2023

E-Tenders are invited from authorized dealers / Manufacturers for Supply of various type of purchases as per the following details.

Tender Sr. No.	Name of Tender	Cost of Tender Form including GST @18%	Tender Deposit (EMD)	Last Date of Submission up to 01.00 PM	Date of Opening at 01.00 PM
1	2	3	4	5	6
16/2022-23	Supply of CCTV, DLP, Office and Lab. Equipment, etc.	2360/-	10000/-	03 /02/2023	04/02/2023

E-Tenders, Cost of Tender Form and EMD should be compulsorily submitted online on website [www.mahatenders.gov.in](http://www.mahatenders.gov.in)

E-Tender possibly will be open in presence of Tender Opening Committee at E-Tender cell, Engineering section, Sant Gadge Baba Amravati University. Right to reject any tender (part or full), without assigning any reason, is reserved by the University.

Registrar

## Envelope - 01

# Sant Gadge Baba Amravati University

E-Tender Form (Technical Bid)

TENDER NO. 16/2022-23

To,

The **Registrar**  
Sant Gadge Baba Amravati University,  
Amravati

Subject: Supply of "Supply of CCTV, DLP, Office and Lab. Equipment, etc."

Ref.: Tender Notice No. SGBAU/2/Store/ **1440**/2023, dated 17 /01/2023 (Due Date : 03/02/2023)

R/Sir

With reference to subject mentioned above, I / We M/s.....  
..... quote herewith the rates for supply of "Supply of  
Office & Laboratory Equipments".

I/We read and accept all terms and conditions of this Tender Form.

1	Full name of Vender Firm :		
2	Name and Designation of the person signing the bid :		
3	Address of the Firm :		
4	E-mail :		
5	Phone No. :		
6	Mobile No. :		
7	Shop Act Registration Certificate ( if Applicable)	Enclosed	Not Enclosed
8	Income Tax Clearance Certificate / Return Certificate (Latest / Current year))	Enclosed	Not Enclosed
9	GST Registration Certificate	Enclosed	Not Enclosed
10	Tender Form Fee & Tender Deposit Money (EMD) online receipt (As per norms)	Enclosed	Not Enclosed
11	Tender Form Fee Exemption Certificate. (if applicable)	Enclosed	Not Enclosed
12	EMD Exemption Certificate. (for availing the facility of exemption)	Enclosed	Not Enclosed
13	Copy of Permanent Account No. (PAN)	Enclosed	Not Enclosed
14	Declaration Regarding Blacklisting / Debarring of taking part in Tender (As per Annexure-A (should be notarized after date of e-tendering.)	Enclosed	Not Enclosed
15	Fall Clause Certificate (As per Annexure-B)	Enclosed	Not Enclosed
16	General Terms and Conditions (As per Annexure-C)	Enclosed	Not Enclosed
17	Bidder should be Manufacturer/Authorized dealer. Letter of authorization from Original Equipment Manufacturer should be enclosed. Rates will be considered for which valid authorization certificate submitted for this tender.	Enclosed	Not Enclosed

I / We have read carefully and have understood the same in vernacular known to me / us about all the Terms and Conditions and Standard Terms and Conditions and I / we hereby agree to the same and shall abide by them hence this verification.

Name of Firm : .....

GST Registration No. : .....

Permanent Account No.(PAN) : .....

Signature of Vender : .....

Name of the Authorized signatory :.....

Seal of the Firm :.....

**DECLARATION REGARDING NOT BEING BLACKLISTED/DEBARRED FOR TAKING PART IN TENDER**

(To be executed and attested by public Notary / Executive Magistrate on Rs. 100/- judicial Stamp paper by the bidder)

I / We ..... Supplier / Manufacturer / Partner(s) / Authorized Distributor of M/s. .... Hereby declare that the firm / company namely M/s. .... has not been blacklisted or debarred in the past by Union / State Government or by any other organization from taking part in tenders in India.

**OR**

I / We ..... Supplier / Manufacturer / Partner(s) / Authorized Distributor of M/s. .... Hereby declare that the firm / company namely M/s. .... was blacklisted/ debarred in the past by Union / State Government or by any other organization from taking part in tenders for a period of ..... years w.e.f..... to ..... The period is over on ..... and now the firm / company is entitled to take part in tenders

In case the above information found false I / We am/are fully aware that the tender / contract will be rejected / cancelled by the University and EMD / SD shall be forfeited. In additions to the above the University will not be responsible for payment of any completed / partially completed work.

**DEPONENT**

Name: .....

Address: .....

.....

.....

Attested:

(Public Notary / Executive Magistrate)

### Fall Clause Notice Certificate

This is to certify that I/we have offered the maximum possible discount to you in the Tender No..... Dated ..... The Price Charged for the stores supplied under Rate Contract should, under no event be higher than lowest prices at which the party sells the terms of identical description to any other Govt. organization / PSU/ Autonomous bodies / Pvt. Organization during the period of contract failing which the “FALL CLAUSE” will be applicable.

In case, if the price charged by our firm is more, Sant Gadge Baba Amravati University will have the right to recover the excess charged amount from the subsequent / unpaid bill of the supplier.

Seal and signature of Tenders

Note : This letter of authority should be on the letter head of the supplier firm and should be signed by the person competent and having the power of attorney to bind the same.

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
University Campus, Near Tapowan, Mardi Road, Amravati 444602  
**Phone No.** (0721) 2668195, 2668206, 2668158 **Ext. No.** 237, 240  
**Fax No. :** (0721) 2668049, 2668135

**Email** – arstore@sgbau.ac.in **GRAM** –AMUNI **Website:** www. sgbau.ac.in

### Annexure-C

No. SGBAU/2/Store/1440 /2022-23

Date: 17 / 01/2023

### GENERAL TERMS and CONDITIONS TENDER NO. 16 /2022-23

- 1) E-Tenders are invited from Manufacturer / Authorized dealers for Supply of CCTV, DLP, Office and Lab. Equipment, etc.
- 2) E-Tender should be compulsorily submitted online only.
- 3) Last date of online submission of E-Tender is **03/02/2023** up to 01.00 PM. The tender will be opened on 04/02/2023 at **01.00** PM in presence of Tender opening committee preferably at E-Tender Cell, Engineering Section, Sant Gadge Baba Amravati University, Amravati.
- 4) The tenderer must submit the following documents online only. If the following documents are not found at the time of opening, the tender will not be considered. (The hard copy of the same be submitted to Store Section, of the Sant Gadge Baba Amravati University before the date of opening)
  - a) Shop Act Registration Certificate ( if Applicable)
  - b) Income Tax Clearance Certificate / Return Certificate ( latest / Current Year)
  - c) GST Registration Certificate.
  - d) Tender Form Fee and Tender Deposit Money (EMD)
  - e) Tender Form Fee Exemption Certificate, (for availing the facility of exemption) (if applicable)
  - f) EMD Exemption Certificate, (for availing the facility of exemption) (if applicable)
  - g) Copy of Permanent Account No. (PAN)
  - h) Declaration Regarding Blacklisting / Debarring of taking part in Tender (As per Annexure-A (should be notarized after date of e-tendering.)
  - i) Fall Clause Certificate (As per Annexure-B)
  - j) General Terms and Conditions. (As per Annexure-C)
  - k) Bidder should be Manufacturer/Authorized dealer. Letter of authorization from Original Equipment Manufacturer should be enclosed. Rates will be considered for which valid authorization certificate submitted with this tender.
- 5) The Tender Form Fee of Rs. 2360/- (including 18% GST) and EMD of Rs.10,000/- should be submitted online only
- 6) Successful bidder shall have to deposit @ 5% on total value of purchase orders as Security Deposit. While calculating the security deposit, the EMD amount shall be converted in Security Deposit and it will be released within three months after the expiry of warrantee period.
- 7) The Successful bidder availing the facility of exemption shall have to deposit @ 5% as Security Deposit on total value of purchase orders within specific /stipulated period prescribed by University after acceptance of their rates in the form of Demand Draft / Pay Order /FDR/ Banker Cheque in favour of Finance and Accounts Officer, Sant Gadge Baba Amravati University, Amravati
- 8) Failure of the successful bidder to deposit Security Deposit within prescribed time limit shall constitute sufficient grounds for the annulment of the award. In this event the University may make the award to consecutive next lowest evaluated bidder or call for new bids.
- 9) Incomplete e-tenders not in conformity with our prescribed specifications, terms and conditions will be rejected. University has right to accept / reject any or all tenders partially or complete without assigning any reason.
- 10) The suppliers should quote rates for each article quite independent of the rates of other articles, as it will be the right of the University to accept the offer partially or fully.
- 11) Rates to be mentioned F.O.R. Stores/ Dept. and inclusive of all taxes, installation / transportation etc. The purchase order for supply of material will be issued time to time as per requirement after the acceptance of the rates. **(Rates should be valid up to 30.06.2023)**
- 12) The supplier shall supply the ordered goods within the delivery period mentioned in the purchase order.

Failing to which the penalty @.0.5% per week shall be charged of order value and shall be deducted from the bill of supplier. In case of emergency, University shall reduce the delivery period and the supplier shall have to deliver the goods within the reduced delivery period.
- 13) In case of substandard material, the supplier shall have to replace the same goods within 7 days, otherwise penalty @ 0.5% per week shall be imposed of ordered value and @ **5% penalty at the cost of material or as decided by the university due to substandard supply.** In case of defects noticed during use of material supplied by the supplier within warrantee period from the date of supply, the supplier will require to repair / replace the materials etc., failing to which the material will be repaired / purchased from another agency and the difference in cost, if any will be adjusted from the earnest money/ security deposit or any other pending bills of the supplier.
- 14) University has right to reject any part or full articles, if the quality of material is disapproved and will be kept in stores / Dept./Section at supplier's risk only. It should be replaced at suppliers own cost within seven days.
- 15) If the tenderer withdraw from tender process at any stage or failure to comply with the supply order the EMD will be forfeited. As well as if suppliers fail to replace the rejected goods in time. The University are at liberty to purchase the ordered goods from the open market without giving any prior notice and if compelled to purchase at the higher price than your approved rates, such losses shall be recovered from the S.D. or any outstanding payment of the bidder.

- 16) The security Deposit of successful bidder will be refunded only after completion of final supply as per terms and conditions.
- 17) **Product Catalogue:**-Original Catalogues / brochures showing details of Technical Specifications of Equipment should be enclosed. All specification should be substantiated by Technical data sheets in original. Photocopies of the Catalogue / Brochure will be rejected.
- 18) **Demonstration and Training:** - The successful tenderer(s) shall have to give demonstration and sufficient training at his cost to the staffs of the concern department to operate the Equipment/ Instrument after delivery and/ OR as and when required/ if asked by user department.
- 19) **Term of payment:** Payment to be made to the supplier after satisfactory supply and will be subject to the deduction of taxes applicable at source at the rate in force from time to time.
- 20) All legal matters subject to jurisdiction of Amravati.
- 21) Any person working in University in any capacity should not take part in tender.
- 22) Any dispute arising out of or relating to this enquiry/e-tender, the decision of Hon'ble Vice-Chancellor shall be final.
- 23) **STANDARD TERMS AND CONDITIONS:**

**A) Changes /Amendments:**

The University shall have the right at any time, by written notice, in the form of an amendment order, to make any changes it deems necessary, including, but not limited to changes in specifications design, delivery, testing methods, packing or destination. If any such required changes cause an increase or decrease in the cost of or the time required for performance, an equitable adjustment shall be made in the contract price or delivery schedule, or both. Any claim by the vendor for adjustment under this clause shall be deemed waived unless asserted in writing within ten (10) days from receipt by the vendor of notice of change ( amendment order). Price increase, extension of time for delivery and change in quantity shall not be binding on the University unless sufficiently justified by a vendor and accepted by the University in a form of amendment/change order issued and signed by the University.

**B) Delivery/ Force Majeure:**

If any Material is not delivered by the date specified therein, the University reserves the right, without liability, to cancel the order for undelivered material not yet shipped or tendered, and to purchase the same from another vendor and to charge the defaulting vendor for any loss incurred in this transaction. Any provisions thereof for delivery by instalment shall not be construed as obligatory unless agreed upon by both the parties. The University shall have the right to refuse deliveries made more than one week in advance of any delivery schedule appearing in the order unless arrangements for such early delivery have been confirmed with the receiving party. If the vendor is unable to complete performance at the time specified for delivery by reason of strikes, labour disputes, riot, war, fire or other causes beyond the vendor reasonable control, the University, at its option, may elect to take delivery of Material in its unfinished state and to pay such proportion of the contract price as it deemed reasonable.

**C) Price / Taxes:**

Price stated in this agreement are firm and shall remain firm until required deliveries have been completed unless otherwise expressly agreed to in writing by both parties. The vendor agrees that any price reduction made with respect to Material covered by this order subsequent to placement will be applied to this order. All prices specified herein include all charges for, but not limited to, inspection, and packaging. Prices set forth shall be inclusive of applicable sales, excise, value-added or similar taxes until and unless specified in the schedule.

**D) Inspection And Acceptance:**

All Material covered by this order may be inspected and tested by the University or its designee at vendors cost. If deemed necessary by the University, the vendor shall provide without charge, all reasonable facilities and assistance for such inspection and test. Any inspection records relating to Material covered by this agreement shall be made available to the University during the performance of the order. If any Material covered by this agreement is defective or otherwise not conforming to the requirements of this agreement, the University may, by written notice to the vendor:

- (a) rescind the purchase / supply order as to such non-conforming Material;
- (b) accept such Material at an equitable reduction in price;
- (c) reject such non-conforming Material and require the delivery of suitable replacements.
- (d) If the vendor fails to deliver suitable replacements promptly, the University, with notice of seven business days, may replace or correct such Material and charge the vendor the additional cost occasioned thereby, or terminate this order for default. No inspection (including source inspection) test, approval (including design approval) or acceptance of Material shall relieve the vendor from responsibility for defects or other failures to meet the requirements of this order. Rights granted to the University in this article entitled INSPECTION are in addition to any other rights or remedies provided elsewhere in this order or in Law.

**E) Warranty:**

The vendor warrants that any Material supplied hereunder shall conform to generally recognized manufacturing and safety standards of the vendor's industry as per Indian standard Institution (ISI) or similar standard. The vendor's specifications on performance as detailed in the vendor's brochures, sales literature and other specifications as may be available to the University.

(a) In addition to any other express or implied warranties, the vendor warrants that the Material furnished pursuant to this order will be:

1. free from defects in title, workmanship and material :
2. free from defects in design except to the extent that such items comply with detailed designs provided by the University;
3. of merchantable quality and suitable for the purposes, if any, which are stated in the tender / quotation.

(b) If any material covered by this agreement is found not to be as warranted, the University may, by written notice to the vendor:

1. Reject such defective material and require the delivery of suitable replacements.
2. If the vendor fails to deliver suitable replacements promptly, the University, with notice of seven business days, may replace or correct such material and charge the vendor the additional cost occasioned.

(c) Any items corrected or furnished in replacement are subject to all the provisions of this article entitled WARRANTIES to the same extent as items as items initially furnished or originally ordered.

**F)** This warranty provision shall survive any inspection, delivery, acceptance, payment, expiration or earlier termination of this order and such warranties shall be extended to the employees, students, and users of the material. Nothing herein, however, shall limit the University's rights in law or equity for damages resulting from delivery of defective goods or damage caused during the delivery of goods or provision of services.

**G)** Rights granted to the University in this article entitled WARRANTIES are in addition to any other rights or remedies provided elsewhere in this order or in Law.

**H) Patent Indemnity:**

The vendor agrees to indemnify, hold harmless and defend the University, its employees, and students with respect to all claims, suits, actions and proceedings of actual or alleged infringements of any Letter, patent, Registered or Industrial Design, Trademark or Trade Name, Trade secret, copyright or other protected right in any country resulting from any sale, use or manufacture of any Material delivered hereunder and to pay and discharge all judgments, decrees, and awards rendered therein or by reason thereof and bear all expenses and legal fees (including the University's) associated herewith. The University reserves the right to be represented in any such action by its own counsel at its own expense.

**I) Indemnity:**

The vendor will indemnify, defend and hold the University, its and students harmless from any loss, expense, claim or damage including reasonable defence costs, arising from any claim or action based on any acts or omissions of the vendor, its employees, servants, agents or subcontractors. The University reserves the right to be represented in any such action by its own counsel at its own expense.

**J) Assignment / Subcontracting / Sublet:**

The vendor shall not assign the order received, any rights under this agreement or to become due hereunder neither delegated nor subcontracted / sublet any obligations or work hereunder without the prior written consent of the University.

**K) Cancellations:**

(a) The University may cancel this agreement in whole or in part, for no cause, upon written, FAX or telex notice to the vendor, effective when sent, provided such notice is sent at least fourteen (14) days prior to the delivery date specified on the face of this order. The University may cancel this order in whole or in part at any time for cause by written, FAX, or e-mail notice to vendor, effective when sent, in the event that the vendor :

- (a) fails to comply with any term or condition for this order including, but not limited to, delivery terms; or
- (b) appoints a receiver, liquidator or trustee in bankruptcy or other similar officer over any or all of its property or assets; or
- (c) files a voluntary petition in bankruptcy; or
- (d) has had filed against it an involuntary petition in bankruptcy which remains in effect for thirty (30) days; or
- (e) voluntarily ceases trading; or
- (f) merges with or is acquired by a third party; or

(g) assigns any of its rights or obligations under the order to a third party without the University's advance written consent. upon the occasion of any one of the aforesaid and in addition to any remedies which the University may have in Law or in Equity, the University may also cancel this order or any outstanding deliveries hereunder by notifying the vendor in writing of such cancelation and the vendor shall thereupon transfer title and deliver to the University such work in progress or completed material as may be requested by the university. The University shall have no liability to the vendor beyond payment of any balance owing for Material purchased hereunder and delivered to and accepted by the University prior to vendor's receipt of the notice of termination, and for work in progress requested for delivery to University.

**L) Rescheduling:**

The University may without liability at least fourteen (14) days prior to the scheduled delivery date appearing on the order defer delivery on any or every item under said order by giving oral notice to the vendor (confirmed in writing ten (10) working days ) of any necessary rescheduling.

**M) Shipping, Packaging and labelling:**

All Material purchased hereunder must be packed and packaged to ensure its safe delivery in accordance with good commercial practice and where incorporated, the University’s packaging specification.

**N) The Vendor as an Independent Contractor:**

The vendor shall perform the obligations of this order as an independent contractor and under no circumstances shall it be considered as agent or employee of the University. The terms and conditions of this order shall not, in any way, be construed as to create a partnership or any other kind of joint undertaking or venture between the parties hereto. The vendor expressly waives any and all rights which or may not exist to claim any relief under the University’s comprehensive insurance policy, worker’s compensation or unemployment benefits.

**O) Invoicing / Payments / Set-offs:**

After each completion of supply/purchase order, the vendor shall duplicate invoices including item number to the University’s concern Department. Payment of invoice shall not constitute acceptance of Material ordered and shall be subject to appropriate adjustment, if the vendor failed to meet the requirements of this agreement. The University shall have right at any time to set-off any amounts due to the vendor, (or any of its associated or affiliated companies) against any amounts owed by the University with respect to this agreement.

**P) Compliance with Laws:**

By acceptance of this agreement, the vendor agrees to comply with the requirements of all the existing laws. The vendor also agrees to comply with the fair labour standards Act and the occupational safety and Health Act, and all other applicable laws, ordinances, regulations and codes in the vendor’s performance hereunder. The vendor further agrees to indemnify and hold the University and its customers harmless from any loss or damage that may be sustained by the University, by reason of the vendor’s failure to comply with any laws, ordinance, regulations and codes.

**Q) Reproduction of Documentation:**

The University shall have the right at no additional charge to use or incorporate all or portions of material found in the vendor’s literature and / or reproduce the vendor’s applicable literature such as operating and maintenance manuals, technical publications, prints, drawings, training manuals and other similar supporting documentation and sales literature. The vendor agrees to advise the University of any up dated Information relative to the foregoing literature and documentation with timely written notice.

Registrar  
Sant Gadge Baba Amravati University

I / We have read carefully and have understood the same in vernacular known to me / us about all the General Terms and Conditions and Standard Terms and Conditions and I / we hereby agree to the same and shall abide by them, hence this verification.

Name of Firm : .....

GST Registration No. : .....

Permanent Accounts No. (PAN NO.) .....

Signature of Vender : .....

Name of the Authorized signatory: .....

E-mail .....

Seal of the Firm



## Envelope - 02

# Sant Gadge Baba Amravati University

E-Tender Form (Financial Bid)

TENDER NO. 16/2022-23

To,  
Registrar  
Sant Gadge Baba Amravati University,  
Amravati

**Subject :** Supply of CCTV, DLP, Office and Lab. Equipment, etc.**Ref.:** Tender Notice No. SGBAU/2/Store/1440 /2022-23, dated 17 /01/2023 (Due Date– 03/02/2023)**R/Sir**

With reference to above I / We M/s.....

quote herewith the rates for Equipment's etc. I /We have read and accepted all terms and conditions which are enclosed with this Tender Form.

Sr. No.	Description of Item	Approx. Quantity required Unit/No.	Rate in Rs. Per Unit/No. inclusive of all taxes / charges	Total Amount inclusive of all taxes / charges
1	2	3	4	5
01	<b>APPLIED ELECTRONICS:</b>			
1.01	<b>Embedded System Trainer Board:</b> M51-02 is a single board Microcontroller Trainer Kit based on 8 bit 8051 Microcontroller, which is widely used to train engineers to develop on software/hardware for any industrial process & control. Kit has power-full Monitor EPROM, RAM, I/O Lines, Timer/Counter, Serial, LCD Display and Keyboard for Man to Machine Interface. <i>16K Bytes of EPROM with 32K bytes of Battery Backup RAM 48 I/O Lines, Three Channel Timer/Counter, PC Serial Interface using USART, 12 bit ADC, DAC, RTC.520x2 LCD Display with 101 ASCII Keyboard. Power-full Command like Single Stepping, Break Point, Full Clock Execution, Examine Memory/Resistor. Uploading &amp; downloading to and from PC in Windows98 / XP/NT. In-Built Power Supply.8051/ 89C52/ 89C51RD2/ 89C61X2 CPU operating @11.0592MHz.32K user RAM using 6264 with Battery Backup using NICD Battery. 8051/89C52/89C51RD2/89C61X2 CPU operating @11.0592MHz. 32K user RAM using 6264 with Battery Backup using NICD Battery. One socket is provided for RAM expansion up to 64K. 6K bytes of powerful monitor EPROM using 27512. 48 I/O lines using 2 Nos. of 8255 brought at 26 Pins FRC Connector to interface with IC-XX Series. Three Channel Timer/Counter using8253. 20x2/40x2/20x4 Alphanumeric LCD Display with Backlit 101 ASCII Keyboard interface using89c2051 operating @ 12MHz On-board Single Line Assembler &amp; Disassembler. Two External interrupts INT0 &amp; INT1 are available at 40 pin FRC connector. RS-232C using RX/TX of 8051. Two modes of operation: Keyboard Mode, Serial Mode. Powerful Commands like Examine/ Edit Memory, Examine/Edit Register, Single stepping, Execution, Break Point can be used through ASCII keyboard or PC serial mode. Facility for Downloading/Uploading files from/to PC. All Address, Data, Control &amp; Port lines are available on 40 Pins &amp; 20 Pins FRC Connector. All IC's are mounted on IC Sockets. Bare board Tested Glass Epoxy SMOBC PCB is used. In-Built Power Supply of +5V/1.5A,±12V/250mA User's Manual with sample programs. 270mm x 185mm x 105mm (L x W x H). Weight 3 Kgs.</i>	06		
1.02	Oscilloscope: Bandwidth 70 MHZ Analog Channels 2 Analog Channels & 1 External Trigger input (independent v/div knobs for each channel is mandatory) Sampling Rate At least 1 GS/s on each channel when simultaneously operating both the channels Record Length Min. 20 K points (for any time-base) for each channel Vertical Resolution 8 bits Horizontal Divisions 15 Input Sensitivity range 1 mV/div to 10 V/div max. in 1-2-5 sequence with probe attenuation set to 1X Max Input Voltage 300 VRMS Installation Category II Input Coupling DC,AC,GND Input Impedance 1 MΩ ±2 % in parallel with cap. between 10-20 pF Vertical Zoom Vertically expand or compress a live or stopped waveform Acquisition Mode Sample, Peak detect, Average, Hi-resolution & roll mode Time Base range 2 ns/div to 100 sec/div Horizontal zoom Horizontally expand or compress a live or stopped waveform De-skew range At least100n sec Trigger Modes Auto, Normal single sequence Trigger Type Edge , Pulse width, Runt Trigger	05		

	<p>Source CH1, CH2, AUX In , Ac line Trigger Coupling DC, Noise Reject, High Frequency Reject, Low Frequency Reject Waveform measurement Cursor , Automated &amp; gating Measurement. Vp-p, Vrms, frequency, period, duty cycle, rise time, fall time, cursor measurements should be available. Up to 6 measurements can be displayed on the screen simultaneously Advanced Measurement Arithmetic (Add, Subtract, and Multiply waveforms) Dual window FFT with simultaneous time and frequency domain in same screen, Spectral magnitude. Set FFT Vertical Scale to Linear RMS or dBV RMS, and FFT Window to Rectangular, Hamming, Henning, or Blackman-Harris, cursor Measurement should be available for FFT measurements Function Disable Feature Capability to disable Auto-set, Cursors, and Automated measurements to help educators to teach basic concepts. Display At least 7-inch TFT Color Display with 800 horizontal by 480 vertical displayed pixels (WVGA) Input Output Ports USB 2.0 Host Port, USB 2.0 device port (min. 16 GB support), Kensington Style Lock. Should be able to recall from external memory to DSO. Standard Accessories 1) Passive Probes (2 nos.) with 1x and 10x attenuation options. 2) Indian standard Power cord (1 no.) EMC Regulatory EC Council Directive 2014/30/EU ; UL61010-1, UL61010-2-030, CAN/CSA-C22.2 No. 61010.1, CAN/CSA-C22.2 No. 61010-2:030; EN61010-1, EN61010-2-030 Warranty Min 5 year Comprehensive Warranty including display and NABL Accredited calibration certificate should be available along with unit</p>			
1.03	<p>Function Generator: Frequency Range 1uHz to 25 MHz No of Channels 2 totally independent isolated channel with 'Ch.1 = Ch. 2' setting. Should have individual ON/OFF control for both channel. Frequency Counter One dedicated Input for Built-in Frequency Counter of 100 mHz to 200 MHz with frequency resolution 6 digit Vertical Resolution 14 Bit Frequency Resolution 1 <math>\mu</math>Hz or 12 digits Non-Volatile Memory At least 64 MByte (Internal memory for arbitrary functions) Memory Length 8K points for each channel Sampling Rate 125 MS/s for each channel simultaneously Rise &amp; Fall time &lt; 10 ns Jitter (rms)&lt; 6 ns Amplitude 1 mVp-p to 10 Vp-p (50 <math>\Omega</math> load) 2 mVp-p to 20 Vp-p (Open circuit or high Z load) Amplitude resolution 1mVp-p , 1mVrms or 4 Digit Signal Output Protection Short-circuit Tolerance, main o/p automatically Disabled when over current Waveform Types Sine, Square, Pulse, Ramp, Noise and minimum 45 frequently used arbitrary waveforms, Modulations - AM,FM,PM,FSK Operating Types Continuous on both channels, Modulated, sweep &amp; Burst mode Frequency Range for different Waveforms Sine Waveform 1uHz to 25MHz : In Burst Mode - 1uHz to 12.5MHz Amplitude Flatness :&lt;10MHz: +0.2 dB ; 10Mhz to 25MHz : + 0.3dB Square waveform 1uHz to 12.5MHz, &lt;12ns Rise/Fall Time , Jitter(rms) :&lt;1ns Pulse Wave 1mHz to 12.5MHz with pulse width : 40.00ns to 999.000 s Edge transition time :&lt;12ns Fixed , Pulse width Resolution : 10ps or 5Digit Ramp Wave 1uHz to 1 MHz with 0.0% to 100% Symmetry Sweep Signal Carrier Waveform, Sine, Square, Ramp, Sweep Type: Linear, Logarithmic Burst waveform Sine, Square, Ramp, Pulse, Arbitrary-except DC and Noise. Burst Type: Count (1 to 500,000 cycle); Infinite, Gated Internal Mod. Freq 2mHz to 20KHz Arb Waveform 1mHz to 10MHz Floating Waveform Must have provision to generate the Floating Waveforms Differential Waveform Must have provision to generate the differential Waveforms Load Impedance setting Variable-50 Ohm, 1 Ohm to 10KOohm, open circuit Display TFT LCD at least 3.9inch, 480 x 320 Resolution, Simultaneous view of waveform and its parameter with Numerical key pad and multipurpose knob for direct value entry. Connectivity USB Host and Device port (min. 16GB support) Software Arbitrary waveform generation software to generate different shapes EMC Regulatory EN 61326-1; CISPR 11, Class A Safety Regulatory UL61010-1; CAN/CSA C22.2 No. 61010-1; EN61010-1; IEC61010-1. Warranty Min 5 Years. Comprehensive Warranty including display and NABL Accredited calibration certificate should be available along with unit</p>	04		
1.04	<p><b>Power Supply:</b> No Of Channels 3 isolated channel 2 Output Voltage &amp; Current CH-1: 0-30V/3A;CH-2: 0-30V/3A;CH-3: 0-5V/3A -30 to 30 V/3A; 60V/3A; 30V/6A Input Voltage 230VAC <math>\pm</math>10%. Maximum Power 195W 5Load &amp; Line Regulation Voltage <math>\leq</math>0.02% + 4mV Current <math>\leq</math>0.2% + 3mA Ripple &amp; Noise (20Hz -20 MHz) Voltage <math>\leq</math>1mVrms/<math>\leq</math>5mVp-p Current <math>\leq</math>6mArms Setting/read back Resolution&amp; Accuracy Voltage 10mV, <math>\leq</math>0.06% + 20mV Current 1mA, <math>\leq</math>0.2% + 10mA Operation Modes Tracking</p>	05		

	<p>Mode To maintain the ratio on the two-30V output channels that is present when the control is activated. Combination V1+V2 series mode Should supply up to 60V when CH1 and CH2 are wired in series. Meter to read back combined voltage. Combination I1 + I2 Parallel Mode Should supply up to 6A when CH1 and CH2 are wired in parallel. Meter to read back combined current. Memory Should have Store frequently used configurations in any of 30 setup memory locations Output Timer Range Should Turn off any output after a predetermined test time with each channel's output timer. OUTPUT TIMER RANGE: 0.1s to 999.9s.11 CONNECTIONS Front: Power output jacks: 3 sets, safety- shrouded banana jacks. Rear: DB9 connector for remote control, OVER TEMPERATURE PROTECTION If the internal temperature of the supply exceeds 85°C, the supply should automatically turn off Display Vacuum fluorescent display with display voltage and current measurements continuously from all three outputs Connectivity &amp; Software USB connections to control and Programmed the power supply using pc based software and have complete control over all the channels to operate simultaneously EMC COMPLIANCE Conforms to European Union EMC Directive SAFETY COMPLIANCE Conforms to European Union Low Voltage Directive Warranty &amp; Calibration certificate 3 years and NABL Accredited calibration certificate should be available along with unit.</p>			
1.05	<p>Flip Board Display: Panel Operating System Windows 10 RAM 8GB Storage 64GB Diagonal Size 75" Type New Edge 60Hz Resolution 3840*2160 (Landscape) Brightness (Ty) 350 (without glass) nit Contrast Ratio 4000:1 (without glass) Viewing Angle (H/V)178.178 Response Time (G-to-G)6ms (Typ) Display Colour 16.7M Operational Hour N/A Sound Speaker Type Built in Speaker (10W x 2CH) Connectivity Input Video HDMI 2(Rear 1, Front 1), DP 1, OPS I/F USB 2(For SoC, Rear/Front), 2 (for external 2.0 x1/3.0x1(Front)) Output Video HDMI 1 (Screen Share in Front) Audio 1(Stereo Mini Jack) Touch Out Touch Out 2 (USB Upstream Type, Front 1, Rear 1) External Control Touch Input / RS232C thru stereo jack, RJ45(For MDC) BT/WiFi Yes (Keyboard/Mouse) Touch Type IR # of Drawing 4 drawing (Internal) 20 drawing (External) Touch Pen Type Passive Pen with magnet Object Recognition Range 2mm/ 4mm / 8mm / 50mm(Brush Mode : Dynamic Object Recognition) Haze 8%~12% Thickness 3.2T Hardness Heat Semi-Strengthened Glass Additional Film AG, Hydrophobic Coated PET Power Type Internal (Main 1ea, OPS 1ea) Power Supply AC 100~240V 50/60Hz Power Consumption Max[W/h] 275 Stand-by (W) 0.5 Typical[W/h] 115 Rating[W/h] 250 BTU(Max) 937.75</p>	01		
1.06	<p>Projection Screen: Usage/Application Any Screen Size 12' x 9' Colour Ultra White, Warm white Aspect Ratio 4:3 Mount Type Motorized with Limit Switch Viewing Angle 100" Gain 1:1 Remote RF Switch Inline Crystal All Surface Plane</p>	01		
1.07	<p>Projection Screen: Usage/Application Any Screen Size 8 'x 5' Colour Ultra White, Warm white Aspect Ratio 4:3 Mount Type Motorized with Limit Switch Viewing Angle 100" Gain 1:1 Remote RF Switch Inline Crystal All Surface Plane</p>	03		
02	<b>BIO-TECHNOLOGY:</b>			
2.01	<p>Steam sterilizer : Chamber Volume:45Lit Chamber size:φ320X 620mm Sterilization temperature: 121<sup>0</sup>/134<sup>0</sup> C Sterilization Programs: 7 Types, Capacity of Distilled Water tank:     Approx. 2.5L(Max water level)     Approx. 0.5L ( Min water level) Display :LCD Display Noise:&lt;70dB Functioning Temperature:5-40<sup>0</sup>C Relative humidity: Max 80%, Non condensing Atmospheric pressure:76kPa-106kPa Voltage: AC 220V-240V,50-60Hz Power:2800VA Outer Dimension:640 X 540 X 840mm Net weight: 120Kg</p>	02		

2.02	<p>Muffle Furnace 1100° C : Muffle Furnace 1100° C  Inner dimensions:5*5*10  Inch (W*H*L)  Max. Temperature-1100° C  Working temperature-1000° C  Heating element-KANTHAL A1 Heating element  Fitted at left, Right and Top sides  Thermocouple- K Type  Temperature controller-PID temperature controller  LED display of SV &amp; PV  Thermocouple broken indication  Heating zone- Ceramic fiber board  Insulation- ceramic fiber insulation External cabinet –  Heavy angled frame made paint Door insulation –solid door  with pull action clamp door handle fittings  Mains ON/OFF switch  Power supply- single phase 220Volts 50Hz  Accessories  1 no. steel tong for crucible  1 pair of furnace gloves</p>	01		
2.03	<p>CO<sub>2</sub> Incubator with regulator and cylinder : CO<sub>2</sub>. incubator  107 litres,230/115V,50/60Hz with humidity and CO<sub>2</sub> 0-  20%, working temperature range; At least 5 above ambient  up to +50 C(standard sterilization Programme: 60 minutes at  180°C)  Setting temperature range +18°C up to +50°C fully insulated  stainless steel door and heated inner glass door, battery  buffered control COCKPIT, the operating display, logging  and CO<sub>2</sub> control remains fully functional even when there is  a power failure.  All parameters should be logged in accordance with the  FDA and when individually adjusted ranges for CO<sub>2</sub>, O<sub>2</sub>,  temperature and humidity exceeded, modifications can be  sent to a mobile phone in addition to an alarm. With its  rounded corners, the interior should be easy to clean and can  be sterilized for 60 minutes at 180°C(including all sensors)</p>	01		
2.04	<p>Analytical Balance : Weighing rang:0.01-230grams  Capacity(grams):230  Readability :0.0001g  Repeatability(+/-): 0.2mg  Linearity(+/-): 0.4mg  Pan size(mm) :100</p>	01		
2.05	<p>Upright Deep Freezer: Capacity (litres): 340 Temperature  Range °C : 16<sup>0</sup>to -24<sup>0</sup>C, Door: 1,Baskets/shelves: 7, External  Dimensions(mm) Width: 610, Depth: 635, Height: 1854,  with suitable Voltage Stabilizer.</p>	02		
2.06	<p>Upright Deep Freezer (Ultra Low Deep Freezer):  Temperature Range: -50 to -86<sup>0</sup>C, Capacity (liters): 490,  Inner door: 4, Shelves: 3, Controller type: Microprocessor  Touch screen display, Minimal Temperature(<sup>0</sup>C): -86  Screen Password: Yes, Alarm Available For: Power Failure,  sensor failure, Low battery, Backup Battery,, High/Low  Voltage, Door open, High condenser, Temperature, And  Remote alarm, External,, Dimensions(mm) (WXDXH): 900  X 929 X 1990, Internal Dimensions (mm)(WXHXD):, 589  X637 X 1310, Suitable Voltage stabilizer:VS-07</p>	01		
2.07	<p>Vertical autoclave pressure cooker type : The safety valve is  adjusted to blow off the steam at 17lbs.,p.s.i,  Maintaining the constant pressure of 15lbs.  The autoclave made for the use on electrically and gas.  Made of heavy duty  Aluminium  Double Valve  Fitted with 2.5” Special Gauge.  Steam Release Valve  Water outlet Assembly’ Working pressure 15lb  Electric Load 2KW  Optional: Electrical/Non electrical  300mmX 300mm(12”X12”), P type (cooker type)</p>	04		

03	<b>BUSINESS ADMINISTRATION AND MANAGEMENT:</b>			
3.01	Projector: Short throw projector: Brightness: 3600 Lumens, Resolution: SVGA (800x600), Lamp life upto 15000 hours, Contrast Ratio: 25000:1, Powerful audio with built in 10 Watt. Speaker, Input HDMI: v1.4ax1, VGA-in x 1, Audio-in x 1, Audio-out x 1, USB type –A, RS-232, VGA-out, Composite x 1.	01		
3.02	UNIVERSAL PROJECTOR MOUNT :- Universal ceiling mounting ball catch. Mechanism, 3ft height Telescopic ceiling mount kit with powder coating 40 degree Tilting adjustment, Height Adjustment. a) 4m x 28.5 Knob fix on Projector b) 8 mm square Nut c) Projector fitting patti 4 pcs. d) M4 x 24 knob 4 set fix on projector e) DCK – 03 - C (1.5 X 1.5) = 3 ft ) weight capacity – mm 8 kg set catch mechanism for easy installation heavy duty universal sect. (Compatible for all brand) With a) 15 mtr RBG/VGA cable b) 15 mtr power cable c) 10 mtr HDML cable Including fitting charges .ect	01		
04	<b>CHEMICAL TECHNOLOGY:</b>			
4.01	LCD Projector: With ceiling installation bracket, cable, socket and all accessories pins. With all installation charges. And screen fitting on wall	02		
4.02	Variable speed Peristaltic Pump : Flow Range: 0.0015-1140ml/min, adjustable <ul style="list-style-type: none"> <li>• Speed Range: 0.1-300RPM</li> <li>• Resolution: 0.1 RPM</li> <li>• Flow Rate Variable from : 0.0015-1140ml/min</li> <li>• Flow error &lt;0.5%</li> <li>• Display: 4 LED display current speed or flow rate</li> <li>• Speed Control: Digital knob control</li> <li>• Power&lt; 35W</li> <li>• External control interface: start/stop, direction, speed control (optional)</li> <li>• RS485serial communication</li> <li>• Operating conditions: 0-40°C temperature, Relative humidity&lt;80%</li> <li>• Drive dimensions: 234×144×140mm</li> <li>• Drive weight: 4.3kg IP: IP 31</li> </ul>	01		
4.03	Viscometer with Digital PID Temperature Indicator & Controller: Redwood Viscometer No. 1. Suitable for flow range from 20 sec to 2000 sec. Complete outfit comprising hemmer tone finish, copper/Stainless steel bath with drain plug, electrical heating arrangement, Suitable to operate at 220 Volts 50 Hz AC mains or gas heating arrangement with silver plated oil cup with precision stainless steel jet, ball valve, cover, thermometer clip, stirrer and suitable stand with levelling screws. The sample required to be tested, is to fill in to the required level as indicated by the gauge in a cup having a Stainless Steel jet fixed in the bottom. The temperature is maintained during the test by heating the liquid in a bath surrounding the cup, and the flow time for 50 ml of the sample is measured.	01		
4.04	Cloud & Pour Point Apparatus : Double wall M. S. (As per IP 58 ASTM – D-36, ASTM – E – 28 & IS 205/78) For Four Tests: The apparatus consists of stand units with drain plug and cover with provision for fitting thermometer and a filling aperture for adding freezing mixture. Glass jars for containing oils, jackets, discs and gaskets as specified.			
4.05	Thermometers : 1) As per IP-5C Low range (-2 to 300°C)	02		

4.06	Thermometers : 2) AS Per IP-6C High Range (-2 to 400°C)	02		
4.07	Portable digital thermometer : Portable digital thermometer with <u>20 inch long probe</u> , 4 mm diameter, Temperature range: 750°C OR more	03		
05	<b>CHEMISTRY:</b>			
5.01	pH meter Digital : Hand held, Portable	02		
5.02	Flame Photometer : Digital LED Screen, with 4 metal ion filter	01		
5.03	Digital Gold Balance : Capacity: 200 g	04		
5.04	Conductivity Meter : Digital with electrode	02		
5.05	Potentiometer Electronic : Digital with electrode	02		
5.06	Scanning Visible Spectrophotometer : Wave length 300 - 1000, Digital, Single Beam, Auto scan	02		
5.07	UV- Chamber : UV Chamber size 12"x15"x 1'0	02		
5.08	Ice Cube Machine : Semi-Automatic Commercial Flakes	01		
5.09	Heating Mantle : Glass yarn, With regulator	05		
06	<b>COMPUTER SCIENCE:</b>			
6.01	CCTV IP Camera			
6.02	NVR 20 Channel Honeywell Make	01		
6.03	6u NVR Rack	01		
6.04	Camera Dome IP 5 MP	08		
6.05	Camera Bullet IP 5 MP	03		
6.06	Screen 32"	01		
6.07	Cat 6 Cable D-link	03		
6.08	Switch 10 or 20 Port			
6.09	Hard Disk 8 TB WD	01		
6.10	POE Switch	01		
6.11	RJ 45 Connectors	20		
6.12	WiFi 4G Router Cafe	01		
6.13	Cabling	10		
6.14	Cabling Lying in Conduct pipe or open Fixing	10		
6.15	Installation of Cameras	11		
6.16	Configuration of Devices for remote access	01		
07	<b>MICROBIOLOGY:</b>			
7.01	Colorimeter	02		
7.02	Water bath : Aluminium lid, inside chamber stainless steel, digital controller, size (45x30x17.5cm) Make-Yorko OR	02		
7.03	Water bath : Aluminum lid, inside chamber stainless steel, digital controller, size (45x30x17.5)cm, Make-Kumar OR	02		
7.04	Water bath : Aluminum lid, inside chamber stainless steel, digital controller, size (45x30x17.5)cm, Make-Equiptronics	02		
7.05	Autoclave : Vertical, Size(30x50) with basket Make-Equiptronics OR	02		
7.06	Autoclave : Vertical, Size(30x50) with basket Make- Tempo OR	02		
7.07	Autoclave : Vertical, Size(30x50) with basket Make- Quality	02		
7.08	Hot Air Oven: (45x45x45)cm,T.Range-5-250 Degree C. doubled wall Make-Equiptronics OR	02		

7.09	Hot Air Oven: (45x45x45)cm,T.Range-5-250 Degree C. doubled wall Make- Tempo <b>OR</b>	02		
7.10	Hot Air Oven: (45x45x45)cm,T.Range-5-250 Degree C. doubled wall Make- Quality	02		
7.11	Vacuum Cleaner : Dust Bag Capacity 2.5 lit., Input power :1600W. Make- Eureka Forbes	02		
7.12	Vacuum Cleaner : Dust Bag Capacity 2.5 lit., Input power :1600W. Make- Kent	02		
7.13	Vacuum Cleaner : Dust Bag Capacity 2.5 lit., Input power :1600W. Make- Philips	02		
08	<b>PHYSICAL EDUATION:</b>			
8.01	<b>Power Podium (PA Podium)-:</b> <ul style="list-style-type: none"> <li>• Built- in RMS 60W amplifier (4 ohms output)</li> <li>• -Built- in three 4” woofer and one 2” tweeter</li> <li>• -Two flexible gooseneck microphone and one reading Lamp</li> <li>• -MIC2/Line input and stereo music input</li> <li>• -Line out and REC output</li> <li>• -Bass, treble aux, Mic1 and Mic2/ Line volume control</li> <li>• -Extra output for amplifier</li> <li>• -Extra output for speaker (one 4 ohms speaker/ two 8 ohms speaker parallel connection)</li> <li>• -Ac power switch and light power operation</li> <li>• -AC power switch and light power switch</li> <li>• -Ac 220V, 50HZ power operation</li> <li>-Wooden top, steel body and bottom</li> </ul>	02		
8.02	<b>Stage Wireless Microphone With 10 Meters Distance :</b> 9v Battery operated <ul style="list-style-type: none"> <li>• Compact lightweight dual channel VHF wireless microphone system</li> <li>• Operates at quartz crystal locked VHF high band frequency and available in 5 different frequency groups</li> <li>• Two microphones with separate frequencies and one non-diversity receiver</li> <li>• Internal antennas in the microphones and two telescopic antennas in the receiver for clear and distortion free reception</li> </ul>	02		
8.03	<b>Electronic Tachistoscope:</b> ;This is a metallic exposure box with electronic timer to control the exposure time.  <ul style="list-style-type: none"> <li>• The exposure time can be adjusted continuously from 0.1 to 5 seconds.</li> <li>• Provided with binding posts for calibrating the exposure time setting using chronoscope.</li> <li>• It has two card holders, one for the standard card - 3.5" X 5.5" and another for big size cards - 6" X 8".</li> <li>• Works on 230 V AC.</li> </ul> <p>Supplied with Dot Cards for span of attention.</p>	01		
8.04	<b>Linear Motion Steadiness Test Apparatus:</b> Hand Steadiness Tester Measure One's aspect of psychomotor control. <ul style="list-style-type: none"> <li>• Tester moves a ring stylus through a progressively increasing stainless steel rod to measure subject's performance of Hand movement.</li> <li>• A beep gives the feed-back while stylus touches the rod.</li> <li>• Distance of movement can be measured and recorded.</li> </ul>	01		
8.05	<b>Combination Therapy Machine:</b> <b>Combination Therapy</b> <ul style="list-style-type: none"> <li>• Single unit, multiple treatment at one go, two independent channel stimulations and one channel ultrasound of 1 Mhz, 3 Mhz and Dynamic</li> <li>• Large colour touch screen</li> </ul>	01		

	<ul style="list-style-type: none"> <li>Library for Clinical Pathology - A convenient and comprehensive treatment guide for you.</li> <li>Anatomy Library - Extensive Anatomical library that illustrates wide variety of pathologies.</li> </ul> <p><b>Ultrasound Therapy</b></p> <ul style="list-style-type: none"> <li>Ultrasound watch Dog feature, to make sure that every treatment is precise.</li> <li>Back Light Graphic LCD Display.</li> <li>Frequencies : 1 Mhz, 3 Mhz &amp; Dynamic from single applicator.</li> <li>Clinical library: 25 programs.</li> <li>Treatment Head : 5 cm<sup>2</sup></li> </ul> <p><b>Electrotherapy</b></p> <ul style="list-style-type: none"> <li>All major currents including 4 pole, Vectors (40% &amp; 100%), 2 pole, TENS, Russian, interrupted galvanic, Faradic, Iontophoresis, NMES, HVPC &amp; Robert</li> <li>SD Curve</li> <li>Anti-accommodation mode for uniform treatment experience</li> </ul> <p><b>COMBINATION THERAPY</b> Combination of Ultrasound and Electrotherapy will save time and provide effective treatment on pain and tissue repair in less time.</p>			
8.06	<p><b>Foot step R-T apparatus:</b></p> <ul style="list-style-type: none"> <li>Consists of two stimulus boards, one control unit for experimenter, two starting foot boards for 'S' to stand and two stepping foot boards for giving response.</li> <li>Two visual &amp; two auditory stimuli can be presented with any desired response alternative.</li> <li>The apparatus measures time required for lifting the foot from starting board, total time required for stepping on stepping board and movement time for going from starting to stepping board.</li> </ul> <p>Two chronoscopes are provided for measuring reaction time and movement time.</p>	01		
8.07	<p><b>Stabil meter (Stability Platform):</b></p> <ul style="list-style-type: none"> <li><b>Purpose:</b> To study the ability of balancing as well as for studying motor learning.</li> <li>It has adjustable balancing platform to suit height of 'S'. Balancing range can be set from <math>\pm 4</math> degrees off centre to + 15 degrees. It has a provision for attaching Rectifier unit, Error counters as well as chronoscope to get the following readings. <ul style="list-style-type: none"> <li>(1) Balancing Time</li> <li>(2) Imbalance Time to the left</li> <li>(3) Imbalance time to the right,</li> <li>(4) Number of count of imbalance to the left</li> <li>(5) Number of counts of imbalance to right.</li> </ul> </li> <li>Following are required extra. <ul style="list-style-type: none"> <li>➤ For getting all the record it needs three chronoscopes,</li> <li>➤ Two 9 V.DC.</li> </ul> </li> </ul> <p>Error counters and one Rectifier unit (Battery Eliminator).</p>	01		
8.08	<p><b>Heart Health Monitor:</b></p> <ul style="list-style-type: none"> <li>Subject Monitors &amp; Diagnostics Devices</li> <li>Heart rate monitor is power supplied by 100-240V ~ ,50/60Hz,</li> <li>adopts 12.1" colour TFT LCD displaying real-time date and waveform.</li> <li>12.1" colour TFT LCD displaying real-time date and waveform.</li> </ul>	01		



	<ul style="list-style-type: none"> <li>• It can synchronously display eight-channel waveform and full monitoring parameters equipped with an optional 48mm thermal recorder.</li> <li>• Monitors parameters such as ECG, RESP, NIBP, SpO2, and dual-channel TEMP, etc.</li> <li>• Its Rechargeable internal battery brings lot of convenient for patient moving.</li> <li>• It can be connected to the central monitoring system via wire or wireless network to form a network monitoring system.</li> <li>• Heart rate variability (HRV) analysis function.</li> <li>• NIBP measurement mode: Manual/AUTO/STAT, storage for 4800-group NIBP data.</li> <li>• Drug concentration calculation and titration table functions.</li> <li>• Adopt digital SpO2 technology, anti-motion and anti-ambient light interference, and measurement can be performed under the circumstance of weak filling.</li> <li>• Power supply – 100-240V ~ 50/60Hz</li> <li>• CE &amp; FDA Approved</li> </ul> <p>User manual supplied</p>			
8.09	<p><b>Brain Wave (Eeg 24 Channel):</b></p> <ul style="list-style-type: none"> <li>• 24 Channel simultaneous acquisition of raw data</li> <li>• Compact and lightweight</li> <li>• USB powered with plug and play facility</li> <li>• Suitable for use in ICU, OT, Bedside recording or at patient's residence</li> <li>• Artifact free recording in any environment</li> <li>• LED-based photic stimulator</li> <li>• Reports can be emailed or transferred across a network</li> </ul> <p><b>PRODUCT DESCRIPTION</b></p> <p>EEG input channels            21  EKG input channels            1 (bipolar)  Configurable input channels    1 (bipolar)  DC/External transducer input    1  Connectivity to host            High-speed USB  Export format            PDF,MS WORD,MS EXCEL&amp;EDF  Safety                    1.5 KV isolation  Dimension                210x150x56.5 mm  Weight                    500 gm approx  Power supply operation        USB Powered  Power on indication            LED  Low filter                0.1,0.3,0.5,1,3,5 Hz and user-selectable (0-7 Hz),single pole  High filter                15,35,70 and user-selectable (10-99)single-pole  Notch                    off,50/60 Hz  Muscle rejection            on/off, 30 Hz double pole  Sensitivity                1-1000uV/mm and one user-selectable value  A/D Conversion            16 bit in hardware  Sampling rate                1024 Hz  Storage rate                256 Hz  Resolution                0.153uV  Dynamic range            10 mV P-P  CMRR                    &gt;100dB (0.1-100Hz)  Noise level                &lt;0.3uV RMS  Input impedance            &gt; 10 Mohm ( 0.1-100 Hz0</p>	01		

09	<b>PHYSICS</b>			
9.01	UV-Vis-NIR Spectrophotometer: Light source-Tungsten-halogen and Deuterium, Operating wavelength range-175 - 3300 nm, capable to capture diffuse and specular reflectance.	01		
9.02	Micro hardness testing machine: Touchscreen display with higher visibility, easy to operate user interface, Digimatic output for report creation, Electromagnetic test force generation system for higher accuracy. A high performance optical system provides a high quality image of the indentation load. A range of six different objectives: 2x, 5x, 10X, 20X, 50X and 100X for measuring the indentation images. Vickers, Knop and KC fracture toughness measurement. Test force ranges from 0,05g to 2,0kg.	01		
9.03	Quick's Tube Method : Paramagnetic sample, electromagnet, Travelling microscope, solid sample	01		
9.04	Digital Source Meter : High Resolution Capacitive Touch Screen Graphical User Interface, V-Ranges: 200 mV – 200 V, I-Ranges: 1 $\mu$ A – 1 or I-Ranges: 10 nA – 1 A, 0.012% Basic Accuracy, Wideband Noise: 4 or 2 mVrms Typ., Sweep Types: Linear, Log, Custom, Programming GPIB, USB, Ethernet (LXI)	01		
9.05	Potentiostat - Voltage polarization range $\pm 2$ V with factory option to $\pm 8$ V Current polarization range $\pm 20$ mA Maximum compliance $\pm 8$ V Rise time 1 V/ $\mu$ sec into 1 k $\Omega$ Connections Differential Electrometer Maximum voltage measurement $\pm 2$ V with factory option to $\pm 8$ V Maximum resolution 61 $\mu$ V Maximum current $\pm 20$ mA Ranges 1 nA/V to 10 mA/V in 8-decade ranges Maximum resolution 61 fA Compliance voltage $\pm 8$ V	01		
9.06	Sputtering System : Two Target DC Sputtering System Confocal Sputter configuration Manual or semi-automatic or fully automatic mode Turbo Molecular pump based high vacuum pumping system Base pressure: 10 <sup>-7</sup> torr by using suitable capacity turbo molecular pump Electro-polished process chamber from inner and outer side for better vacuum performance Extra ports for future up-gradation RF/DC/Pulsed DC compatible sputtering sources Manual or motorized shutter assembly size 1" or 2" or 3" High strength magnets Substrate holder to hold various sizes of substrate up to 4" dia. Variable substrate rotation up to 30 rpm Uniform substrate heating up to 600 Deg C Mass flow control base gas management system with digital display and controller For Nano technology, Photovoltaic coating, Metals, metal oxides and dielectric coatings applications	01		
9.07	DC Variable Power Supply : Range 0-30V (dual)	10		
9.08	Analytical Balance : Accuracy:0.01mg, Range 120g Or 200g	01		
9.09	Universal B-H Curve Tracer	01		
9.10	DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colours or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4000 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type: Short Throw, Throw Ratio:0.61 or better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support up to 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77" & @0.95m), Image Size:60" & -300" & or better, Keystone & Corner	02		

	<p>Correction: Projector should have vertical (<math>\pm 40^\circ</math>) keystone correction  Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode,  Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, Inbuilt Speaker: Minimum 5 Watts: rms to deliver full range sound  Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &amp;lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable &amp; connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable &amp; Power Cable  Remote: Projector should be supplied with  Make: HugoTechno OR</p>			
9.11	<p>DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colours or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4000 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type: Short Throw, Throw Ratio:0.61 or better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support upto 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77&amp;quot; @0.95m), Image Size:60&amp;quot;-300&amp;quot;or better, Keystone &amp; Corner  Correction: Projector should have vertical (<math>\pm 40^\circ</math>) keystone correction  Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode,  Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, Inbuilt Speaker: Minimum 5 Watts: rms to deliver full range sound  Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &amp;lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable &amp; connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable &amp; Power Cable  Remote: Projector should be supplied with  Make: Oscarspro, OR</p>	02		
9.12	<p>DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colours or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4000 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type: Short Throw, Throw Ratio:0.61 or better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support upto 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77&amp;quot; @0.95m), Image Size:60&amp;quot;-300&amp;quot;or better, Keystone &amp; Corner  Correction: Projector should have vertical (<math>\pm 40^\circ</math>) keystone correction  Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode,  Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, Inbuilt Speaker: Minimum 5 Watts: rms to deliver full range sound  Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &amp;lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable &amp; connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable &amp; Power Cable  Remote: Projector should be supplied with  Make:, Globus</p>	02		
9.13	Electromagnet with Power supply :15KGauss	02		
9.14	Impedance Analyser: Frequency range 20 Hz to 10 or 20 or 30or 50 or 120 MHz, Basic impedance measurement accuracy $\pm 0.08\%$ , Measurement parameters: $ Z $ , $ Y $ , $\theta$ , R, X, G, B, L, C, D, Q, Complex Z, Complex Y, Vac, Iac, Vdc, Idc, DC bias range: 0 V to $\pm 40$ V, 0 A to $\pm 100$ mA	01		
10	<b>HINDI:</b>			
10.01	Mike System with Speakers and Amplifier:	2		
10.02	Cordless mike	2		
10.03	Caller Mike	4		

11	<b>ZOOLOGY:</b>			
11.01	<p><b>Automated Nucleic Acid Extractor</b> : Sample Volume 200-400µl, Elution volume 30, 50, 100, 150, 200 µl with UV light for sterilization System with 16 magnetic rods, purification capacity up to 96 samples of DNA, RNA and protein from a variety of biological sources as well as paraffin embedded formalized tissue) . The system allow movement of superparamagnetic particles or magnetic beads, processing volumes 50 to 1000µl</p> <p>The system should have provision of heating for both lysis and elution with Ambient temperature to 120°C, processes up to 16 samples at a time. The processing time less than 45 min. System with customization of protocols &amp; controls create &amp; modified protocols as per requirement through provided</p> <p>Software to use any magnetic particle-based kit not closed spin column or pre- filled cartridges.</p> <p>The system eliminates hands-on processes such as ethanol precipitation, Phenol/chloroform extraction, centrifugation or column purification etc.</p> <p>The protocols selection through a GUI Touch screen display, in built touch screen to avoid dependency on computer. The system should have both USB and RS-232 for software upgradation.</p>	01		
11.02	<p>DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colours or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4000 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type long Throw, Throw Ratio:0.61 or better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support upto 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77" @0.95m), Image Size:60"-300"or better, Keystone &amp; Corner Correction: Projector should have vertical (± 40°) keystone correction Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode, Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, Inbuilt Speaker: Minimum 5 Watts: rms to deliver full range sound Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable &amp; connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable &amp; Power Cable Remote: Projector should be supplied with Make: HugoTechno OR</p>	02		
11.03	<p>DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colours or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4000 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type long Throw, Throw Ratio:0.61 or better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support upto 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77" @0.95m), Image Size:60"-300"or better, Keystone &amp; Corner Correction: Projector should have vertical (± 40°) keystone correction Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode, Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, Inbuilt Speaker: Minimum 5 Watts: rms to deliver full range sound Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable &amp; connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable &amp; Power Cable Remote: Projector should be supplied with Make: Oscarspro OR</p>	02		
11.04	<p>DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colours or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4000 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type long Throw, Throw Ratio:0.61 or</p>	02		

	<p>better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support upto 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77" @0.95m), Image Size:60"-300";or better, Keystone &amp; Corner Correction: Projector should have vertical (<math>\pm 40^\circ</math>) keystone correction Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode, Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, Inbuilt Speaker: Minimum 5 Watts: rms to deliver full range sound Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable &amp; connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable &amp; Power Cable Remote: Projector should be supplied with Make: Globus</p>			
11.05	<p>DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colors or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4200 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type: Short Throw, Throw Ratio:0.61 or better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support upto 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77" @0.95m), Image Size:60"-300";or better, Keystone &amp; Corner Correction: Projector should have vertical (<math>\pm 40^\circ</math>) keystone correction Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode, Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, InBuilt Speaker: Minimum 5 Watts: rms to deliver full range sound Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable &amp; connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable &amp; Power Cable Remote: Projector should be supplied with full function remote control , Certificates: BIS, CE, RoHS &amp; FCC Make-HugoTechno OR</p>	01		
11.06	<p>DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colors or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4200 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type: Short Throw, Throw Ratio:0.61 or better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support upto 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77" @0.95m), Image Size:60"-300";or better, Keystone &amp; Corner Correction: Projector should have vertical (<math>\pm 40^\circ</math>) keystone correction Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode, Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, InBuilt Speaker: Minimum 5 Watts: rms to deliver full range sound Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable &amp; connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable &amp; Power Cable Remote: Projector should be supplied with full function remote control , Certificates: BIS, CE, RoHS &amp; FCC Make- Oscarspro OR</p>	01		
11.07	<p>DLP Projector: Native Resolution: XGA (1024x768) or higher, Display Color:1.07 Billion Colors or higher, Technology :One Chip DLP, Light Source: UHP Lamp, Brightness:4200 ANSI Lumens or better Contrast Ratio:22000:1 or better, Throw Type: Short Throw, Throw Ratio:0.61 or better, Digital Zoom: 0.8X-2.0X, Projection Offset: Should support upto 130% (+/-5%) or better Lens: F=2.6, f=6.9mm, Throw Distance:0.74m-3.72m (77" @0.95m), Image Size:60"-300";or better, Keystone &amp; Corner Correction: Projector should have vertical (<math>\pm 40^\circ</math>) keystone correction Audible Noise: up to 31dB in Normal Mode, 27dB in Eco. Mode, Minimum Lamp Life:15000 Hrs in Normal Mode, 20000 Hours in Economy Mode, Input Ports: HDMI x 1, Computer in/VGA x 2, Composite video x 1, Audio In x 1 Output Ports: VGA out x 1, Audio Out x 1, Other ports: USB Type A (power) x 1, USB type B mini x 1, RS232 x1, InBuilt Speaker: Minimum 5 Watts: rms to deliver full range sound</p>	01		

	Input Resolution Support: VGA(640 x 480) to Full HD (1920 x 1080), HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, Video Compatibility: NTSC, PAL, SECAM Power Consumption :Normal: 260W, Standby: &lt;0.5W, Input Power Supply: As per Indian standard with compatible power cable & connector, Accessories: All device driver and cables for connecting with computer, Wall Mount Kit , 10mtr HDMI Cable & Power Cable Remote: Projector should be supplied with full function remote control , Certificates: BIS, CE, RoHS & FCC Make- Globus			
11.08	<b>Double Beam UV-VIS. Spectrophotometer</b> with UV Analyst Software but Without PC & Printer : Cell Holder: Single Cuvette Holder (10mm), Wavelength Range:190-1100 nm, Bandwidth: 1nm, Optical System: Double Beam(1200 Lines/mm Grating) Wavelength Accuracy: ±0.3nm, Wavelength Repeatability: ±0.2nm, Fast, Medium, Low, Wavelength setting: Auto, Photometric Accuracy: ±0.3%T, Photometric Repeatability: ±0.2%T, Photometric Range: -0.3-3A,0-200%T,0-9999C, Stability: ± 0.001A/h @ 500nm, Baseline Flatness: ± 0.001A/h, Noise: ± 0.001A/h, Stray Light: ≤0.05 % T Data Output: USB, Printer Port: Parallel Port, Display: LCD, Cell Holder: 10 mm 4 position cuvette holder, Lamps: D2 Lamp & Tungsten Halogen Lamp ( W Lamp ), Detector: Silicon Photodiode, Power Supply: AC 220V/50Hz, STANDARD ACCESSORIES: UV Analyst Software: 1 pc 10mm, Glass Cuvette: 4 pcs. Power Cord: 1 pc Instruction Manual: 1 pc. 10mm quartz cuvette: 2 pcs. Dust Cover: 1 pc.	01		
12	<b>ENGLISH:</b>			
12.01	Electronic Podium : Type of Product: Portable Lectern System, Weight: 18.30kg Frequency Response: 100- 16,000Hz Dimensions: W420 × H1135 × D580 mm, Tone Controls: Bass: ±6dB at 80Hz, Treble: ±6dB at 8kHz Power	02		
12.02	DD Dish Set Top Box : DD Free Dish TV Set Top Box with SWAYAM Prabha Channel Facility	01		
12.03	CCTV Camera : 8 CH HD DVR	01		
12.04	1000GB Seagate (SV.35) SATA HD	01		
12.05	DOME HD CAMERA	01		
12.06	Installation Charges			
12.07	DSLR Camera : Lens Type: Double Zoom Kit(18-55mm+55-250mm) Megapixel & Sensor Type: 24.1 MEGAPIXEL CMOS SENSOR Auto Focus Points: 9 POINT ALL CROSS-TYPE ISO Range: ISO 100-12800 Frames Per Second (Continuous Shots): 3FPS Video Recording: FULL HD VIDEO RECORDING Monitor or Display size, type: 7.62cm (3INCH) FIXED SCREEN Connectivity: WIFI/NFC Processor: DIGIC4+	01		
12.08	Handy Camera : HDR – CX405 Batch: 5794164 Sensor: 1 / 5.8 type (3.1 mm) back-illuminated Exmor R® CMOS Sensor Processor: IMAGE PROCESSOR BIONZ X™ image processor Lens: ZEISS® Vario- Tessar, APERTURE F1.8-F4.0 Zoom: OPTICAL ZOOM 30xScreen: LCD SCREEN TYPE 6.7 cm (2.7 type) Clear Photo LCD display (230 400 dots) Wide (16:9)	01		
12.09	Sanitizer Napkin Wending Machine: Automatic. Metal Enclosure: 1.6mm. Product Holding Capacity: 60 to 90 items. Coin Dispenser capacity: 2 x 500 Nos. Dimensions: 1500 x 650 x 750mm. Power Consumption: 50 W. Power Supply: 150V to 230V. By Metallic Keypad	01		
13	<b>MARATHI:</b>			
13.01	Motorized White Screen Crystal for DLP 4”x6” with remote (Including Installation)	1		
14	<b>STATISTICS:</b>			
14.01	<b>Podium:</b> , Public Address Podium with Wireless Mike, Lecture System (Receiver Amplifier Power output 60 Watts Max. Speaker Impedance (External) 4W Input Channels Sensitivity Mic -1 : 12 0mv Mic-2- 7mV Aux position1:350mV Aux Position -2 180mV Aux Position 3- 300mv,Aux Position 4- 700mv, Frequency Response tone Control Bass +- 10dB at 80 Hz, Treble+=6dB at 8 Khz. Rec Output-IV, Power supply Ac 220-240V, 50 /60 Hz, Power Consumption AC100 W, Dimensions W 420 x H1100 x D580mm Weight 18.30 kg,	02		

	HANDHELD wireless Transmitter Microphone Dynamic Unidirectional Stability various Emissions 45dB. RF Output Power, 15MW, Frequency Response 80-16.000Hz Dynamic Range 100dB <b>Or latest</b>			
15	<b>LIFELONG LEARNING &amp; EXTENSION:</b>			
15.01	Digital Photo Copier Machine with DADF - Multifunctional Laser Beam Technology 25ppm, A3 size, Memory: 2GB RAM, Print, Scan, Copy, Networking Cassette: 2, Bypass tray: 1 Touchscreen, Scan to Email, Scan to Folder, Secured Print, Page Composer Driver: UFR II Rotate Collate: YES Zoom: 25% - 400% Duplex Print: YES Duplex Scan: YES Toner Yield: 30000 Print/Copy Drum Yield: 250000 Print/Copy	02		
16	<b>GIRLS' HOSTEL</b>			
16.01	Biometric Attendance System with Backup power Supply: Face/Finger/RFID Attendance Reader (500 Faces, 2000 Fingers, 1,00,000 logs TCP IP, USB) Suitable up to 100 students) Type - 100% Copper Model	02		
16.02	Biometric Attendance System with Backup power Supply: Face/Finger/RFID Attendance Reader (3000 Faces, 4000 Fingers, 1,00,000 logs TCP IP, USB) Suitable 100 to 3000 students. ( High End)	01		
16.03	Projector Screen: Licking Projector/ Simple Portable Projector Screen W-121.92 cm x H-182.88 cm	02		
16.04	LCD TV: 49" Full HD Resolution, Wall mountable, Smart phone connectivity, USB port latest Model.	01		
	<b>PA (IP Based Paging System with automatic (digital) timely audio playback system)</b>			
16.05	Providing & Fixing IP Based Network Paging Mic Console (Digital) Make :- BOSCH OR	01		
16.06	Providing & Fixing IP Based Network Paging Mic Console (Digital) Make :- Shure OR	01		
16.07	Providing & Fixing IP Based Network Paging Mic Console (Digital) Make :- Ahuja.	01		
16.08	Providing & Fixing IP Based PA Network Intercom Unit Make :- BOSCH OR	04		
16.09	Providing & Fixing IP Based PA Network Intercom Unit Make :- Shure OR	04		
16.10	Providing & Fixing IP Based PA Network Intercom Unit Make :- Ahuja	04		
16.11	Providing & Fixing Software for Internet Protocol System (IP Based) Software Features : User Management, Terminal Status, Recording Service Call Logs Report, Call Make :- BOSCH OR	01		
16.12	Providing & Fixing Software for Internet Protocol System (IP Based) Software Features : User Management, Terminal Status, Recording Service Call Logs Report, Call Make :- Shure OR	01		
16.13	Providing & Fixing Software for Internet Protocol System (IP Based) Software Features : User Management, Terminal Status, Recording Service Call Logs Report, Call Make :- Ahuja	01		
16.14	Providing & Fixing 415W Rack Mounting Installation PA AMPLIFIER Make :- BOSCH OR	04		
16.15	Providing & Fixing 415W Rack Mounting Installation PA AMPLIFIER Make :- Shure OR	04		
16.16	Providing & Fixing 415W Rack Mounting Installation PA AMPLIFIER Make :- Ahuja	04		
16.17	Providing & Fixing 25W IP65 PA Sound Projector (with LMT) Make :- BOSCH OR	31		

16.18	Providing & Fixing 25W IP65 PA Sound Projector (with LMT) Make :- Shure OR	31		
16.19	Providing & Fixing 25W IP65 PA Sound Projector (with LMT) Make :- Ahuja	31		
16.20	Providing & Fixing PA Paging Microphone (with Chime) Make :- BOSCH OR	04		
16.21	Providing & Fixing PA Paging Microphone (with Chime) Make :- Shure OR	04		
16.22	Providing & Fixing PA Paging Microphone (with Chime) Make :- Ahuja	04		
16.23	Providing & Fixing 15W PA Column Speaker (with LMT) Make :- BOSCH OR	04		
16.24	Providing & Fixing 15W PA Column Speaker (with LMT) Make :- Shure OR	04		
16.25	Providing & Fixing 15W PA Column Speaker (with LMT) Make :- Ahuja	04		
16.26	Providing & Fixing 6W PA wall Speaker (with LMT) Make :- BOSCH OR	04		
16.27	Providing & Fixing 6W PA wall Speaker (with LMT) Make :- Shure OR	04		
16.28	Providing & Fixing 6W PA wall Speaker (with LMT) Make :- Ahuja	04		
19.29	Providing & Fixing PA Active Monitor Speaker Make :- BOSCH OR	01		
16.30	Providing & Fixing PA Active Monitor Speaker Make :- Shure OR	01		
16.31	Providing & Fixing PA Active Monitor Speaker Make :- Ahuja	01		
16.32	Providing & Fixing 12U Lockable Metal Rack for system: Heavy Duty Metal Rack with powder coating colour 19" Global Standard Specification	04		
16.33	Supplying, Erecting, Testing & Commissioning of 1.5 Sq. mm. speaker wire complete (Qty in mtrs.)	1000		
16.34	Supplying & Erecting PVC turning (PVC casing-n-capping) of size 20 mm with accessories on wall/ceiling as per specification No. : WG-MA/CON (Qty in mtr.)	1000		
16.35	Supplying & Installing UTP networking cat 7 cable, 4 pair 23, AWG Cate 6A LSZH LAN cable, Standards like ANSI/TIA 568, C.2, EN50173, IEC 11801 2nd ED, 600 Mhz Speed frequency tested upto 700Mhz with third party certificate etc. complete. (Qty in mtr.)	100		
16.36	Supplying, installing & Testing UTO connector (RJ-45) as per specification No. WG-NAS/UTPC	20		
17	<b>KNOWLEDGE RESOURCE CENTRE:</b>			
17.01	<b>Electronic Podium:</b> Material-metal, size- W420xH1135xD580 mm, colour-black, Reading table- angled, Finish-Matte, Features- Mic-1,:3.0mV, Aux Position.	01		
17.02	<b>CCTV : Setup &amp; Installation of IP Dome /Bullet 2 mp,1/2.8"</b> Progressive Scan CMOS, ICR, Colour 0.028 lux @(F2.0:AGC ON),0 lux with IR ,1920x1080:25fps/30fps (50/60Hz), 2.8MM/4mm Lens fixed,H.265+/H.265/H.264/ MJPEG, DC12V & PoE, 3DDNR, BLC, ROI, HLC, WDR, IR range: up to 40m, cloud service. 3-Axis Adjustment, RJ45 Ethernet interface, Line crossing detection, intrusion detection, Scene change detection, audio exception detection, Face Detection, IP67, ONVIF (PROFILE S, PROFILE G), ISAPI	26		
17.03	Setup & Installation of 32 Channel Network Video Recorder 2 Mp Up to 32-ch IP camera inputs H.265+/H.265/H.264+/H.264 video formats Up to 2- ch @ 8MP or 4-ch @ 4MP or 8-ch @ 1080P decoding capacity1HDMI and 1 VGA interfaces: both interfaces support independent video output 4 HDDs	1		



	for continuous video recording Up to 256 Mbps incoming bandwidth			
17.04	Surveillance Hard Disk 6 TB	2		
17.05	Setup & Installation of 16 Port Network Switch PoE 16 x 10/100/1000Base-T PoE Port	2		
17.06	Setup & Installation of 6U Network Rack with Standard Accessories	2		
17.07	Dome Camera Stand	26		
17.08	32" LED TV latest model	1		
17.08	Cat6 cable (As per actual qty.) in rft	100		
17.09	cable laying charges (As per actual qty.) in rft	100		
17.10	Conduit pipe/casing patti with saddle fitting (As per actual qty.)	100		
17.11	Setup, Installation, Crimping, punching & Supervision charges with one year warranty & 2 years support	26		
17.12	Electronic Podium: PA Lectern System ,Compact, Reliable & easy to assemble with built in 90W class 0 amplifier,18" Detachable gooseneck condenser Microphone & Reading light ,For the podium top, Built-in dual channel VHF wireless receiver & two numbers of VHF handheld wireless microphone, Combo Socket for connecting wired microphone through 6.3mm phone plug or a line source through an XLR male plug, facility for connecting an auxiliary source through a 6.3 mm phone plug, Built-in digital MP3 recording ,playback & Bluetooth facility, Recording & Playback can be done using either a pen drive or a SD card. Wireless Microphones & gooseneck podium microphone have switchable voice priority over allay other Inputs. MIX out through a 6.3mm phone socket, allowing a lectern system to be connected to external amplifier of further amplification, if required. USB outlet on podium top for charging a mobile phones.	1		
17.13	Barcode Scanner : Presentation or Hands free: Scan Rate 1120, Item Dimensions LxWxH: 10.5 x 10.2 x 15 Centimetres,	03		
17.14	Handheld Barcode Scanner: - Dimension: 169x63x51 mm Pattern Scan :Single line	05		
17.15	ID card Printer: DATACARD Dual-Sided ID Car Printer Key feature 1) Dye Sublimation / Resin Thermal Transfer 2) Max Resolution: 300 x 1200 dpi 3) Works with ID-1 / CR-80 Card Sizes 4) Color Print Speed: 200 Cards/Hour Along with accessories	01		
17.16	Data card Graphics Monochrome Ribbon Kit	75		
17.17	Plain white PVC Card	10000		
17.18	Web Camera: Logitech C615 Portable Web Cam Full HD 1080p/30fps, Widescreen HD Video Calling, Foldable, HD Light Correction, Autofocus, Noise Reduction for Skype, Face Time, Hangouts.	02		
18	<b>Political Science Deptt.</b>			
18.01	T.V. 126 cm ( 50 inches) 4K Ultra HD Sart Android LED TV KD-50x75 (Blalck) (2022 model) with Alexa compatibility. (with Installation)	03		
19	<b>IQAC</b>			
19.01	A3 Monochrome Laser Multifunctional, Print, Copy, Scan, Send and Optional Fax, Standard: 17.78cm TFT LCD WVGA Colour Touch panel, Standard: 2.0GB RAM, Standard: 1 200 sheets 2 300 sheets (with Cassette Feeding Unit-AN1), Standard: 250 sheets 545 sheets (with Inner Finisher-J1), Upper Cassette 1:Standard size: A4, A4R, A5R, B4, B5, B5R Custom size: Minimum 139.7 x 182.0 mm up to 297.0 x 390.0 mm Lower Cassette 2:Standard size: A3, A4, A4R, A5R, B4, B5, B5R Custom size: Minimum 139.7 x 182.0 mm up to 297.0 x 431.8 mm Multi-purpose tray: Standard size: A3, A4, A4R, A5, A5R,	01		

	<p>A6R, B4, B5, B5R, Envelopes [No. 10(COM 10), Monarch, ISO-C5, DL] Custom Size/Free Size: Minimum 98.0 x 148.0 to 297.0 x 431.8 mm Paper Cassettes (1/2): 60 to 128g/m<sup>2</sup> Multi-purpose tray: 52 to 220g/m<sup>2</sup> (Thin: vertical grain paper feed only: 52 to 59g/m<sup>2</sup>) Duplex: 60 to 105g/m<sup>2</sup> 12s or less*1 From Sleep Mode: 10s or less 4s or less*2 iR 2645/2635: 586 x 709 x 926 mm (with DADF-BA1)*3 iR 2630/2625: 586 x 713 x 912 mm (with DADF-AZ1)*3 iR 2625: 586 x 700 x 818 mm (with Platen Cover type Z)*3 Standard: iR 2645/2635: 68.3kg without toner iR 2630/2625: 66.8kg without toner iR 2645:45 ppm (A4), 22 ppm (A3) iR 2630:30 ppm (A4), 15 ppm (A3) iR 2625 25 ppm (A4), 15 ppm (A3) Print Resolution (dpi) - 1 200 x 1 200, Standard: UFR II Optional: Genuine Adobe PostScript 3, PCL 6 UFR II: Windows® 7/8.1/10/Server 2008 /Server 2008 R2/Server 2012/Server 2012 R2/Server 2016/Server 2019, MAC OS X (10.9 or later) PCL: Windows® 7/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016/Server 2019 PS: Windows® 7/8.1/10/Server 2008/Server 2008 R2/ Server 2012/Server 2012 R2/Server 2016/Server 2019, MAC OS X (10.9 or later) PPD: Windows® 7/8.1/10, MAC OS X (10.9 or later) 45 ppm (A4), 22 ppm (A3) iR 2630: 30 ppm (A4), 15 ppm (A3) iR 2625i: 25 ppm (A4), 15 ppm (A3) Multiple Copies - Up to 9 999 copies Magnification - 25% - 400% (1% Increments), Preset Reductions - 25%, 50%, 61%, 70%, 81%, 86%, Preset Enlargements - 115%, 122%, 141%, 200%, 400%, Document Feeder media weight: DADF-BA1: 1-sided scanning: 38 to 128g/m<sup>2</sup> (BW), 64 to 128g/m<sup>2</sup> (CL)*7 2-sided scanning: 50 to 128g/m<sup>2</sup>(BW), 64 to 128g/m<sup>2</sup> (CL) DADF-AZ1: 1-sided scanning: 38 to 128g/m<sup>2</sup> (BW/CL) 2-sided scanning: 38 to 128g/m<sup>2</sup>(BW/CL) * 8 Platen: scanning size: 297.0 x 431.8 mm Document Feeder media size: DADF-BA1: A3, A4, A4R, A5, A5R, B5, B5R, B6, B4R Custom size: 128.0 x 139.7 mm to 297.0 x 431.8 mm DADF-AZ1: A3, A4, A4R, A5, A5R, B5, B5R, B4R Custom size: 128.0 x 148.0 mm to 297.0 x 431.8 mm E-mail/Internet FAX (SMTP), SMB, FTP, WebDAV, Super G3 FAX (Optional) Standard: TIFF (MMR), JPEG*9, PDF (Compact, PDF A/1-b, Encrypted), XPS (Compact), PDF/XPS (Device Signature) Optional: PDF (Trace &amp; Smooth), PDF/XPS (User Signature, Searchable), Office Open XML (PowerPoint, Word) Optional on all models Standard: USB Memory Standard: IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP, S/MIME Magnetic physical card access system. (Integrates with Department ID, not for use with uniFLOW) IC Card Reader Box-C2 COPY CARD READER ATTACHMENT-H3 - Attachment kit for Copy Card Reader-F1 only</p>			
20	<b>Central Administrative Service Unit</b>			
20.01	<p>Handy Camera: HDR, Sensor: 1 / 5.8 type (3.1 mm) back-illuminated Exmore R® CMOS Sensor Processor: IMAGE PROCESSOR BIONZ X™ image processor Lens: ZEISS® Vario- Tessar, APERTURE F1.8-F4.0 Zoom: OPTICAL ZOOM 30xScreen: LCD SCREEN TYPE 6.7 cm (2.7 type) Clear Photo LCD display (230 400 dots) Wide (16:9)</p>	01		
20.02	<b>CCTV Camera:</b> 8 CH HD DVR	01		
20.03	1000GB Seagate (SV.35) SATA HD	01		
20.04	DOME HD CAMERA	03		
20.05	Installation Charges	01		
21	<b>University Health Centre</b>			
21.01	<p><b><u>LUVCARE 3D+(FULL BODY MASSAGE CHAIR</u></b> * Smart Body Point Detection Massage. * Real Zero Gravity. * Intelligent Voice Control Technology. * Inbuilt HD Bluetooth Speakers. * LCD Screen Remote Controller. * Comes With Easy Shortcut Buttons. * USB Port For Mobile Charging With Mobile Holder. * Equipped With Quad Roller Technology. * Has Back Heaters For Back Pain Relief. * Inbuilt With Auto Program And Manual Program. * Has 12 Kinds Of Auto Program.</p>	01		

	<ul style="list-style-type: none"> <li>* Has 5 Different Kinds Of Manual Program.</li> <li>* With Adjustable Speed And Intensity.</li> <li>* Comes With Led Artistic Light On Both The Side.</li> </ul> <p>Make: Relife</p>			
21.02	<p><u>LUVCARE 3D+(FULL BODY MASSAGE CHAIR</u></p> <ul style="list-style-type: none"> <li>* Smart Body Point Detection Massage.</li> <li>* Real Zero Gravity.</li> <li>* Intelligent Voice Control Technology.</li> <li>* Inbuilt HD Bluetooth Speakers.</li> <li>* LCD Screen Remote Controller.</li> <li>* Comes With Easy Shortcut Buttons.</li> <li>* USB Port For Mobile Charging With Mobile Holder.</li> <li>* Equipped With Quad Roller Technology.</li> <li>* Has Back Heaters For Back Pain Relief.</li> <li>* Inbuilt With Auto Program And Manual Program.</li> <li>* Has 12 Kinds Of Auto Program.</li> <li>* Has 5 Different Kinds Of Manual Program.</li> <li>* With Adjustable Speed And Intensity.</li> <li>* Comes With Led Artistic Light On Both The Side.</li> </ul> <p>Make: Bionics OR,</p>	01		
21.03	<p><u>LUVCARE 3D+(FULL BODY MASSAGE CHAIR</u></p> <ul style="list-style-type: none"> <li>* Smart Body Point Detection Massage.</li> <li>* Real Zero Gravity.</li> <li>* Intelligent Voice Control Technology.</li> <li>* Inbuilt HD Bluetooth Speakers.</li> <li>* LCD Screen Remote Controller.</li> <li>* Comes With Easy Shortcut Buttons.</li> <li>* USB Port For Mobile Charging With Mobile Holder.</li> <li>* Equipped With Quad Roller Technology.</li> <li>* Has Back Heaters For Back Pain Relief.</li> <li>* Inbuilt With Auto Program And Manual Program.</li> <li>* Has 12 Kinds Of Auto Program.</li> <li>* Has 5 Different Kinds Of Manual Program.</li> <li>* With Adjustable Speed And Intensity.</li> <li>* Comes With Led Artistic Light On Both The Side.</li> </ul> <p>Make: Innovative Physio</p>	01		
21.04	<p>Foot Massager .: 05 ft. rub, Make: Relife OR</p>	02		
21.05	<p>Foot Massager .: 05 ft. rub, Make: Bionics OR</p>	02		
21.06	<p>Foot Massager .: 05 ft. rub, Make: Innovative Physio</p>	02		
21.07	<p>Quadriceps Chair: Raxim angled 0-99 degree, Armrest Adjustable liver 0-360 degree. Make: Relife, Bionics, Innovative Physio</p>	01		
21.08	<p>Quadriceps Chair: Raxim angled 0-99 degree, Armrest Adjustable liver 0-360 degree. Make: Relife OR</p>	01		
21.08	<p>Quadriceps Chair: Raxim angled 0-99 degree, Armrest Adjustable liver 0-360 degree. Make: Bionics OR</p>	01		
21.09	<p>Dumbbell Rubber coated: 1kg (pair) Make: Casco OR</p>	02		
21.10	<p>Dumbbell Rubber coated: 1kg (pair) Make: Aerofit OR</p>	02		
21.11	<p>Dumbbell Rubber coated: 1kg (pair) Make: Viva</p>	02		
21.12	<p>Dumbbell Rubber coated: 2kg (pair) Make: Casco OR,</p>	02		
21.13	<p>Dumbbell Rubber coated: 2kg (pair) Make: Aerofit OR</p>	02		
21.14	<p>Dumbbell Rubber coated: 2kg (pair) Make: Viva</p>	02		
21.15	<p>Dumbbell Rubber coated: 4kg (pair) Make: Casco OR</p>	02		
21.16	<p>Dumbbell Rubber coated: 4kg (pair) Make: Aerofit OR</p>	02		
21.17	<p>Dumbbell Rubber coated: 4kg (pair) Make: Viva</p>	02		
21.18	<p>Dumbbell Rubber coated: 5kg (pair) Make: Casco OR</p>	02		

21.19	Dumbbell Rubber coated: 5kg (pair) Make: Aerofit OR	02		
21.22	Dumbbell Rubber coated: 5kg (pair) Make: Viva	02		
21.23	Computerized IFT Microprocessor Base Digital Model: Frequency 2 khz, & 4 khz, mode: 4 pole, 4 pole vector, Intensity: 0-50 mA, Direct BEAT Frequency, spectrum 03 different selection rectangular 1/1 S, Trapezoidal 1/5 S, Linear 6/6 S size L 32 cmx W. 28cmxh 8cm, Weight -3 kg without accessories: Make: Relife OR	01		
21.24	Computerized IFT Microprocessor Base Digital Model: Frequency 2 khz, & 4 khz, mode: 4 pole, 4 pole vector, Intensity: 0-50 mA, Direct BEAT Frequency, spectrum 03 different selection rectangular 1/1 S, Trapezoidal 1/5 S, Linear 6/6 S size L 32 cmx W. 28cmxh 8cm, Weight -3 kg without accessories: Make: Bionics OR	01		
21.25	Computerized IFT Microprocessor Base Digital Model: Frequency 2 khz, & 4 khz, mode: 4 pole, 4 pole vector, Intensity: 0-50 mA, Direct BEAT Frequency, spectrum 03 different selection rectangular 1/1 S, Trapezoidal 1/5 S, Linear 6/6 S size L 32 cmx W. 28cmxh 8cm, Weight -3 kg without accessories: Make: Innovative Physio	01		
21.26	Hot Pack Therapy Unity: Hot Steam pack therapy 4/8/12 pack unit: Heater 2KW., Water Capacity 10/15/25 liter. Power Supply: 220-240 volt, 15hz. Input V. 230 VAC, 50 hz. Weight – 12kg. Make: Relife OR	01		
21.27	Hot Pack Therapy Unity: Hot Steam pack therapy 4/8/12 pack unit: Heater 2KW., Water Capacity 10/15/25 liter. Power Supply: 220-240 volt, 15hz. Input V. 230 VAC, 50 hz. Weight – 12kg. Make: Bionics OR	01		
21.27	Hot Pack Therapy Unity: Hot Steam pack therapy 4/8/12 pack unit: Heater 2KW., Water Capacity 10/15/25 liter. Power Supply: 220-240 volt, 15hz. Input V. 230 VAC, 50 hz. Weight – 12kg. Make: Relife, Bionics, Innovative Physio	01		
21.28	Short Diathermy: SWD 300/500 Watt. Output 300/500 watt., Frequency : Rf. 27.12 mhz., wave length 11 mtr. , timer 0.30 min., Input voltage 230 volt. Ac/50 hz., weght 18/38 kg. Make: Relife OR	01		
21.29	Short Diathermy: SWD 300/500 Watt. Output 300/500 watt., Frequency : Rf. 27.12 mhz., wave length 11 mtr. , timer 0.30 min., Input voltage 230 volt. Ac/50 hz., weght 18/38 kg. Relife, Bionics OR	01		
21.30	Short Diathermy: SWD 300/500 Watt. Output 300/500 watt., Frequency : Rf. 27.12 mhz., wave length 11 mtr. , timer 0.30 min., Input voltage 230 volt. Ac/50 hz., weght 18/38 kg. Relife, Innovative Physio	01		
21.31	Digital Muscle Stimulator: Steel 12 volt power to amp. Operating current.	01		

Name of Firm : .....

GST Registration No. : .....

Permanent Accounts No. (PAN NO.) : .....

Signature of Vender : .....

Name of the Authorized Signatory : .....

Seal of the Firm :