

Bapuji Educational Association Regd  
Bapuji Institute of Engineering & Technology,  
Davangere-577 004

Phone No: 08192-2221461

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### **E-Tender Notification**

Bapuji Institute of Engineering & Technology, Davangere invites e-tenders from eligible, reputed and experienced manufacturers/authorized dealers for the supply of Scientific Equipment to the Textile Technology Department under Skill Upgradation Centre (Nutana Javali Neeti 2013-2018), sponsored by Department of Handlooms and Textiles, Govt. of Karnataka.

The Tenderers who have registered under e-governance department of Government of Karnataka may participate through e-tendering system. Tender documents may be downloaded from the e-Procurement website <https://eproc.karnataka.gov.in> from **24.05.2017 to 23.06.2017**. The approximate tender value is **Rs. 81.50 Lakhs and EMD is Rs.20,000/-**.

The eligible tenderer shall submit the e-tender in Two Cover System under e-procurement platform on or before **23.06.2017 within 5:00 pm**. The Technical Bid will be opened on **28.06.2017 at 11:00 am**.

The Financial Bid will be opened on **30.06.2017 at 11:00 am**.

Further information (if any) may be obtained from:

- <https://eproc.karnataka.gov.in>
- e-procurement help desk contact No: 080-25501216, 080-25501227
- (Working Hours: Monday to Saturday 9:00 am to 9:00 pm)  
(Excluding Second Saturday)

**DIRECTOR**

**PRINCIPAL**

Bapuji Educational Association Regd.  
Bapuji Institute of Engineering & Technology,  
Davangere-577 004

## **TENDER NOTIFICATION**

### **FOR THE SUPPLY OF TEXTILE EQUIPMENT FOR TEXTILE DEPT. LABORATORIES**

**Bapuji Institute of Engineering and Technology**, Davangere was established during the academic year 1979 - 80 with the initiative and foresight of members of **Bapuji Educational Association (R)** on approval from Govt. of Karnataka and is duly affiliated to Visvesvaraya Technological University, Belgaum. The institute is recognized by All India Council for Technical Education, New Delhi. At present the institute offers 11 undergraduate, 7 postgraduate programs in Engineering and Management courses & it has 13 Research Centres.

Dept. of Handlooms and Textiles, Government of Karnataka has sanctioned a grant of Rs Seventy eight Lakhs Sixty Eight Thousand Two Hundred and Fifty (Rs.78,68,250=00) to Department of Textile Technology, for the establishment of Skill Upgradation Centre (Javali Koushalya Abhivruddi Kendra). The college intends to develop infrastructure facilities to give training program for skill upgradation of local textile industry employees and to carry out research work by purchasing equipment under DH&T, Govt.of Karnataka Research Grant.

#### **1. Equipment Specification by the college is enclosed in Annexure-**

- i. The firm who wish to apply, shall do so through the e-procurement platform of Government of Karnataka electronically (in the prescribed format) on or **before 23.06.2017 by 5:00 pm.**
- ii. Tender processing fee should be paid electronically to the e-procurement account.
- iii. Certified copies of the relevant documents need to be scanned and uploaded.
- iv. All the tender documents can be downloaded from the e-procurement website:
  - <http://eproc.karnataka.gov.in>
  - Additional information may be obtained from e-procurement help desk.  
Contact Nos: 080-25501216, 080-25501227  
(Working Hours: Monday to Saturday 9:00 am to 9:00 pm)

#### **2. The Firm should be familiar with:**

- i. The Karnataka Transparency in Public Procurement Act.  
(KTPP Act-1999 and Rules-2000) and its relevant amendments from time to time.
- ii. E-procurement procedure of Government of Karnataka.

#### **3. Important Information/Instructions:**

- i. The Scientific Equipment supplied by the firm shall be as per our specifications.

- ii. The tender should contain **Financial Bid** in format specified in Annexure-II
- iii. All the documents should be attested by the Gazetted Officer.
- iv. Time Schedule is as given in the table below
- v. In case the last date falls on Government Holiday, the next working day shall be the last date.

<u>Sl.No.</u>	<u>Details</u>	<u>Periods</u>
<u>1</u>	<u>Downloading of Tender documents</u>	<u>24.05.2017 to 23.06.2017 at 5:00 pm</u>
<u>2</u>	<u>Uploading of Tender details</u>	<u>24.05.2017 to 23.06.2017 at 5:00 pm</u>
<u>3</u>	<u>Date, Time and Place of Opening Technical Bid</u>	<u>28.06.2017 at 11:00 am.</u> <u>Office of the Principal, Bapuji Institute of Engineering &amp; Technology, Davangere.</u>
<u>4</u>	<u>Date, Time and Place of Opening Financial Bid</u>	<u>30.06.2017 at 11:00 am.</u> <u>Office of the Principal, Bapuji Institute of Engineering &amp; Technology, Davangere.</u>

#### 4. Tender Committee:

- |  |          |
|--|----------|
| ▪ Principal/Director                               | Chairman |
| ▪ Deputy Director, DH&T, Davangere                 | Member   |
| ▪ One Professor (Department of Textile Technology) | Member   |
| ▪ HOD, Department of Textile Technology            | Member   |
| ▪ Principal Investigator, DH&T Project             | Member   |

#### 5. Mandatory Documents to be Signed and Uploaded by the Tenderer:

**The Tenderer must upload the attested copies of the following documents along with the Technical Tender:**

- Registration Certificate under Shops and Establishments Act.
- Service Tax Certificate and its renewals from time to time.
- Income Tax PAN Card.
- Income Tax Returns filed by the firm for the previous 3 years.
- Balance sheet for Turnover certified by Chartered Accountant for the previous 3 years.
- Experience Certificate issued by the suppliers during previous three years.
- Self-declaration on a stamp paper of Rs.50/- stating that “the firm has not been black listed”

#### 6. Essential Terms and Conditions to be followed by the Tenderer:

- i. The successful tenderer cannot sublet the tender to others. In case of violation, the full amount of the EMD shall be forfeited.

- ii. The Bapuji Institute of Engineering & Technology, Davangere retains the power to accept or reject the scientific equipment supplied by the firm, if the specifications are not met.
- iii. The successful tenderer must execute an Agreement Bond on a Stamp paper of Rs.100 stating that “**the Tender shall be executed as per the terms and conditions prescribed by the Bapuji Institute of Engineering & Technology, Davangere**” (along with other details in the prescribed format) within one week from the date of issue of order, otherwise tender will be cancelled.
- iv. **The EMD amount of Rs.20,000/-** shall be paid online through any one of the following modes:
  - (a) Credit Card
  - (b) Direct Debit
  - (c) National Electronic Fund Transfer (NEFT)
  - (d) Over the Counter (OTC)
- v. Validity of the tender is 90 days from the date of opening of the tender.
- vi. The firm should adhere to the additional conditions imposed by the institute from time to time.
- vii. One who has quoted the lowest rates shall be considered as a lowest bidder taking into consideration of rate, quality, technical specifications and other charges.

**7. Other Terms and Conditions:**

- i. There shall not be any revision in the accepted tender rates during the tender period.
- ii. All the original documents are to be produced at the time of opening of tender. Submission of Bid without documents, wrong/incomplete information is liable for rejection.
- iii. Any action on the part of bidder/tenderer to influence any officer of the institute or canvassing of any form shall make the tender liable for rejection.
- iv. Any issue/s arising during the tender period, the decision of tender accepting authority (i.e Principal/Director) is final.
- v. The Principal/Director is empowered to accept or reject any tender without assigning any reason.
- vi. Failure to supply the required **Textile equipment** well in time is liable for rejection of tender, and forfeiting of the EMD.
- vii. Non-satisfactory quality of **Textile equipment** of the tender agreement is liable for cancellation of tender, by issuing a one week notice.
- viii. The successful tenderer is wholly and solely responsible for supply of **Textile equipment** well in time without any delay.
- ix. Any negligence on part, the tenderer shall be held solely responsible and liable for payment of compensation for damage caused to the college property/assets etc.
- x. Any dispute, clarifications on the tender matters, the decision of the Principal/Director is final; and the firm shall agree to the condition that no suit shall be filed in any court of law on the issues related to the tender.
- xi. The tenderer should quote the gross total amount in Annexure-II of e-procurement portal along with all taxes, charges etc.
- xii. The rate quoted are for the **Textile equipment** of good quality and free from defects.

- xiii. Prices shall be for Instruments, inclusive of all taxes, (CST/VAT; Door delivery, assembly, installation, demonstration; Warranty; Post-installation service and Training to students at the supplier's Application-cum-R&D facility).
- xiv. DSIR/CDE certificate for Excise and Customs duty exemption shall be provided.
- xv. Payment shall be made after satisfactory demonstration and satisfactory working condition.
- xvi. The Foreign exchange rate for Indian Rupee (INR) shall be as per the existing rate on the day of Purchase Order (P.O.) release.
- xvii. The tender stands rejected on failure to fulfill any one of the above conditions.

**DIRECTOR**

**PRINCIPAL**

Bapuji Educational Association ®

Bapuji Institute of Engineering & Technology,  
Davangere-577 004

Annexure-I

Application for the Supply of **Textile Equipment**

Sl.No.	Particulars	Details
1	Name of the Firm with full Address	
2	Contact Numbers:	Phone Number
		Mobile Number
		Fax Number
		E-mail ID
3	Details regarding EMD	DD Number
		Date
		Amount
		Name of the Bank
4	Year of Establishment	
5	Registration Number	
6	Name of the Authority	
7	Total transaction during last financial year	
8	Whether the firm/company is registered with e-procurement.	
9	Whether, Technical and Financial Bid is enclosed	
10	Whether, 3 years experienced certificate is enclosed.	
11	Number of Spare Equipments and Materials available for supply	

Date:

Signature with

Place:

Name, Address and Seal

Bapuji Educational Association (Regd.)  
Bapuji Institute of Engineering & Technology,  
Davangere-577 004

**Annexure - II FINANCIAL BID**

For the Supply of **Textile Equipment**

**DH&T, Govt of Karnataka-Sponsored Skill Upgradation Centre for Textile Technology**  
**Dept, BIET Project – Equipment Grant: Department of Textile Technology**

SL. No.	Particulars	Detailed specifications and company make etc.	Rate per each (inclusive of all taxes & other charges)		
			MRP	Discount	Net

Place:

Signature (with Seal)

Date:

Name &amp; Designation

### List of Equipment and their Specifications

Name of Equipment/ Machine	Specification	Quantity																																			
<b>High Volume Instrument</b>	<ul style="list-style-type: none"> <li>• Fully automatic fibre testing instrument for measuring fibre quality</li> <li>• Calibration in both ICC/HVI mode by USDA or any other international calibration cotton</li> <li>• Trash separation by gravimetric method with buoyancy technique</li> <li>• Flexible report options with detailed as well as consolidated formats</li> </ul> <p><b>Fibre Parameters:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Modules</th> <th style="text-align: center;">Principle</th> <th style="text-align: center;">Range</th> <th style="text-align: center;">Sample size</th> <th style="text-align: center;">Results</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Fibre length &amp; length uniformity</td> <td style="text-align: center;">Optical</td> <td style="text-align: center;">12-45mm/ 0.47-1.77inch</td> <td style="text-align: center;">One handful</td> <td style="text-align: center;">ICC: 2.5% &amp; 50%SL, UR%, SFI HVI: UHML, ML, UI, SFI</td> </tr> <tr> <td style="text-align: center;">Strength</td> <td style="text-align: center;">CRE</td> <td style="text-align: center;">10-50g/tex</td> <td style="text-align: center;">One handful</td> <td style="text-align: center;">Strength-g/tex Elongation in %</td> </tr> <tr> <td style="text-align: center;">Micronaire and maturity</td> <td style="text-align: center;">Airflow</td> <td style="text-align: center;">2.0-8.0</td> <td style="text-align: center;">8.5-10.5gms</td> <td style="text-align: center;">Mic, maturity ratio</td> </tr> <tr> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Optical</td> <td style="text-align: center;">Rd 40-90 +b 4-18</td> <td style="text-align: center;">One handful</td> <td style="text-align: center;">Rd, +b &amp; CG</td> </tr> <tr> <td style="text-align: center;">Moisture</td> <td style="text-align: center;">Resistance</td> <td style="text-align: center;">3.5-20%</td> <td style="text-align: center;">One handful</td> <td style="text-align: center;">Moisture content in %</td> </tr> <tr> <td style="text-align: center;">Trash</td> <td style="text-align: center;">Gravimetric</td> <td style="text-align: center;">Up to 99%</td> <td style="text-align: center;">10-50gms</td> <td style="text-align: center;">Trash, dust, Micro dust &amp; Invisible loss %</td> </tr> </tbody> </table>	Modules	Principle	Range	Sample size	Results	Fibre length & length uniformity	Optical	12-45mm/ 0.47-1.77inch	One handful	ICC: 2.5% & 50%SL, UR%, SFI HVI: UHML, ML, UI, SFI	Strength	CRE	10-50g/tex	One handful	Strength-g/tex Elongation in %	Micronaire and maturity	Airflow	2.0-8.0	8.5-10.5gms	Mic, maturity ratio	Colour	Optical	Rd 40-90 +b 4-18	One handful	Rd, +b & CG	Moisture	Resistance	3.5-20%	One handful	Moisture content in %	Trash	Gravimetric	Up to 99%	10-50gms	Trash, dust, Micro dust & Invisible loss %	<b>01</b>
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<b>Single end Sample Warping Machine</b>	<ul style="list-style-type: none"> <li>• Width : Suitable for 18-24" sample fabric</li> <li>• Warping speed : Up to 350 meters per minute</li> <li>• Warping length : 3-3.5 meters</li> <li>• Warping drum : controlled by AC motor</li> <li>• Traverse motion : controlled by stepper motor</li> <li>• Yarn range : Count 5-120Ne</li> <li>• Bobbin Number : 01 end at a time</li> <li>• All functions of the machine : by PLC based software</li> <li>• Tension controlled : pneumatic cylinder</li> <li>• Beam dia : up to 60-100 mm (suitable for sample looms)</li> <li>• Type of Yarn : All types of yarn.</li> <li>• Colour Selection : 4-8</li> <li>• Thread density : 4 ends/ cm to 100 ends/cm.</li> <li>• Designing : Design &amp; editing by PLC based software.</li> </ul>	<b>01</b>																																			



	<ul style="list-style-type: none"> <li>• Creel : 8 bobbins with tensioner, dropper device etc.,</li> </ul>	
<b>Single End Sizing Machine:</b>	<ul style="list-style-type: none"> <li>• Sizing : Suitable for all type of yarns.</li> <li>• Speed of the machine : 10-100 metres/ min.</li> <li>• Winding of yarn : by separate motor, along with APD device to avoid lapper problem.</li> <li>• Squeezing : by positive driving system, rollers covered by specialized rubber coating.</li> <li>• Winding head : Suitable for cones of 6 inches along with universal type of adaptors and cradles.</li> <li>• Winding drum : Metallic drum of 2.5 mm traverse, 90 mm diameter, suitable for all type of yarns.</li> <li>• Yarn Guides : Ceramic guides.</li> <li>• Yarn Break : Detected by sensor.</li> <li>• Drying : Automatic temperature controlled system,</li> <li>• Heating : Electrically heated drying through hot air lower.</li> <li>• Working of the machine : PLC based software</li> <li>• Size Box : Immersion roller and squeezing system.</li> </ul>	<b>01</b>
<b>Automatic Sample Loom (Rapier):</b>	<ul style="list-style-type: none"> <li>• Beam Length : 10 meters.</li> <li>• Weaving Width : 18-24 inches.</li> <li>• Speed : 50 ppm maximum</li> <li>• Weft Selector : 4-8 colours electronic weft selection controlled by Pneumatic cylinder or electro-magnetic solenoid valve.</li> <li>• Yarn Count : 5-120Ne.</li> <li>• Weft insertion : By rigid rapier or flexible rapier.</li> <li>• Fabric Take-up : Weft Density can be changed electronically within the same weave controlled by Stepper motor.</li> <li>• Warp let-off : Positive, electronically controlled to maintain constant warp tension.</li> <li>• Shedding : Computer Controlled. Maximum 18 heald frames</li> <li>• Beat-up : Controlled by Servo motor and servo drive or Pneumatic system.</li> <li>• Weft Break : Mechanical detection.</li> <li>• Designing : Windows based software installed on PC.</li> <li>• Weave : Plain/ Twill/ Satin</li> <li>• Draw-in : Heald frames can be separated from looms for drawing-in</li> </ul>	<b>01</b>

	<ul style="list-style-type: none"> <li>• Warping : Separate warp beam</li> </ul>	
<b>Miniature Rotor Spinning Machine</b>	<ul style="list-style-type: none"> <li>• 4 spindle machine</li> <li>• Computer controlled</li> <li>• Standard spin box</li> <li>• 50-200 draft</li> <li>• Individual drive with slub/fancy arrangements</li> <li>• User friendly menu driven software</li> </ul>	<b>01</b>
<b>Trash Analyser</b>	<ul style="list-style-type: none"> <li>• Principle: Separation of raw cotton into lint, heavy trash, fine trash and micro dust</li> <li>• Trash separation by gravimetric method with buoyance technique</li> <li>• Compact table model</li> <li>• Micro controller based instrument with 4line LCD display with feather touch Key</li> <li>• Display by highly visible multicolour indicator &amp; LCD display</li> </ul>	<b>01</b>
<b>Digital Bursting Strength Tester</b>	<ul style="list-style-type: none"> <li>• Capacity: 0.5-70kg/cm<sup>2</sup></li> <li>• Suitable for standard procedure as per ASTM, ISO, BS etc.</li> <li>• Suitable for woven /Knitted &amp; paper boards</li> <li>• Variable pumping rate up to 1500ml/min</li> <li>• Pressure up to: 700kpa</li> <li>• Diaphragm calibration system</li> <li>• Digital display</li> <li>• Variable sample clamping pressure</li> </ul>	<b>01</b>
<b>Electronic Twist Tester</b>	<ul style="list-style-type: none"> <li>• Electronic measurement of TPI &amp; TPM for S&amp;Z twist tester</li> <li>• Specimen length adjustment from 0-20"</li> <li>• Results on LED display unit</li> <li>• Suitable for single, double and OE yarns</li> <li>• Auto stop</li> <li>• Direct counting, single &amp; multiple untwist and re-twist method</li> </ul>	<b>01</b>
<b>Electronic Wrap Reel Instrument</b>	<ul style="list-style-type: none"> <li>• Pre selection of 30s, 60s, 120yds and 45/90mts in metric norms</li> <li>• Cone stand for 5 cones/cheeses</li> <li>• Measurement as per ASTM and ISO standards</li> <li>• Digital display</li> </ul>	<b>01</b>
<b>Automatic/ Electronic Lea Strength Tester</b>	<ul style="list-style-type: none"> <li>• Automatic Lea strength testing controlled by computer and micro controller</li> <li>• Automatic engage and return of lower jaw</li> <li>• Auto self-aligned upper and lower jaw of precise measurement of breaking load</li> <li>• Testing range: 0-500lbs (0-250kgs)</li> <li>• Traverse speed: Constant 300mm/min</li> <li>• Principle: CRE</li> </ul>	<b>01</b>

<b>Bundsmann Water Repellence Tester</b>	<ul style="list-style-type: none"> <li>• Principle: Reproduction of rain falling from a specific height of 150cms</li> <li>• Number of specimens: 04</li> <li>• Specimen cup size: 100mm diameter</li> <li>• Standard size water jets</li> </ul>	<b>01</b>
<b>Spray Tester</b>	<ul style="list-style-type: none"> <li>• Principle: suitable for determination of surface wetting resistance for evaluation of water resistant finishes</li> <li>• Spray nozzles: Containing 19 holes of 0.99mm dia</li> <li>• Spray rating: 250cc of water</li> <li>• Spray Height: Standard 150mm</li> <li>• Photographic scale for assessment</li> </ul>	<b>01</b>
<b>Lab Knitter</b>	<ul style="list-style-type: none"> <li>• Tubular knitted sample fabric production</li> <li>• Cylinder up to 3-4" dia and Interchangeable cylinder</li> <li>• Fabric fineness regulation mechanism</li> <li>• Automatic oiling device</li> <li>• Electronic yarn length meter with variable speed regulation</li> <li>• Yarn count range: 8-120Ne</li> </ul>	<b>01</b>
<b>Microtome for fibre cross sections</b>	<ul style="list-style-type: none"> <li>• Cutting sections as thin as 10 microns</li> <li>• Steel cutting blade</li> <li>• Sliding Clamp arrangement</li> <li>• Suitable all natural and man-made synthetic fibres</li> </ul>	<b>01</b>
<b>Direct Moisture Regain oven</b>	<ul style="list-style-type: none"> <li>• For moisture content and moisture regain in % in textile materials according to ISO/ASTM standards</li> <li>• Quick sample drying 10 min by suction</li> <li>• Adjustable drying temperature range up to 140°C</li> <li>• Automatic continuous weighing</li> <li>• Can size: 240mm dia, 330mm height</li> <li>• Sample weight: 100-800gms</li> <li>• Regain: 0-30%</li> </ul>	<b>01</b>
<b>Laboratory Padding Mangle</b>	<ul style="list-style-type: none"> <li>• 3 bowl padding mangle</li> <li>• Suitable for all dyeing, printing, finishing and padding process</li> <li>• Pneumatic loading for precise squeezing</li> <li>• Vertical/Horizontal</li> </ul>	<b>01</b>
<b>Sewing Machines (Fashion Maker)</b>	<ul style="list-style-type: none"> <li>• Flatbed zig zag machine</li> <li>• Triple strength stitch</li> <li>• Light weight with carrying handle</li> <li>• Snap on presser foot</li> <li>• Single touch reverse stitch</li> <li>• Four step button hole</li> <li>• Foot/Motor operated</li> </ul>	<b>20</b>
<b>Industrial Sewing Machines</b>	<ul style="list-style-type: none"> <li>• Single end lock stitch machine</li> <li>• New ergonomically styled arm</li> <li>• Feed regulating dial on front of arm</li> </ul>	<b>05</b>

	<ul style="list-style-type: none"> <li>• Fully automatic lubrication system</li> <li>• Built in knee lifter</li> <li>• Bed plate screws on accessories on machine bed</li> <li>• Easy to attach belt guard</li> </ul>	
<b>Desk top Computer</b>	<ul style="list-style-type: none"> <li>• Processor: Intel ® Core™ i7-6700 with Intel HD Graphics 530 [3.4 GHz, up to 4 GHz, 8MB cache,4 cores]</li> <li>• RAM: 1x 8GB or 2x8GB, 1600MHz or 2133 MHz</li> <li>• Hard Disk Drive : 2TB SATA 7200 rpm</li> <li>• Optical Devices: DVD –RW</li> <li>• Ports: GbE Ethernet, 6x USB, HDMI, Audio &amp; etc.</li> <li>• Key board: USB KBD</li> <li>• Pointing device: USB mouse.</li> <li>• Monitor: 21”/22” LED and other accessories.</li> <li>• OS: Windows 10</li> <li>• Warranty: 03 years onsite</li> </ul>	<b>05</b>
<b>LCD Projector</b>	<ul style="list-style-type: none"> <li>• Display : 3 LCD system</li> <li>• No. of pixels : (1024x768x3) pixels</li> <li>• Light source type : ultra-high pressure memory lamp</li> <li>• Wattage 200-220w</li> <li>• Screen size : 30” to 300” ( 076 m to 7.62 m )</li> <li>• Contrast ratio : 300:1</li> <li>• Displayable scanning frequency : Horizontal : 19KH2 -92KH2, Vertical : 48KH2- 92KH2</li> <li>• Video signal input: NTSC, PAL, SEAM, 480/6i, 576/50i, 480/60p, 576/50p, 720/50p, 1080/60i, 1080/50i.</li> <li>• Dimensions Approximate : 315x75x230.5mm</li> <li>• Weight Approximate: 2.5 kgs.</li> </ul>	<b>01</b>
<b>Lap top</b>	<ul style="list-style-type: none"> <li>• Processor : Intel core i5</li> <li>• Speed : 1.7 GH2</li> <li>• Cache : 3 MB</li> <li>• RAM : 4GB</li> <li>• Type : DDR 3</li> <li>• Memory speed : 1600MHz</li> <li>• Hard Drive : Inbuilt HDD : 1TB , Speed ( RAM ) : 5400</li> <li>• Display : Screen size : 15.6 inches , Display resolution : 1366x768, panel type : HD LED Backlit display with Trnchlif</li> <li>• Audio Speakers : Yes</li> <li>• USB 2.0 ports : 2</li> <li>• USB 3.0 ports : 1</li> <li>• Bluetooth : 4.0</li> <li>• Built in camera : Yes</li> <li>• Microphone : Yes</li> <li>• Digital Media Reader</li> </ul>	<b>01</b>

	<ul style="list-style-type: none"> <li>• Li – Ion Battery</li> <li>• 4 – Cell Battery</li> <li>• Operating System : Windows 10</li> </ul>	
<b>Split Air Conditioner</b>	<ul style="list-style-type: none"> <li>• Lloyd 1.5 ton 3star split AC</li> <li>• Model: LS19A3</li> <li>• Voltas 1.5 ton 3 star split AC</li> <li>• Model: SAC 183</li> <li>• Godreji 1.5 ton 3 star split</li> <li>• Model:GSC18CP23 AC</li> </ul>	<b>03</b>
<b>Class Room Desks</b>	<ul style="list-style-type: none"> <li>• Model: CARDS.</li> <li>• Four seater [Size:- 6'0"]</li> </ul> <p><b>Material specification;</b></p> <ul style="list-style-type: none"> <li>• 32 mmx16g Sq Legs</li> <li>• 32 mm x16 G Round Crca Tube</li> <li>• 5/8<sup>th</sup> Round pipe</li> <li>• 1"X1"X10g Welded Mesh</li> <li>• 32 mm x 6mm Flat</li> <li>• 32 mm x 3mm MS Angle</li> <li>• 18mm Rubber wood top with melamine polish</li> <li>• 18 mm Rubber wood seat top with melamine polish and with perforation</li> <li>• Water proof pre lam board for side and front cover with powder coating</li> </ul>	<b>50</b>
<b>UPS and Electrical supply accessories (Stabilisers) 10 KW each</b>	<ul style="list-style-type: none"> <li>• 5KVA/10KVA</li> <li>• 1 Phase/3 phase</li> <li>• Input voltage: 120 V- 280V</li> <li>• Output voltage accuracy: 1%</li> <li>• Control: Digital/Analog</li> <li>• Efficiency: 97%</li> </ul>	<b>04</b>