

**TENDER DOCUMENT  
FOR PURCHASE SUPPLY OF  
LABORATORY INSTRUMENTS/EQUIPMENTS,  
COMPUTERS/SMART CLASS SETUP  
AND  
COMPUTER LAB FURNITURES**



**GOVT. V.Y.T.P.G. AUTONOMOUS COLLEGE, DURG  
91001(C.G.)**

**(Former Name – Govt. Arts & Science College, Durg)**

**NAAC Grade-A+, CPE Phase-III, DBT-Star College**

**Ph.: 0788-2359688, Fax: 0788-2359688**

**Website: [www.govtsciencecollegedurg.ac.in](http://www.govtsciencecollegedurg.ac.in)**

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OFFICE OF THE PRINCIPAL  
GOVT. V.Y.T.P.G. AUTONOMOUS COLLEGE, DURG 491001(C.G.)  
(Former Name – Govt. Arts & Science College, Durg)  
NAAC Grade-A+, CPE Phase-III, DBT-Star College  
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**SHORT TENDER NOTICE**  
**No. 1569 //GVYTPGAC/TENDER/2019 DT. 22.11.2019**  
**TENDER NOTICE FOR THE SUPPLY OF LABORATORY**  
**INSTRUMENTS AND EQUIPMENTS**

Govt. V.Y.T.PG College Durg invites sealed tender from reputed manufacturer/authorized dealers for purchase and supply of the following items.

Item Name	Last date/time of submission of tender form	Date/Time of opening of Technical Bids
1. LAB INSTRUMENTS/EQUIPMENT	<b>27.12.2019</b> <b>3:00PM</b>	<b>28.12.2019</b> & <b>30.12.2019</b>
2. SMART CLASS SETUP		
3. COMPUTER		
4. COMPUTER LAB FURNITURE		

Interested firm may submit their sealed tender in two bid form i.e. Technical bid and Financial bid as per term and condition of tender documents. The filled-in tender form for each item with tender fee of Rs. 700/- and earnest money of Rs. 5000/- both by demand draft in favor of **Principal, Govt.V.Y.T.PG Autonomous College Durg** should reach to the office up to above date clearly super scribed “Tender for.....” The tender documents (details of tender notice, instructions, Technical specification of items, term & conditions etc.) may downloaded from our website [www.govtsciencecollegedurg.ac.in](http://www.govtsciencecollegedurg.ac.in).

**Principal**  
**Govt.V.Y.T.PG Autonomous College**  
**Durg**

**Copy to:-**

1. Director, Jansampark Chhattisgarh with request to please publish this notice on 02 national level, 03 state level and 05 local news papers.
2. Convenor, College Website Committee with instruction to upload the notice on college website.
3. Notice Board

**Principal**  
**Govt.V.Y.T.PG Autonomous College**  
**Durg**



OFFICE OF THE PRINCIPAL

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TENDER NOTICE

No. 1569 //GVYTPGAC/TENDER/2019 DT. 22.11.2019  
TENDER NOTICE FOR THE SUPPLY OF LABORATORY  
INSTRUMENTS/EQUIPMENTS AND COMPUTER LAB FURNITURES

Govt. V.Y.T.PG College Durg invites sealed tender from reputed manufacturer/authorized dealers for purchase and supply of the **lab instruments/equipments, Computers/Smart Class Setup/computer lab furniture** for various department of the college. The Schedule of tender are here under-

Sr.No.	Activity	Date	Time in IST
1	DATE OF TENDER PUBLISHED ON COLLEGE WEBSITE <a href="http://WWW.GOVTSCEINCECOLLEGEDURG.AC.IN">WWW.GOVTSCEINCECOLLEGEDURG.AC.IN</a> . AND IN NEWS PAPER	27.11.2019	10.00am
2	BID DOCUMENT DOWNLOAD/SALE DATE	27.11.2019	10:00am
3	BID SUBMISSION START DATE	27.11.2019	11:00am
4	BID DOCUMENT DOWNLOAD/SALE END DATE	27.12.2019	11:00am
5	BID SUBMISSION END DATE	27.12.2019	3:00pm
6	TECHNICAL BID OPENING DATE	28.12.2019 & 30.12.2019	
7	FINANCIAL BID OPENING DATE	Shall be informed to technically qualified bidders	

Interested firm may submit their sealed tender in two bid form i.e. Technical bid and Financial bid as per term and condition of tender documents. The filled-in tender form for each item with tender fee of Rs. 700/- and earnest money of Rs. 5000/- both by demand draft in favour of Principal **Govt.V.Y.T.PG Autonomous College Durg** should reach to the office up to above date clearly super scribed “Tender for.....”

The tender documents (details of tender notice, instructions, Technical specification of items, term & conditions etc.) may downloaded from our website [www.govtsciencecollegedurg.ac.in](http://www.govtsciencecollegedurg.ac.in).

Principal  
Govt.V.Y.T.PG Autonomous College  
Durg

## Terms and conditions

1. Sealed tender should reach **Office of the Principal Govt.V.Y.T.PG Autonomous College, Durg, 491001** on or before **27.12.2019, 3:00 PM**.
2. Suppliers should send their tender through **Registered Post/Speed** post only. No other mode will be accepted.
3. The offers received through telex / telefax / e-mail will not be accepted by the university under any circumstances.
4. The college shall not be responsible for delay / loss or non-receipt of tenders by the post.
5. No unsolicited correspondence shall be entertained after the submission of the offer. No enquiry shall be made by the bidders during the course of evaluation of the tender till a final decision is conveyed to the successful bidder. However, the purchase committee or its authorized representative can make any enquiry/seek clarification from the bidders. In such a situation, the agency shall extend full cooperation
6. The Tender Document along with detailed specifications of the instrument/equipment's can be obtained in person from the office of the Principal, Govt. V.Y.T.PG Autonomous College Durg, Chhattisgarh on submission of prescribed tender fee in the form of demand draft drawn in favour of Govt. V.Y.T.PG Autonomous College Durg, Chhattisgarh Payable at Durg, Chhattisgarh.
7. The bid document may also be downloaded from College Website: [www.govtsciencecollegedurg.ac.in](http://www.govtsciencecollegedurg.ac.in) Bidders using downloaded tender forms from College website must submit cost of tender document by demand draft drawn in favour of Govt. V.Y.T.PG Autonomous College, Durg Payable at Durg along with technical bid. The bid form downloaded through College website submitted without tender fees will not be accepted.
8. **The tender without EMD, Less EMD and document fee will summarily be rejected.** If the tenderer having exemption of EMD, he should enclose the copy of the certificate and be produce original for verification on the date of opening of the tender.

9. The amount of EMD will be refunded in case of unsuccessful tenderer on submission of application with money receipt in original soon after the final decision. In case of successful tender, it will be refunded on production of original receipt after completion of validity period of the agreement to be executed between the tenderer and the college without any interest.
10. The Earnest money will be forfeited when: -
  - (i) **Bidder withdraws or modifies the offer after opening of tender but before the acceptance of tender**
  - (ii) **Bidder does not execute the agreement if any, prescribed within the specified time.**
  - (iii) **Bidder does not deposit the security deposit.**
11. Those suppliers who have already submitted tenders along with EMD and tender fee in response to this office earlier tender notice number 717/GVYTPGGAC/RUSA 1.0 DT.28.06.2019 (canceled tender) will have to apply again but **they will remain exempted from EMD and document fee.**
12. Company/firm should be **registered manufacturer/supplier** of the item.
13. The tenderer must enclose adequate documents to prove **their authorization claim**. If not enclosed this college reserve the rights to accept or reject tenders of these agencies. The decision of the college in this regard will be final and shall be binding on tenderer.
14. Company/firm should have fulfilled **prior experience, turnover** and all other criteria as per tender document.
15. **Start-ups and Small-scale** unit will remain **exempted** from criteria of prior experience and turnover.
16. The College at its discretion may extend the last date of submission of tender and opening of tenders.
17. Late and **delayed tenders will not be considered** and shall be returned unopened to the Bidder.
18. If tenderer give wrong information, college reserves the right to reject such bid at any stage and forfeit the Earnest Money Deposit.

19. Incomplete bids, not in proper sealed covers are liable to be rejected.
20. Conditional tenders will be rejected without assigning any reason.
21. If technical bid contains any price information the offer will be summarily rejected.
22. Canvassing in any form are liable for rejection.
23. Unsigned tenders/bids, unattested, correction and overwriting by bidders are also liable for rejection.
24. Bids submitted without supporting documents are liable to be rejected.
25. Each page of the tender document including all annexures duly stamped and signed by the bidder and tender should be page numbered.
26. In financial bid the rate of each item should be inclusive **of all taxes, packing, forwarding, transit etc.**
27. The rate both in words and figures without any corrections or over writing should be quoted for each individual item separately. **The rates must be valid up to December 31,2020.**
28. **Quoting merely the lowest price does not confer any right to any bidder for award of supply order.** The Purchase Committee, reserves the right to select the equipment any bid under the grounds of specification compliance, technologically advanced quality, proven performance track record, brand reputation, service backup support & training, offer of additional / special features, compatibility with the existing System, etc.
29. On the acceptance of the rates as per the approved tender, the supply order will be placed by the Head of the office of college.
30. The college will reserve the full right to open/consider the second envelope if and only if the college is satisfied with information contents in envelope No.1.
31. **The college has the right to accept or reject any tender partly or fully without arising any reason thereof.**

32. The items have to be supplied in standard packing at the premises of Govt. V.Y.T.PG Autonomous College, Durg-491001 Chhattisgarh.
33. In event of any loss, damage, breakage or leakage or any shortage the bidder shall be liable to make good condition such loss and shortage found at the checking/inspection of the supplied Instrument/Equipment. "No extra cost" on such account shall be admissible.
34. The tenderer at the time of final order/agreement will have to furnish **security deposit@3%** of total cost of the items accepted and ordered for supply by the college.
35. The amount of security deposit without any interest there on will be returned to the tenderer after 12 months or the expiry of the warranty period whichever is later from the date of supply subject to the surrender of money receipt in original in respective office.
36. The specimen of "**Agreement Bond**" will be provided along with letter of acceptance to the tenderer whose rate are accepted by the college.
37. Delivery has to be made **within 30 days** from the date of receipt of supply order.
38. **Each item should be strictly as per the specification.** In case of any deviation the college has the right to reject the item.
39. The preferences will be given to the items bearing **ISI/ISO quality control** make for the laboratory instruments/equipment.
40. Installation, successful demonstration of equipment in the respective department is obligatory.
41. The training should be provided by the supplying companies for a minimum period of two days from the date of installation with an expert team.
42. If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges including shipping cost both ways.



43. In case of poor response from the supplier, the items of poor response will be retendered if necessary.
44. Final payment of Instrument/Equipment will be made only after installation and successful demonstration at the respective department of the college.
45. If the tenderer fails to comply with supply order within the specified period his order will be cancelled and EMD will be forfeited.
46. In case of any dispute in respect of the quotation, all legal matters shall be instituted within the jurisdiction of the place where the purchaser ordinarily resides.
47. The tender Notice No. **1569 /GVYTPGAC/TENDER/2019 DT. 22.11.2019** along with the item code number (The item code number is given in the specification sheet against each item) must invariably be quoted in the bid and for further correspondence in this regard.
48. All the Tenders should be addressed to:

**Principal,  
Govt. V.Y.T.PG Autonomous College,  
Durg-491001, Chhattisgarh**

## **Instructions to be followed by the Supplier/Tenderer**

### **(A) Submission of tender bid (sealing and marking of bids)**

Bid should be submitted in two envelopes as mentioned below: -

#### **1. Envelope -1 Technical Bid (duly sealed) should contain**

- (a) Application form (as per Annexure-I)
- (b) Tender fee in the form of demand draft of Rs.700
- (c) EMD of Rs 5000/- in the form of demand draft for each instrument separately.
- (d) Technical bid form (as per Annexure-II) duly filled.
- (e) Copies of all certificate/documents in support of technical Bid.

**Important:-Above (a) to (e) not enclosed , The envelope 2 will not be opened.**

This Envelope should be marked as

**Envelope 1 – “Technical Bid” for Item No.....**

Name and address of the bidder should be clearly written on this envelope.

Signature of Bidder & Seal

#### **2. Envelope –2 Financial Bid (Duly Sealed) Should contain**

- (a) The supplier should quote the rate inclusive of all expenses, charges, taxes, duties, transportation, packing and forwarding, insurance etc.
- (b) The rate in both words and figure without any correction or over writing should be quoted in financial bid.

This Envelope should be marked as

**“Envelope 2 – Financial Bid for item No.....**

Name and address of the bidder should be clearly written on this envelope.

Signature of Bidder & Seal

**3. Envelope –3 (Duly Sealed): Should contain**

- (a) Both Envelope 1&2
- (b) This envelope must bear the following Identifications:
  - (i) Bid for Purchase & Supply of Lab. Equipments/Computer lab furniture for the F.Y.(2019-20) in College Premises.
  - (ii) Bid Reference No. **1569 //GVYTPGAC/TENDER/2019**  
**DT. 22.11.2019**
  - (iii) Name & Address of the Bidder

**OFFICE OF THE PRINCIPAL**  
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No. -----

Date-----

**TENDER APPLICATION FORM**

To,

Principal

Govt. VYTPG(Auto.) College, Durg

Sir,

With reference to your Notice Reference No. **1569/GVYTPGAC/TENDER/2019 DT. 22.11.2019** I am to submit my tender for the supply, installation and maintenance of **Lab Insrtruments/Equipments, Computers/Smart Class Setup/Computer Lab Furniture** accepting the terms & conditions mentioned in the tender document.

**Item no.....**

**Item Name.....**

1	Name of the Bidder/Company name (Person to be contacted)	
2	Full Postal Address	
3	Telephone Nos./Mobile Nos./Fax Nos. name of the Person Post Held	
4	Email ID	
5	PAN No.	
6	GST No.	

7	Bidding submitted for the Brand (Please specify)	
9	EMD Demand Draft No. & date	
	Issuing Bank Details	
	Amount (in INR)	

### **Undertaking**

I, the undersigned certify that I have gone through the terms & conditions mentioned in the bidding document and undertake to comply them.

The rates quoted by me are valid and binding upon me for the entire validity period and it is certified that the rates quoted are minimum and rational as per existing market rate.

I give the rights to the competent authority of the Office of The Principal, Govt. V.Y.T.P.G. Autonomous College, Durg 491001(C.G.) to forfeit the Earnest Money Deposit (EMD)/security Deposit by me/us if any delay occurs on my/agents part or fail to abide by the provision of the bidding document.

I hereby undertake to execute the work/supply order as per direction given in the tender document within stipulated period.

Date :

Place :

**(Signature of the Bidder)**

Name –

Designation –

Registration No. of supplier/tenderer

**(Official seal of the Bidder)**

**TECHNICAL BID****ItemNo.....****Instrument/Equipment/ItemName.....**

		Enclosed Yes/No
1	Name of the Bidder/Company name (Person to be contacted)	
2	Contact address, Telephone No., Mobile No., Name of the Bank, Account Details.	
3	Company/firm Registration No. (Copy to be enclosed)	
4	GST registration certificate/ return certificates for last two years	
5	Experience Certificate in this field (Attach separate sheet)	
6	Income Tax returns for the last two years with PAN No. (Copies to be enclosed)	
7	Audited statement of accounts (P &L account and balance sheet) for the last two years (Copies to be enclosed)	
8	Annual Turnover (In this field)  2017-18 2018-19	Rs. Rs.
10	Certificate of Sole Manufacturer/authorized dealers of manufacturers/authorized supplier	
11	Original catalogs, pamphlets/picture of the appliances offered. Documents in support	

	to reveal capacity to provide service after sale.	
12	EMD Demand Draft No. and date	
	Issuing Bank details	
	Amount (in INR)	
	EMD Exemption certificate (if applicable)	
13	Acceptance of term and conditions of Bidder	

We agree with all the terms and conditions of the tender.

**Name & Signature with Seal of the supplier**

### Annexure-III

#### Format for quoting the rates of the Instruments/Equipments (financial Bid)

Name of the bidder/tenderer .....

Item No.....

Item Name.....

Make/Model No.....

Sr. No	Price details	Price per Unit
1.	Cost of instrument/equipment with essential accessories	
2.	GST payable	CGST
		SGST
		IGST
3.	Packing and forwarding charge up to station of dispatch	
4.	Transportation and insurance charges up to destination	
5.	Installation, commissioning and training charges if any	
6.	Any other charges, if any	
	Total Price inclusive all charges and tax (Sum of 1 to 6)	

Total Bid price in figures.....

In words.....

**Seal and signature of bidder**

Note:-Price should be quoted in prescribed format only as per above.



**Acceptance of terms & conditions of tender (Must be on Letter Head)**

Date:

To,

**The Principal**

**Govt. V.Y.T.PG Autonomous College, Durg (Chhattisgarh) 491001**

Subject: Acceptance of Terms & conditions of Tender.

Tender ref. No.: **No. 1569 //GVYTPGAC/TENDER/2019 DT. 22.11.2019**

Dear Sir,

1. I/We have downloaded/obtained the tender document(s) for the above-mentioned Tender enquiry no. from the Website: [www.govtsciencecollegedurg.ac.in](http://www.govtsciencecollegedurg.ac.in)

2. I/We hereby certify that I/we have read entire terms & conditions of the tender documents from Page 01 to 25 (including all documents like annexure, schedules etc.) which form part of the tender document and I/we shall abide by the terms & conditions/clauses contained therein.

3. The corrigendum(s) issued from time to time by Govt. V.Y.T.PG Autonomous College Durg (Chhattisgarh) to have also been taken into consideration, while submitting this acceptance letter.

4. I/We hereby unconditionally accept the tender conditions of above-mentioned tender document(s)/corrigendum(s) in totality/entirely.

5. In case any provisions of this tender are found violated, Govt. V.Y.T.PG Autonomous College Durg (Chhattisgarh) shall be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely and we shall not have any claim/right against Govt. V.Y.T.PG Autonomous College Durg (Chhattisgarh) in satisfaction of this condition.

6. I/We confirm that we or our Proprietor/Director/Partner have not been blacklisted or debarred or declared ineligible for corrupt/fraudulent practices either indefinitely or for a particular period of time by any Government or other agency. I/we further declare that no criminal case is registered on pending against the firm/company or its owner/partners/directors anywhere in India. Also, there are no contractual restrictions or legal disqualifications or other obligations which prohibit the applicant from entering into tender process.

-

(Seal & Signature of the bidder)

**LIST OF ITEMS TO BE SUPPLIED**

S. NO.	ITEM NAME	ITEM CODE NO.	APPROX. QTY
1	PL SET-UP (SPECTROMETER WITH BUILT IN EMISSION MONOCHROMATOR/SPECTROGRAPH AND SOFTWARE)	ITEM NO. - 1	1
2	VISIBLE SPECROPHOTOMETER	ITEM NO. - 2	3
3	REAL TIME PCR	ITEM NO. - 3	1
4	ELISA READER	ITEM NO. - 4	1
5	ELETRONIC TOP PAN BALANCE	ITEM NO. - 5	1
6	ORE MICROSCOPE WITH PHOTOGRAPHIC ATTACHMENT	ITEM NO. - 6	1
7	DIGITAL pH METER	ITEM NO. - 7	5
8	PHOTOELECTRIC COLORIMETER	ITEM NO. - 8	5
9	POLARIZING MICROSCOPE	ITEM NO. - 9	1
10	RFID TAG	ITEM NO. - 10	40000
11	HF GATE ANTENNA SYSTEM	ITEM NO. - 11	1
12	HF HANDHELD READER	ITEM NO. - 12	1
13	COMPLETE SETUP FOR SMART CLASS ROOMS	ITEM NO. - 13	3
14	DESKTOP PC	ITEM NO. - 14	5
15	COMPUTER LAB FURNITURE	ITEM NO. - 15	FOR 60 COMPUTERS

**Note: -Quantity mentioned above is subject to variation according to actual requirement of the college.**

## Technical Specification

Item no. – 1

Name of Equipment      *PL Set-up (Spectrometer with built in Emission monochromator/spectrograph and software)*

S. No	<i>Technical Specification</i>	
1	<i>Spectrometer with built-in Emission Monochromator/Spectrograph and software</i>	
	<i>USB2000+XRI-ES-FL Make-Ocean Optics</i>	<i>Fluorescence Spectrometer 200-1025 nm, 200u Slit, L4 light collection Lens</i>
	<i>Light Source with Excitation Filter</i>	
2	<i>PX-2 Make-Ocean Optics</i>	<i>Pulsed Xenon Lamp, 220 Hz, 220-750 nm, ~5500 hrs at 50 Hz</i>
3	<i>USB-ADP-PX2 Make-Ocean Optics</i>	<i>Adapter pkg. to connect spectrometer to PX-2</i>
4	<i>LVF-UV-H Make-Ocean Optics</i>	<i>Single High-pass UV Linear Variable Filter, 230-500 nm</i>
5	<i>LVF-CUV-ADP Make-Ocean Optics</i>	<i>Adapter to hold LVF in filter slot of a cuvette holder</i>
	<i>Optical Fibers</i>	
6	<i>P600-I-SR Make-Ocean Optics</i>	<i>Solarization Resistant Optical Fiber Pach Cord, 1 m</i>
	<i>Sample Compartment</i>	
7	<i>CUV-UV-FL Make-Ocean Optics</i>	<i>Cuvette Holder, 1-cm path, for fluorescence, 200-2000 nm ss</i>
	<i>Option for Backscattering Probe for Powders &amp; Solids</i>	
8	<i>R400-7-SR Make-Ocean Optics</i>	<i>Reflection or Backscattering probe 200- 1100 nm</i>
9	<i>RPH-1 Make-Ocean Optics</i>	<i>Probe Holder</i>

**Item no. – 2**

*Item name – Visible Spectrophotometer*  
*Make - Systronics*  
*Model No- Visible spectrophotometer168*  
*(Micro controller based)*  
*Visible spectrophotometer167*

**Item No.-3**

*Item name – Real Time PCR DetectionSystem*  
*Make - Bio-Rad*  
*Model No- CFX96 Touch Real-Time PCR Detection System*

**Item No.-4**

*Item Name- Elisa Reader (Microplate Absorbance reader)*  
*Make- Bio-Rad*  
*Model NO.- iMark™ Microplate absorbance reader*

**Item No.-05**

*Item Name- Top Pan Balance*  
*Make- Shimadzu*  
*Model No- ATX-224 & AX-200*

**ItemNo.-06**

*Item Name-* Trinocular ORE Microscope with photographic attachment  
*Make-* Censico  
*Model No.-* ORE-TN-O-CXL-PHOT-35 MM

**ItemNo.-07**

*Item Name-* Digital pH Meter  
*Make-* Systronics or any other with same specifications  
*Model No.-* Type 335  
*Specifications-* pH range-0 to 14, mV range-0 to  $\pm 1999$ , Resolution-0.01 pH & 1mV in mV mode, Readout-3½ digit LED.

**ItemNo.-08**

*Item Name-* Digital Photoelectric Colorimeter  
*Make-* Systronics  
*Model No.-* Type 112  
*Specifications-* WR-400nm to 700nm With 8 optical filter, measuring mode-%T& Abs, 1ml sample value, 3 digit LED Display, Light source -White Led.

**ItemNo.-09**

*Item Name-* Binocular polarizing Microscope  
*Make-* Censico  
*Model No.-* ORE-BN-O-CXL

**ItemNo.-10**

*Item Name-* RFID Tag  
*Make-* Rapid Radio or any other with same specifications  
*Model No.-* RRHFTO1  
*Specifications-* Chip-I code SLI, Freq-13.56 Hz Read distance-1m, Memory-1024 bits R/W EEPROM, Data retention -10 years, Programming cycle-100000

**ItemNo.-11/**

*Item Name-* HF Gate antenna system  
*Make-* Rapid Radio or any other with same specifications  
*Model No.-* RRHFGA2  
*Specifications-* Operating freq. 13.56Mhz, Power supply-A 0.5C230V/50Hz, Power Consumption 30W Max., Transmitting Power-0.5W to 0.6W, Read range-1m, Communication Interface-RS-232/Ethernet.

**ItemNo.-12**

*Item Name-* HF Handheld Reader  
*Make-* Rapid Radio or any other with same specifications  
*Model No.-* RRHFHH3  
*Specifications-* Operating Freq. 13.56 Mhz, Read Range-Up to 10cm, transmitting power-1W max., communication interface-USB, Touch display, Buzzer, Storage-1GB

**ItemNo.-13**

**Item Name- Complete setup for smart classroom**

**Specifications-Touch Interactive Display including Learning Management Systems, Lecture Recording + Streaming, Virtul White Board with animation tools, shape and handwriting recognition, importing PPT, PDF images, video etc. and multimedia lab tools**

<p><b>Interactive White Board</b></p> <ul style="list-style-type: none"><li>• Active Diagonal Size 2001mm</li><li>• Active Width 1641mm</li><li>• Active Height 1148mm</li><li>• Technology Infrared</li><li>• Display Resolution 32767 x 32767</li><li>• No. of touch points 10</li><li>• Aspect ratio 4:3</li><li>• Response time 8 milli seconds</li><li>• Required Mounts and Accessories</li><li>• To be placed adjacent with Non-Magnetic Green Chalk Writing Board 4X6</li></ul>
<p><b>Projector</b></p> <ul style="list-style-type: none"><li>• Short Throw</li><li>• 1024 X 768 Resolution</li><li>• HDMI : Yes, Audio IN: Yes, Audio Out: Yes, VGA IN : Yes, VGA OUT: YES</li><li>• Required Mounts and Accessories</li></ul>
<p><b>Metal Cabinet</b></p> <ul style="list-style-type: none"><li>• Separately lockable for CPU and Mouse+Keyboard</li><li>• Air Vents for air circulation</li><li>• Wall Mounted</li><li>• Separate room for power backup unit</li><li>• Required Accessories</li></ul>
<p><b>Power Backup Unit</b></p> <ul style="list-style-type: none"><li>• To be placed within the metal cabinet</li></ul>
<p><b>Computer</b></p> <ul style="list-style-type: none"><li>• Normal CPU</li><li>• With HDMI Port</li><li>• i5 Processor</li><li>• 500GB HDD + 128GB SSD</li><li>• 4GB RAM</li><li>• Wireless Mouse+Keyboard</li><li>• Required Accessories</li><li>• DVD RW</li></ul>
<p><b>High quality streaming camera with microphone and DSP</b></p>



**Item No.14**

*Item Name- PCs (Desk Top/All-in one)*

*Make- ACER/HP/ASUS/DELL*

*Specification Corei5 for desk top and core i3 6<sup>th</sup> generation for All in one PCs, 4GB RAM, SATA1TB hard Disk, OS -Windows10 home, DVD R/W, Display 21.5 inch Full HD IPS led backlight, Intel UHD Graphics. Wireless mouse & keyboard, wifi& ethernet, With UPS.*

**Item No.15**

*Item Name- Computer Lab Furniture*

***1. Computer Table***

*Specification Size-5.5'X20'(3 computer in each table), modular ply,*

***2. Modular chair (small size for computer class room)***

*Specification with superior quality and comfort within price of 1200/-*