**Office of the Principal**

**A.D.P. College, Nagaon, Assam (India)**

**SHORT NOTICE INVITING TENDER**

Sealed tenders/quotations affixing non-refundable Court Fee Stamp of Rs. 8.25 (Rupees eight and paisa twenty five) are invited from OEMs/authorized dealers/ farm/suppliers /publishers/contractor (whoever is/are concerned) for- **1)** **supply, installation and commissioning on a turn key basis of Audio – Visual, Acoustic and associated works of ‘Conference Hall’ 2) Supply of Text & Reference Books 3) Supply, installation and commissioning of ‘Digital Library” 4) Renovation works of Old Building ( L N B Bhawan) in ADP College, Nagaon : Assam under RUSA grant**. Details of each category of work and item wise tender can be downloaded from the College website [**www.adpcollege.ac.in**](http://www.adpcollege.ac.in)**.** Quotations will be received within 15(fifteen) days from date of publication of the notice and will be opened on the same day at **3:00** PM***.*** The selection will be made considering price, service conditions and reputation of brand.

 Principal

 ADP College

 Nagaon :Assam( India)

**OFFICE OF THE PRINCIPAL, ADP COLLEGE NAGAON**

**Ref No: ADPC/0150/18-19/RUSA/TEN. Date: 14/06/2018**

**SHORT NOTICE INVITING TENDER**

**Tender invited for : 1)Supply, installation and commissioning on a turn key basis of Audio – Visual, Acoustic and associated works of ‘Conference Hall’**

The quotations will be received by the undersigned on or before ***2:00 P.M on the last date*** and will be opened on the same date at ***3:00 P.M.*** in the presence of the bidders or their authorized agents. (not mandatory)

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| --- | --- | --- |
| **NAME OF WORK** | **ESTIMATED AMOUNT** | **TIME OF COMPLETION** |
| **Supply, Installation and Commissioning of Audio-Visual, Acoustic and Associated works for Seminar Hall.** | **Maximum Amount** **18 Lacs (Eighteen Lacs)**  | **One Month from the date of Work Order** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SL NO | DESCRIPTION OF WORK | MATERIAL SPECIFICATIONS | QTY | Price for Quotation  |
|  |  |
| 1 | Acoustic Treatment for Ceiling | Cement Fibre ElegantTile 595x595x5mm with square edge density1100kg/m3 covered with absorbtive microfiber coating on the front side and Acoustics fibre on the back side, thus making it acoustically absorbtive, water resistance, fire resistant NRC upto 0.71 at 100 Hz tested as per ISO 354. The tiles are anti sag and are to be installed on T24 grid system of 0.6mm thick, Main ‘T’ length minimum 3000mm, web minimum 35mm to be placed at 600mm centre to centre and secondary cross ‘T’ of length 600mm, web minimum 35 mm, inter locked, Wire Support for Main T to be taken at every 1200mm length wise and 600mm width wise,Specially designed for Acoustic Vibration management and long life. | 1 Job |  |
| 2 | Wall Paneling | a) 19mm ISI Marked W/P Plywood Frame Structure with 6mm ISI Marked W/P with all fittingsb) 1mm Laminate of Dark Colour of reputed ISI Marked Brand with fevicol and other materials | 1 Job |  |
| 3 | Construction and Installation of furniture consisting of Table with Bench for sitting | 1. Constructed using 19mm ISI Marked W/P Plywood finished with 1mm Laminate of a reputed brand with all fittings

b) Each Table will have 4 nos 5 Amp Plug points with required wiring | 1 Job |  |
| 4 | Construction and Installation of furniture Consisting of Dias Table for sitting | 1. Constructed using 19mm ISI Marked W/P Plywood finished with 1mm Laminate of a reputed brand
2. Each Table will have 4 nos 5 Amp Plug points with required wiring.
 | 1 Job |  |
| 5 | Construction and Installation of stage of seminar hall. | Constructed using 19mm ISI Marked W/P Plywood with all fittings | 1 Job |  |
| 6 |  Vinyl Flooring | 1. Thickness of 1mm or more
2. Anti Slippery Surface
3. Abrasion Resistant Wear Layer
 | 1 Job |  |
|  7  | Audio Solution |  **7.1 Wall mounted Speaker****Electrical Specs****Description:** Premium‑sound Cabinet Loudspeaker**Maximum power:** 22.5 W **Rated power (PHC):** 15 W **Power tapping:** 15 / 7.5 / 3.75 / 1.9 W **Sound Pressure Level at rated power / 1W:** 98/86 dB (SPL) **Effective frequency range (-10 dB):** 95 Hz to 19.5 kHz **Opening angle at 1 kHz / 4 kHz (-6 dB):** 179° / 101° (hor.)  168° / 35° (ver.) **Rated input voltage:** 11/70/100 V **Rated impedance:** 8 / 326 / 667 ohm **Transducers:** 101.6 mm (4”) woofer, 13 mm (0.51 “) dome **Connection:** 2 m (78.8 in.) two‑wire  \* Technical performance data acc. to IEC 60268‑5**Mechanical Specs****Dimensions (H x W x D):** 205 x 136 x 117 mm  (8.07 x 5.35 x 4.60 in)**Weight:** Approx. 1.9 kg (4.18 lb) **Color:** Charcoal (RAL 7021) **Certifications and approvals**Safety : acc. to EN 60065Water protection : acc. to EN 60529 IP x4Self extinguishing : acc. to UL94 V 0The cabinets include a built‑in transformer that offers a selection of nominal fullnpower, half power, quarter power or eight power radiation (i.e. in 3 dB steps) for 70 V, 100 V or 8 Ohm bypass.Selection is done by a convenient switch on the rear enclosure.A two meter long twin‑core loudspeaker cable (in matching color with the cabinet) is connected to the loudspeaker. The core ends are stripped ready for use. The cabinets can be mounted horizontally to allow the loudspeaker to be directed up or down, or vertically to allow left and right rotation by means of a steel U-sha- ped wall bracket (standard supplied). The rotatable logo can be easily adjusted to match the mounting orientation.**7.2 Mixer Amplifier****Features**4 microphone / line inputs, plus music source inputAnnouncement only output, 3‑wire volume overrideWide range of output power (60, 120 and 240 Watts)2‑tone chime**Electrical****Voltage -EU versions:** 230 VAC ±10%, 50/60 Hz (reduced power at lower mains voltage)**Inrush current:** 12 A**Power consumption:** 800 VA**Frequency response (Line):** 60 Hz to 20 kHz (+1/‑3 dB @ ‑10 dB ref. rated out- put)**Frequency response (mic):** 70 Hz to 20 kHz (+1/‑3 dB @ ‑10 dB ref. rated out- put)**Distortion:** <1% @ rated output power, 1 kHz**Bass Control:** Max. ± 8 dB**Treble Control:** Max. ± 8 dB**Mic./Line input**: 4 x**Input 1 (push-to-talk contact with priority):** 5‑pin Euro style, balanced, phantom**Input 2:** 3‑pin Euro style, balanced, phantom**Input 3 and 4:** TRS Jack (1/4, 6.3mm) balanced**Sensitivity:** 1 mV (mic.); 300 mV (line) **Impedance:** >1 kohm (mic.); >5 kohm (line)**Dynamic range:** 93 dB**S/N (flat at max volume):** >63 dB (mic.); >70 dB (line)**S/N (flat at min volume/muted):** >75 dB**CMRR (mic.):** >40 dB (50 Hz to 20 kHz)**Headroom:** >25 dB**Speech filter:** -3 dB @ 315 Hz, high-pass, 6 dB/oct**Phantom power supply:** 16 V via 1.2 kohm (mic.)**Connector:** Cinch, stereo converted to mono**Sensitivity:** 200 mV**Impedance:** 22 kohm**S/N (flat at max volume):** >75 dB**S/N (flat at min volume/muted):** >80 dB**Headroom: >**25 dB**Max / rated :**  360 W / 240 W**Connector:** Screw terminal, floating**Loudspeaker output /4ohm:** 31 V (240 W)**Mechanical****Dimensions (H x W x D):** 100 x 430 x 270 mm (19" wide, 2U high)**Mounting:** Stand-alone, 19" rack**Color:** Charcoal**Weight:** Approx. 10.5 kg**Environmental****Operating temperature:** -10 ºC to +45 ºC**Storage temperature:** -40 ºC to +70 ºC**Relative humidity:** <95%**Acoustic noise level of fan:** <48 dB SPL @ 1 m**7.3 Podium Gooseneck Microphone****Features**1. The microphone should have multi pattern versatility, it should be able to choose between omni, cardioid, supercardioid and hypercardioid to easily adapt to any situation.
2. Consistent microphone voicing across all four patterns'.
3. Switch can be programmed to operate as either latching on/off or momentary push to mute/push to talk.
4. Compatible with echo cancellation for conference applications.
5. High Visibilty LED to clearly display mic status to the user.

**Technical Specifications****Generation Element:** Dual Condensor , back electret**Frequency Response:** 50 Hz to 20000 hz**Polar Patterns:** Omni directional, Cardioid, Supercardioid, Hypercardioid**Switches and Controls:** Top mounted momentary push button**Sensitivity, Open Circuit, Voltage , 1 Khz:** 5.6 Mv/Pascal**Clipping Level (1% THD):**> 135 Db SPL**Dynamic Range:** > 109 Db**Equivalent Noise**: < 26 Db SPL A Weighted**Ouput Impedance:** 200 ohms**Power Requirements:** 12- 52 VDC**Current Consumption:** < 8 mA with P12 supply**Polarity**: Pin 2 positive , referenced to pin 3 with positive pressure on diaphragm**Gooseneck Length:** 18 to 18.5"**Accessories included:** Windscreen**Colour:** Non reflecting Black**7.4 Speaker Wire** | 4 1 3As Required  |  |
| 8 | Supply and Installation of Electrical Wires for Electrical wiring of lights and Airconditioner with Circuit Breakers | Branded electrical wires and fittings |  1 Job |  |
|  9 |  Lights and Fixtures | **9.1 2 X 2 LED Ceiling Lights White****Specifications:**CRI > 80Power Factor >0.95THD(%) < 20%Operating Voltage 100 – 300Surge Protection >2.5 KVWorking Temp -10 deg C to 45 deg C**9.2 6 Watt LED Panel** with 6.5k color temperature | 510  |  |
| 10 | Vertical Blinds |  Window Size | As required |  |
| 11 | Projector and Accessories | * Brightness: 3100 lumens
* Contrast ratio: 16000:1
* 0.59" 1280 x 800 LCD panel
* Resolution: 1280 x 800 (WXGA)
* HDMI in
* 1.2X Zoom Lens
* USB Memory Viewer
* USB Display
* 10W built in speaker
* Optional item ET-WML100 wireless module for wireless projection
* Panel Type: 0.59" LCD x 3
* Lamp: 230W x 1
* Brightness: 3,100 lumens
* Lens: F2.1-2.25, f19.11-22.94mm
* Contrast (Full on / Full off): 16000:1
* Resolution (Native / maximum): WXGA

 Motorized Screen Ceiling Mounting kit | 111 |  |
| 12 | Air Conditioning | Branded Split AC of 1.5 Ton Capacity (3 - 5 star rating) including installation | 3 |  |

**TERMS FOR THE BIDDER**

1. No separate quotation paper will be issued from the office. Quotation may be download from the College website [**www.adpcollege.ac.in**](http://www.adpcollege.ac.in)
2. Their bidder must have working experience of similar nature of the work in a minimum of three reputed organizations.
3. Authorization Certificates - The dealer should provide valid MAF/Authorisation certificate of OEM clearly suggesting the authorization to the dealer without which the tender of bidder will be deemed cancelled
4. The bidders are requested to inspect the site of work and acquaint about the site conditions and rules and regulations before quoting the rates.
5. Bidder should submit a detail layout and interior design plan of the seminar hall along with the tender.
6. The tenders will be liable to be rejected if;
7. If the tenderer does not quote for any item/sub-item in the tender.
8. If the tenderer proposes any alterations to any of the conditions laid down or proposes any other conditions of any description whatsoever.
9. The bidder firm must have proper PAN & GSTIN and copy of the same shall have to be enclosed with the quotations.
10. The rate quoted shall inclusive of all taxes, forest royalties or any dues payable to Govt. of Assam.
11. Preference will be given to the experiences firm/ contractor for acoustic and audio-visual works
12. The quotation should be addressed to the “Principal, ADP College, Nagaon – Pin:782002 superscribing the Quotation Notice Number on the envelope.
13. The bidder should deposit 2% of the quoted value as **Earnest Money Deposit** along with the tender.
14. The bidder firm must have proper PAN & GSTIN and copy of the same shall have to be enclosed with the quotations.
15. The rate quoted shall inclusive of all taxes, forest royalties or any dues payable to Govt. of Assam.
16. Preference will be given to the experiences firm/ contractor for acoustic and audio-visual works
17. The ADP College reserves the right to accept or reject any or all the quotations without assigning any reason.

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**Details of 2) Supply of Text & Reference Books**

**Sealed Quotations affixing court fee stamps of Rs 8.25( Rupees eight and paisa twenty five only) are invited from interested Firm/ Supplier for supplying Text & Reference Books( List of books will be issued later to selected firm/publisher) to be purchased under RUSA grant. The selection will be made considering financial norms such as discount rate as well as reputation/experience of firm/publisher etc.**

Terms and conditions for supply of Books:

1. The books shall be supplied as per list given by the college authority
2. Delivery of books shall be completed within 30 days from the placement of the order. Carrying charge to be borne by the firm/ Supplier
3. Books should be of latest edition. For foreign publication books price should be at per with the GOC (Good Office Committee).
4. The books shall be in good condition.
5. Any anomalies in supply of books or price variation or wearing / tearing of supplied items will not be entertained and the college authority has the right the cancel the order.
6. The Farm/Publisher should contain the price schedule as per format given below

 **Table :Price schedule: Supply of books, journals, etc.**

 **Maximum Amount : 7 Lacs (Seven Lacs)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.no. | Item name/Description | Publications | Qunty | Unit rate | Total cost | Discount | Others(If any) | Actual cost |
| 1 | Text Books | International /National |  |  |  |  |  |  |
| Regional |  |  |  |  |  |  |
| Local |  |  |  |  |  |  |
| 2 | Reference Books | International /National |  |  |  |  |  |  |
| Regional |  |  |  |  |  |  |
| Local |  |  |  |  |  |  |
| 3 | General Books | International /National |  |  |  |  |  |  |
| Regional |  |  |  |  |  |  |
| Local |  |  |  |  |  |  |
| 4 | Journals | International /National |  |  |  |  |  |  |
| Regional |  |  |  |  |  |  |
| Local |  |  |  |  |  |  |
| 5 | Others | International /National |  |  |  |  |  |  |
| Regional |  |  |  |  |  |  |
| Local |  |  |  |  |  |  |

**Details of 3) Supply, installation and commissioning of ‘Digital Library”**

**List of required equipment for Digital Library:**

 **Maximum Amount : 7 Lacs ( Seven Lacs)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Item** | **Quantity** | **Price for Quotation** |
| 1 | SERVER( Med. range) | 1 |  |
| 2 | Desk Top PC | 3 |  |
| 3 | N Computing Device | 3 |  |
| 4 | Scanner | 1 |  |
| 5 | Local Area Networking including 4U Reck, IO Box, Cat 6 cable et. | 1 |  |
| 6 | IR Software (Dspace) installation, customization, Manpower support. Integration of SOUL software to IR and make it compatible for campus and remote access of the database/IR | 1 |  |
| 7 | 5 KVA offline /online UPS | 2 |  |
| 8 | LCD Projector | 1 |  |
| 9 | LCD 32 inch Monitor | 1 |  |
| 10 | Furniture etc. |  |  |

**TERMS FOR THE BIDDER**

1. No separate quotation paper will be issued from the office. Quotation may be download from the College website [**www.adpcollege.ac.in**](http://www.adpcollege.ac.in)
2. The Farm / Supplier must have the experience of installing of digital library IR al least five Colleges in Assam. They have to produce/ submit the Contract/Installation certificate from the concerned colleges.
3. There must be two years of free support service (D-Space software) when it is required
4. Their bidder must have working experience of similar nature of the work in a minimum of three reputed organizations.
5. Authorization Certificates - The dealer should provide valid MAF/Authorisation certificate of OEM clearly suggesting the authorization to the dealer without which the tender of bidder will be deemed cancelled
6. The bidders are requested to inspect the site of work and acquaint about the site conditions and rules and regulations before quoting the rates.
7. Bidder should submit a detail layout and interior design plan of the Conference hall along with the tender.
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16. Preference will be given to the experiences firm/ contractor for acoustic and audio-visual works
17. The ADP College reserves the right to accept or reject any or all the quotations if
18. The ADP College reserves the right to accept or reject any or all the quotations without

assigning any reason.

**Details of 4) Renovation works of Old Building ( L N B Bhawan) in ADP College, Nagaon: Assam(India) under RUSA grant. (Maximum Amount : 8.5 Lacs )**

**N:B : Detail will be uploaded shortly after receiving the TS from the APWN .**

Uploaded on Principal

 ADP College

Date : 14-06-2018 Nagaon :Assam( India)