



# G. B. PANT ENGINEERING COLLEGE

PAURI GARHWAL – 246194 (Uttarakhand)

(An Autonomous Institute of Government of Uttarakhand)

सदरर्भ 2505/Adv./Tender/2017-18

Tender Cost with Vat 1150/

Tender for the supply of	<b>Turnkey Project for the Supply, Installation, Testing and Commissioning of Audio, Stage ,Light &amp; Stage Furnish System</b>
Quantity	As specified
Delivery Place	G.B. Pant Engineering College, Pauri-Garhwal, Uttarakhand.
Duration of Supply	Within 07 days
Estimated Cost	Rs 45 Lac
Earnest Money	Rs 90,000/- as FDR/TDR/CDR in favour of Principal, G. B. Pant Engg. College, Pauri payable at Pauri and will be treated as security money for at least 45 days.

Signature of Issuing Authority

Signature of the Applicant with Seal



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PAURI GARHWAL – 246194 (Uttarakhand)

*(An Autonomous Institute of Government of Uttarakhand)*

“Please carefully go through this document and ensure compliance. Non-compliance of any one of the conditions may make your offer invalid.”

Tenderer's Reference No.....		Date:
1.	Tender for the supply of	<b>Turnkey Project for the Supply, Installation, Testing and Commissioning of Audio, Stage ,Light &amp; Stage Furnish System</b>
2	Quantity and Specification	As mentioned
	Address	
		Telephone No.
3	Estimated Cost	
4	Earnest Money No.	
	(a) Amount	
	(b) FDR/TDR/CDR No. & Date	

**Note:-**

1. Cost of Tender form is Rs. 1150.00 (with VAT) payable in the form of Demand Draft in the name of Principal, G.B. Pant Engineering College payable at Pauri- Garhwal for Unregistered firms. The registered firms need not to pay the cost of Tender form.
2. Earnest money should be pledged in the name of Principal, G.B. Pant Engineering College payable at Pauri- Garhwal in the form of Demand Draft or Fixed Deposit Receipt or Bankers Cheque.
3. The bid security is normally to remain valid for a period of 45 days beyond the final bid validity period and the period may also be extended.

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Tenderer's Reference No.....		Date:
1.	Application for the supply	
2.	Name of the Tenderer	
	Address	
3.	Telephone No.	Fax No.
		Mobile
		E-mail
4.	Earnest Money	
	(a) Amount	
	(b) FDR/TDR/CDR No. & Date	
5.	Status of the applicant (Whether manufacturer/authorized Indian stockist/dealer)	
6.	Sales Tax Registration No. & date	
7.	Income Tax PAN No.	

8.	ISO/ISI award letter No.  (in case it is awarded to the firm)	
09	Turnover: 2015-2016  2016-2017	Rs.....  Rs.....
10	Please certify that you are not blacklisted by any Department of Central/State Govt./G.B. Pant Engg. College, Pauri or any Organization	An affidavit is to be attached.
11	Details of Clients (to be enclosed)	
12	Detail of single largest order complied during last year	
	9. Name of client & address	
	(b) Amount	
13	Indicate whether after-sales service available (especially in Uttarakhand)	
	(a) No. of Engineers and other Technical Staff	
	(b) No. of Vendors	
	(c) No. of Service Stations and their locations	
14	Nearest dealer's name and address	
15	Please enclose separately the technical specification of the product for which tender rates are submitted	

**PLEASE ATTACH THE FOLLOWING DOCUMENTS:-**

1. Earnest Money (FDR/TDR/CDR)
2. Authorisation from certificate from the manufacturer in case of dealer specific to the tender.
3. Sales tax/VAT registration certificate
4. Central Sales Tax/VAT registration certificate if any
5. Latest sales tax return
6. Year-wise turn over for the last three years supported by pertinent portion of balance sheet duly authenticated by C.A/ Competent authority
7. Terms & conditions duly signed by the tenderer
8. Any other literature or information the applicant desires to furnish
10. Notarized affidavit regarding non-blacklisting

**NOTE:**

1. Before sending/submitting the application, the applicant should read carefully the attached general terms & conditions.

**Signature of Issuing Authority**

**Signature of the Applicant with Seal**

**Turnkey Project for the Supply, Installation, Testing and Commissioning of  
Audio, Stage ,Light & Stage Furnish System**

**PRE-QUALIFICATION CRITERIA**

The Bidder should have past experience in implementing similar work. The OEM and Authorized Dealer must possess the requisite experience, organizational strength and capabilities in providing the services necessary to meet the requirements as described in the document. Keeping in view the complexity & volume of the work involved, the following criteria are prescribed as pre-qualification criteria for bidder interested in undertaking the project. The OEM and Authorized Dealer must possess the technical knowhow and the financial strength that would be required for successful implementation of the project and support services sought by Department for the entire period of the contract.

**For this purpose bidder should qualify the following Eligibility Criteria:**

- 1) The Bidder should be reputed OEM of Audio and Stage Light & Furnishing Systems components like Speakers, Amplifiers, Digital Signal Processors, Wireless Microphones, Stage Lights, Dimmer Pack, Light Console and stage furnishing, etc having well established infrastructure in India with their own sales and service center in India or their such Authorized System Integrator duly authorized by the OEM for the exclusive purpose of participation in this tender.
- 2) The Bidders should have specific Authorization from OEM of
  - Speakers
  - Amplifiers
  - Digital Signal Processor
  - Wireless Microphones
  - Stage Lights
  - Electronic Dimmer
  - Light Controller
  - Stage Furnishingfor exclusive purpose of Participation in this tender.
- 3) The bidder shall do the site visit and shall clearly submit the compliance of the tender specification as a part of Technical Bid. Any bid without the compliance and the datasheet of the model number proposed shall be liable to be rejected.
- 4) The bidder should have branch office /service center in Utrakhand State since the last 2 years, copy of Govt. registration, to prove local establishment as branch office/service center shall be enclosed.
- 5) The Bidder shall not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government agencies.
- 6) The bidder should furnish Commercial Tax (CST / VAT) Registration Certificate, Service Tax Registration Certificate and Permanent Account Number (PAN) along with last three years returns filed duly attested shall be attached with the offer.

Notes:-

1. Technical bid & Price bid of the agency's who fulfill the above pre-qualification criteria shall be opened.

## GENERAL TERMS & CONDITIONS

1. Sealed tenders are invited by the Principal, G.B. Pant Engineering College Pauri-Garhwal for renovation & modernisation of existing Setup at Auditorium” (As per Enclosed Specification).
2. The last date for tender submission is **21.04.2017 up to 11.00 AM** and will be opened on the same day at **11.30 AM**. The tender received after the due date and time will not be accepted. Downloaded Tender Form should be accompanied by the demand draft of Rs. 1150.00 (with VAT) in favour of Principal, G.B. Pant Engineering College Ghurdauri, Pauri Garhwal payable at Pauri.
3. Sealed Tenders are to be submitted in tow bid pattern i.e. **Technical Bid & Financial Bid** in two separate sealed covers distinctly marked accordingly and sealed inside another sealed envelop, which should be duly subscribed **“renovation & modernisation of existing Setup at Auditorium”** with tender Notice reference No, Description, Due and time. **Financial Bids** only those tenderes shall be opened who qualify in the technical bids.
4. Only Authorised Dealer in uttrakhand of the product quoted will be considered
5. Rates quoted must be F.O.R. G. B. Pant Engg. College, Ghurdauri, Pauri Garhwal. The rates must include packing, forwarding and transit insurance charges. The same should be insured against theft, loss, damage and/or breakage during transit by the supplier before dispatch is made. The responsibility in this respect will be of the supplying firm and not of the college.
6. Payment shall be made from the date of receipt of goods in proper/satisfactory/working condition.
7. Tender documents must be submitted consisting of notice inviting tender, tender form, general terms & conditions of supply, schedule of quantities duly filled, completed & signed by the tenderer.
8. The tender should be submitted along with an FDR/TDR/CDR as Earnest Money in favour of Principal, G.B. Pant Engineering College, payable at Pauri. Tender without proper earnest money shall not be considered. No cheque shall be accepted. Earnest Money deposited earlier, if any, shall not be considered. The FDR should be drawn from the account of tendering firm; otherwise, the same shall be rejected. FDR/TDR/CDR issued in personal name shall not be accepted.
9. Bid Security will be liable to be forfeited, if the tenderer withdraws or amends/impairs or derogates from the tender in any respect within the period of validity of his tender.
10. The Earnest Money Demanded (EMD), so deposited with tender, will be treated as performance security at least for 45 days.
11. The purchaser has the right to forfeit performance security in case of any breach of contract committed by the supplier.
12. The supplier will have to attach a certificate to the effect that the material to be supplied will be of the specifications conforming to the standard of the item specified in the attached schedule.
13. Supply of ordered material should be/is required to be completed within stipulated date/time from the date of issue of purchase order, failing which the College reserves the right to forfeit the earnest money and cancel the order. Part supply shall not be accepted normally. However, in genuine cases, permission may be granted.
14. The supplier should quote clearly in figure and in words the rate and amount tendered by him. The amount of each item should be worked out and requisite totals given including all charges F.O.R. destination.
15. Trade/Sales Tax/VAT or any other tax or other charges on the material, which has not been mentioned while quoting their rates, shall not be paid by the College under any circumstances.
16. The tenderer should enclose the recent copies of the purchase order. If the tenderer has supplied the tendered items at the cost below the quoted rates in the recent dealing, then the tender will be automatically cancelled and EMD will be forfeited.

17. The terms & conditions given by the supplier will not be binding on us. Conditional tenders shall be rejected at the sole discretion of the competent authority of the College.
18. The manufacturer should mention their address of manufacturing unit so that the site may be inspected, if required.
19. In case of supply order being placed on you: "As time is the essence of this order, the date of delivery should be strictly adhered to; otherwise, the College reserves the right not to accept delivery in part or full and claim the liquidated damages at the rate of 1% per week subject to a maximum of 10% of total value of the supply order."
20. A tenderer shall not submit more than one tender for the same set of schedules.
21. The tenderer shall, at all times, assure the purchaser, at no cost to the purchaser, against all third party claims of infringement of patent, trademark or industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in his offer.
22. The tender so submitted shall be governed by the laws of India and be interpreted in accordance with such laws.
23. In case of any dispute arising in process of the tender, the matter shall be referred to the sole arbitrator who in such cases shall be the Principal, G.B. Pant Engineering College, Pauri and whose verdict shall be binding on both the parties.
24. The tenderers may be called for technical discussion by the purchase committee duly constituted or nominated by the Principal.
25. The tenderer must supply the goods/items according to the specifications given in the tender.
26. The acceptance of a tender will rest with the College who does not bind itself to accept the lowest tender and reserves itself the authority to reject or partially accept, any or all the tenders received without assigning any reason.
27. The College reserves the right to place order for the scheduled quantity and/or part thereof.
28. Tenders are likely to be rejected in case the same are not conforming to the laid down terms and conditions.
29. The tenders may be dropped in the Tender Box kept in the office of Registrar by due date & time. The tender may also be sent or submitted through post or courier. The tenders received after the due date & time are liable for rejection. The College shall not be responsible for receipt of tenders after due date, due to postal delays or any other reason whatsoever.
30. The validity of rates shall be 120 days from the date of opening of technical bid/offer.
31. The supplier should invariably incorporate guarantee/warranty clauses in his offer wherever applicable. While incorporating guarantee/warranty clause, nature & duration should be specifically mentioned.
32. If during the currency of the contract, the price(s) of the contracted stores falls, the supplier shall have a binding to charge the prevailing lower rates against the higher contract price. However, the purchaser is not liable to compensate the supplier for any hike in the contract price during the contract period.
33. Free replacement will be made against defective/damaged supplies by the firm/supplier at their own cost & risk.
34. Supplies will be strictly as per brand/specifications as specified in the purchase order. Container and product must bear the same brand name, lot no., batch no., date of manufacturing and date of expiry, etc., as the case may be. Substandard supplies shall be rejected outright and the supplier shall be held responsible to make the goods loss so incurred and the College shall take necessary action against the firm/supplier, as deemed fit.
35. The consignment shall be booked always in favour of the consignee only and as per instructions mentioned in the purchase order.
36. In case the due date is declared holiday, the tender shall be opened on the next working day at the same time.
37. The tenderer must ensure that all the entries are made by one person, using same ink and without any cutting and overwriting. If there is any cutting, it should be countersigned.



38. If the firm is given purchase order for supply of any goods. The sample will have to be shown to the college before the supply. The college may make changes in the sample on the basis of specification. The supply shall be done to the college after the sample is approved by the college.

**Signature of Issuing Authority**

I have read the above terms & conditions and the instructions attached herewith and understood them carefully and agree to abide by the same.

**Signature of Tenderer with Seal**

## 1. SPECIFICATION FOR STAGE FURNISHING & STAGE LIGHTING

S.No	Description	Qty	Unit
1	Main motorized curtain with fixing railing track, fixing brackets, runner, master runner, 3mm rope wire, 1HP Crompton Motor, drum with groove cutting, pulleys, 2 No air breaker switch (L&T, Siemens, GE make or eqv) for reverse & forward, 2 No air micro switch for auto stop, 3 No push button for Open/ Stop/Close position. Existing Curtain to be used.	1	Nos
2	Middle motorized curtain with fixing railing track, fixing brackets, runner, master runner, 3mm rope wire, 1HP Crompton Motor, drum with groove cutting, pulleys, 2 No air breaker switch (L&T, Siemens, GE make) for reverse & forward, 2 No air micro switch for auto stop, 3 No push button for Open/ Stop/Close position. Existing Curtain to be used.	1	Nos.
3	Rear/Back motorized curtain with fixing railing track, fixing brackets, runner, master runner, 3mm rope wire, 1HP Crompton Motor, drum with groove cutting, pulleys, 2 No air breaker switch (L&T, Siemens, GE make) for reverse & forward, 2 No air micro switch for auto stop, 3 No push button for Open/ Stop/Close position. Existing Curtain to be used.	1	Nos.
4	Additional Back Curtain with Black cotton/satan cloth with Rope wire and ring arrangement for rear to be fixed before cyclorama for putting banners, etc.	1	Nos
5	LED PAR Lights: 54 LEDs 3W 15° (18 red, 18 green and 18 blue), digital display, dimmer manual mode, running, strobe, speed adjustable, adjust the data with a power saving, boot automatically recover data, DMX 512 protocol - 8 DMX channels, Main dimmer, RGB color changing, Strobe effect, Auto play with internal programs, Master/Slave function, Stand alone mode, Power supply: AC 100V-AC240V 50/60 Hz, Light power connect maximum range 15pcs to 30pcs, Consumption: 150W.	54	Nos
6	24 Channel Control panel consisting of sub masters, manual controls with 2 sub masters, 1 master fader, blinker switches, effects control, DMX output.	1	Nos.
7	Digital Light Controller for LED Lights: Digital Universal DMX 512 controller able to control upto 40 units. Each unit with maximum of 36 channels. Total of 512 DMX Channel. Able to control dimmer pack with maximum of 192 channels. 40 programs or chases, presets. Able to use 4 programs, 4 chases, 4 presets at same time. Internal unit library, able to create new unit library in controller. Able to backup or update to/from PC with RS232. MIDI input/MIDI output. Internal Mic or sound input. (Pilot 2000)	1	Nos
8	Supply of DMX Splitter 1 in 8 out	2	Nos.
09	Supply of DMX cable	200	Mtr.

<b>S.No</b>	<b>Description</b>	<b>Qty</b>	<b>Unit</b>
10	Supply of Electronic dimmer wall mount type 12ch x 4kw Auto sensing of supply voltage (140-260VAC) Automatic supply frequency tacking 40-60HZ, Liner dimming curve, Neon Load present indicators High quality RF noise suppression, Radio frequency interference suppression to better than BS-800 guidelines, 12 channels- 99.5% duty circle, Singl, Dual or three operation, phase monitoring Neon, Control signal monitoring LEDs. 0-10 Volt control input by one 8- pin Din socket, Soft start function at power up, lamp pre-heat level selector for longer lamp life, individual channel test controls, individual channel blown fuse indicators, Individual channel status indicators.	2	Nos.
11	Supply of 3 core 2.5sqmm cable for wiring (ISI Mark)	800	Mtr
12	Supply of cable tray 40x100x40 16swg duly painted	90	Mtr
13	Supply of socket box with 15 Amp, multi socket to be fixed on lighting bar/grid/ ladder	50	Nos.
14	Repair and maintenance of Existing PAR Light, Spot, Fresnel, Hylogen, Profile Light (Change of Lamps, Sockets, Lens, etc as required).	50	Nos

## 2. Repair/ Replacement of Ceiling Acoustic

<b>S.NO.</b>	<b>Description</b>	<b>Rate Per SqFt</b>	<b>Unit</b>
1	Glass Wool 16 density 50 mm with hazzel cloth	As per Actual	
2	Side covering with MS wire mesh framing above ceiling for protection	As Per Actual	
3	Repair of Existing Ceiling	As per Actual	
4	Labour Charges including freight of layig Glass wool and hazel cloth	As per Actual	
5	Labour Charges for MS wire mesh framing	As per Actual	

### 3. SPECIFICATION FOR SOUND REINFORCEMENT SYSTEM FOR AUDITORIUM

S.No	PARTICULARS	QTY	UNIT
1	<b><u>FOH SPEAKER SYSTEM:</u></b> Dual 15" two way speaker with frequency response of 75Hz to 16 kHz; frequency range of 55Hz-19kHz: nominal coverage of 90 degree H X 50 degree V; power handling of 600 watts continous, 1200 watts program , 2400 watts peak; SPL maximum 134, 4 ohms nominal impedance. SonicGuard for protection to high frequency driver from excess power.	2	
2	<b><u>BRACKET FRAME:</u></b> Bracket <b>frame</b> for FOH and Balcony Speaker System.	4	
3	<b><u>SPEAKER SYSTEM FOR BALCONY:</u></b> 15" two way speaker with frequency response of 75Hz to 16 kHz; nominal coverage of 90 degree H X 50 degree V; power handling of 300 watts continous, 600 watts program , 1200 watts peak; SPL maximum 129, 8 ohms nominal impedance.SonicGuard for protection to high frequency driver from excess power.	2	
4	<b><u>SUB WOOFER SPEAKER SYSTEM:</u></b> 18" bass - reflex <b>Subwoofer;</b> Frequency Range 35 Hz - 300 Hz ;Frequency Response 75 Hz-16 kHz;95 dB SPL(1w@1m); 800 watts Continous, 1600 Watts Program, 3200 Watts Peak,. Max SPL 130 dB., 8 ohms nominal impedance.	2	
5	<b><u>STAGE MONITOR SPEAKER SYSTEM:</u></b> 15" two way speaker with frequency response of 75Hz to 16 kHz; nominal coverage of 90 degree H X 50 degree V; power handling of 300 watts continous, 600 watts program , 1200 watts peak; SPL maximum 129, 8 ohms nominal impedance.Sonic Guard for protection to high frequency driver from excess power.	4	
6	<b><u>CONTROL ROOM MONITOR SPEAKERS:</u></b> 8" Powered Monitor Response 37Hz-24 kHz Peak SPL 112 dB.	1	
<b>Amplification, Processor, Mixing Console.</b>			
7	<b><u>DIGITAL POWER AMPLIFIER:</u></b> Dual Channel Amplifier 1000 Watts @ 2 ohm, 800 W @ 4 ohm, 475 watts @8 Ohms per channel ; THD < 0.5% with 1 kHz; front screen LCD, inbuilt DSP like crossover, EQ, Limiting, delay and a Subharmonic synthesizer. (For FOH Speaker System, balcony speaker, Monitor Speaker & Subwoofer Speakers)	05	
8	<b><u>PROCESSOR:</u></b> Input (3) analog line inputs/(2) AES digital inputs (shared connectors), (1) RTA mic input, Input Connectors (3) female XLRs (2 selectable between analog/AES digital audio formats), (1) female XLR RTA mic input, Input Type Electronically balanced/RF filtered Input Impedance > 30 kΩ, balanced line to line Max Input Level (line inputs) > +28 dBu, balanced, ≤1% THD CMRR > 50 dB @ 1 kHz, RTA Mic Preamp Phantom Power +48 VDC, Output (6) Line Outputs Output Connectors Male XLR Output Type Electronically balanced, RF filtered Output Impedance 120 Ω, balanced line to line Max Output Level +22 dBu, balanced, ≤1% THD.The 360 to its full potential by providing a menu based setup procedure that includes system setup and configuration,auto-EQ and advanced feedback suppression(AFS)	1	

S.No	PARTICULARS	QTY	UNIT
09	<b>DIGITAL MIXING CONSOLE:</b> 32 Mono input frame sizes; upto 66 inputs with external stage box; 6 stereo channels; 20 Aux busses to 14 mixes; user assignable fader layers; 4 assignable input loops; 4 FX busses. 4 mono or stereo matrix busses; L/R and mono busses; 4 stereo Lexicon effects engines; 4 mute groups.	1	
10	<b><u>WIRELESS HANDHELD MICROPHONE :</u></b> RF frequency range 548 ..... 865 MHz Transmission/receiving frequencies 960 (520 in range E) 8 frequency banks,each with maximum Presets 12 Switching bandwidth 24 MHz (13 MHz in range E) Signal-to-noise ratio > 103 dB(A) THD, 1total harmonic distortion < 1 %. Complete set with Receiver and Handheld Transmitter.	2	
11	<b><u>WIRELESS COLLAR MICROPHONE :</u></b> RF frequency range 548..... 865 MHz Transmission/receiving frequencies 960 (520 in range E) 8 frequency banks,each with maximum Presets 12 Switching bandwidth 24 MHz (13 MHz in range E) Signal-to-noise ratio > 103 dB(A) THD, total harmonic distortion < 1 %. Complete Set with Receiver, Bodypack and collar microphone.	2	
12	<b><u>WIRELESS HEADWORN MICROPHONE :</u></b> RF frequency range 548..... 865 MHz Transmission/receiving frequencies 960 (520 in range E) Switching bandwidth 24 MHz (13 MHz in range E) Frequency response Mic: 100...16000 Hz / Line: 50...16000 Hz Signal-to-noise ratio > 103 dB(A) THD, total harmonic distortion < 1 %. Complete set with receiver, Bodypack and Headworn microphone.	1	
13	<b><u>CORDED VOCAL MICROPHONE:</u></b> Professional dynamic <b>Corded microphone</b> for lead & backing vocals on stage with On/Off Switch, High output neo-dymium magnets(2.8mV/pa)Provides superb signal to noise ratio,Wide frequency response(40-16000 Hz)Captures fullest vocal fidelity, Shock mounted capsule minimizes handling noise.	4	
14	<b><u>CORDED INSTRUMENT/VOCAL MICROPHONE:</u></b> Dynamic instrument <b>Corded microphone</b> designed for drums and percussions, for wind instruments and guitar amps. Silent on/off switch, Shock mounted capsule minimises handling noise, Expanded(80-15000 Hz)suits more demanding applications.	4	
15	<b><u>CORDED GENERAL PURPOSE MICROPHONE:</u></b> General purpose vocal/instrument microphone with On/OFF Switch and transportation case. Set of three microphones	2	
16	<b><u>GOOSENECK MICROPHONE :</u></b> 457 mm (18 in.) gooseneck microphone with Shock mount and Base Unit with On/Off switch on Gooseneck. RF shielded microphone	2	

<b>S.No</b>	<b>PARTICULARS</b>	<b>QTY</b>	<b>UNIT</b>
<b>Cables &amp; Accessories:</b>			
17	8 Ch Microphone Snake Cable	<b>50</b>	
18	2 Core 1.5 Sq mm Loudspeaker Cable	<b>300</b>	
19	2 Core Shielded Microphone Cable	<b>200</b>	
20	Microphone Connectors Boxes	<b>6</b>	
21	Equipment Rack to accommodate all rack mount equipment, with drawer, door wheels and locking facility	<b>1</b>	
22	Speakers, XLR M/F connectors Patch Cables & accessories without electric cable	<b>1</b>	
23	Microphone Stand Floor Type	<b>2</b>	
24	Microphone Stand Floor/Table Type	<b>4</b>	