

कार्यपालक अभियंता का कार्यालय,
बी.आर.अम्बेदकर बिहार विश्वविद्यालय, मुजफ्फरपुर।
अति अल्पकालीन कोटेशन आमंत्रण सं. - 01/2025-26

बी.आर.अम्बेदकर बिहार विश्वविद्यालय, मुजफ्फरपुर अंतर्गत "Interior Renovation & Beautification of Auditorium of B.R. Ambedkar, Bihar University Muzaffarpur" हेतु अधिकृत एजेंसी/ संवेदक से दिनांक 07.05.2025 को अपराह्न 03:00 बजे तक कार्यपालक अभियंता, बी.आर.अम्बेदकर बिहार विश्वविद्यालय, मुजफ्फरपुर के कार्यालय में मुहरबंद दर कोटेशन आमंत्रित की जाती है, जिसे उसी दिन अपराह्न 03:30 बजे कुलसचिव महोदय, बी० आर० अम्बेदकर बिहार विश्वविद्यालय, मुजफ्फरपुर के कार्यालय में कोटेशनदाता/ अधिकृत प्रतिनिधि के उपस्थिति में खोला जायेगा। विशेष जानकारी एवं मदों की विवरणी अधोहस्ताक्षरी के कार्यालय से कार्यावधि में तथा बी० आर० अम्बेदकर बिहार विश्वविद्यालय के वेब साइट से नि:शुल्क प्राप्त किया जा सकता है।

कोटेशन की अन्य शर्तें निम्न प्रकार:-

1. कोटेशनदाता को आयकर, आचरण प्रमाण-पत्र एवं G.S.T. से निबंधित होना चाहिए तथा कोटेशन के साथ उक्त प्रमाण पत्र की प्रति संलग्न करना होगा।
2. कोटेशनर को प्रति इकाई का दर सभी कर सहित अंकित करना होगा।
3. कोटेशनदाता को कोटेशन मुहरबंद लिफाफे में निर्धारित तिथि एवं समय पर जमा करना अनिवार्य होगा।
4. कोटेशन अधोहस्ताक्षरी के समक्ष खोला जाएगा। कोटेशन खोलते समय कोटेशनदाता अथवा उनके द्वारा अधिकृत प्रतिनिधि को उपस्थित रहना अनिवार्य होगा।
5. कोटेशन सूचना से संबंधी विस्तृत जानकारी कार्यपालक अभियंता बी० आर० अम्बेदकर बिहार विश्वविद्यालय मुजफ्फरपुर के कार्यालय से किसी भी कार्यदिवस में प्राप्त कर सकते हैं।
6. दर अंकित करने से पहले कार्य स्थल का निरीक्षण आवश्यक कर ले।
7. सामग्रियों की आपूर्ति आपूर्तिकर्ता द्वारा स्वयं के खर्च पर किया जाएगा।
8. अधोहस्ताक्षरी को कोटेशन को बिना कारण बताये रद्द करने का अधिकार सुरक्षित होगा।

हो/

कार्यपालक अभियंता
बी० आर० अम्बेदकर बिहार
विश्वविद्यालय, मुजफ्फरपुर।

ज्ञापांक Engrg-2864

दिनांक 21/04/2025

प्रतिलिपि:-

वित्तपदाधिकारी/कुलसचिव, प्रशाखा पदाधिकारी // (असैनिक) कनीय अभियंता // (असैनिक) सहायक अभियंता / कुलपति / कार्यालय के निजी सहायक, बी०, यु.बी.ए.आर.मुज०, यु.बी.ए.आर.बी०, कार्यालय सूचना पट्टा / मुजफ्फरपुर को सूचनार्थ प्रेषित, वेब साइट, बी० आर० अम्बेदकर बी० यू० मुज०।

(Signature)
कार्यपालक अभियंता

बी० आर० अम्बेदकर बिहार
विश्वविद्यालय, मुजफ्फरपुर।

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बाबासाहेब भीमराव अम्बेदकर

स्थापित-1952

बिहार विश्वविद्यालय

मुजफ्फरपुर 842001(बिहार)

वेबसाइट: www.brabu.net

ई-मेल : registrar.brabu@gmail.com

अल्पकालीन कोटेशन दर आमंत्रण सूचना वर्ष-2025-26

बिहार विश्वविद्यालय मुजफ्फरपुर के सभागार कक्ष के आंतरिक भाग का जीर्णोद्धार एवं आधुनिक सौंदर्यीकरण हेतु उपयोग किये जाने वाले विभिन्न मदों की आपूर्ति हेतु दर कोटेशन दिनांक 07.05.2025 को 3:00 बजे अपराह्न तक प्रतिष्ठित रजिस्टर्ड विक्रेता/फर्म/एजेंसी द्वारा मुहर बन्द लिफाफे में कार्यपालक अभियंता बी.आर.ए.बिहार विश्वविद्यालय, मुजफ्फरपुर के कार्यालय में आमंत्रित किया जाता है। उक्त आमंत्रित दर दिनांक 07.05.2025 को 3:30 बजे अपराह्न में कुलसचिव के कार्यालय में कोटेशनदाता/ अधिकृत प्रतिनिधि के उपस्थिति में खोला जायेगा।

Sl.No	S.O.R.	Particulars	Qty.	Unit	Rate	Amount
1	N.S.	<p>Providing and fixing Acoustical Wall Paneling:- UP TO 2 FEET FROM FLOOR- Providing and Fixing wooden wall panelling fabricated from MS pipe/ tube of 25mm X 25mm having Insulation Fiber comprising of Glass Wool of 24kg Cub./Mtr. or Rockwool of 40kg Cub./Mtr. density to be filled between wall and 12 mm thick mdf which will be finished with polish/ Laminate Sunmica.</p> <p>ABOVE 2 FEET- Providing & fixing of 50mm wooden wall paneling fabricated from MS pipe/ tube of 25mm X 25mm @ 2'0" cc, made up of 12mm MDF which is duly filled with eco-friendly material (sound proof), duly finished with cloth/ polish/ paint. Sound proof ecofriendly system consists of 50mm filler with 25mm insulation fiber/glass wool padding which is finally covered with proper air gapping as per eco - sound arrangement.</p> <p>Also some where the acoustic wood wool panels will be installed for creating a unique design on wall of the auditorium which enhances the grace of the hall and the same will be duly painted with attractive colours.(As per the designs and hall layout)</p>	645.79	Sqm		

2.	N.S.	The panel must have 10 mm gypsum core, with a geometric array of 12 mm square perforations. The reverse of the board incorporates an acoustic fleece which provides sound absorption performance. Board Dimensions: 1200x1800mm Board Thickness: 10mm Board Weight: 6 kg Approx. Perforation Size: 12x12 mm Square. Perforation Spacing: 25mm CTC Perforation Area: 16% Perforation set Size: 487x487mm Plain Border Size: 56.5mm Centre Plain Board: 113mm Colour: Unpainted paper line (Can be painted with an emulsion paint after installation)	693.07	Sqm		
3.	N.S.	Providing and Layering of Jute Carpet Roll of size Width 2MTR./4MTR. Of Length 30MTR. as per the approved shades by the department. The carpet will be fixed on the floor with adhesive Chemical/Solution in a proper manner. The yarn type is 100% BCF Poypropylene. The die method is Solution Dyed. The Machine Gauge is 1/10TH and tufted pile height is 4MM and tufted Pile Weight is 400 GMS/PerSQM and total weight is 1250GSM/PerSQM. The primary backing is action backing.	503.20	Sqm		
4.	N.S.	Supplying, fitting and fixing 4mm thick Laminated wooden Flooring Work with plank size not less than 1200 mm X 190 mm having 0.2mm thk top abrasive layer over a decorative layer followed by a High-density fibreboard (HDF) substrate core over a rasin saturated backing layer and installing through unilin or tongue- groove system (having locking strength) over a 2 mm thkunderlayerpolyurethane foam on polythene sheet 250 micron, over a smooth, flat, hard subfloor free from moisture (< 8%), grease etc. complete in all respect with requisite accessories like end profile, transition profile, reducer 'T' profile etc.	156.13	Sqm		
5.	N.S.	Providing and fixing of Acoustic door 35mm thick single leaf Acoustic Door of standard size 2100x1050 (MM) or as per the site feasibility. The material will be used is commercial ply and the same should be covered with laminate sunmica . The doors Should include door closer, coordinator, and Door Handle.	7	Each		
SITC of Electrical Work for Auditorium/VIP Waiting Area/Control Room						
1	N.S.	Supply and Installation of LED Track Lights Wherever Required in the Auditorium Hall for	15	Each		

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		Focus on Stage or Audience:- -Body Colour : White or Black -Material : Aluminium -Light fixture form : Track Light Head Power Source : Corded Electric -Installation Type : Flush Mount -Light Source Type: LED				
2.	N.S.	Product Type : Ceiling Cassette Inverter Technology : YES Fast Cooling : YES Indoor Unit Noise Level (H/M/L) : 36 / 34 / 32 dB(A) Clean Air Filtration: YES Cooling Capacity in TR : 1.5 Power Input : 1.5 kW Power Supply (Φ / V / Hz) : 1/220~240/50 INDOOR UNIT Air Flow Rate (H/M/L) : 600/530/459 OUTDOOR UNIT Compressor Type : Twin Rotary Sound Level (H): 47 dB(A) Drain (Outdoor / Indoor) : Ø 32 mm / 25 mm Installation and Extra Copper Pipe as Required : Included	18	Each		
3.	N.S.	Supply and Installation of Split AC • Feature Support Energy Rating 3 Star • Feature Support 1.5 Ton Capacity • Feature Support Auto Restart • Feature Support Front Panel Display • Feature Support Rotary Compressor with Copper Fins • Installation Complete installation with Copper Pipes, Cables etc.	3	Each		
SITC of Stage Crafting and Lightening of Auditorium						
1.	N.S.	Motor 1 HP industrial make: Air brake Contactors 2 nos of reputed make. micro switches for auto stop 2 nos, push button (near stage) for 3 position for forward, reverse and stop position. Steel wire rope 3mm, fixing rail, brackets and sliding arrangements in ms runners, master runner and pulleys. Curtain cloth: velvet/ curtain cloth velvet /crushed of quality and colour as approved by the department, Curtain Horizontal sliding sideways And overlapping of 900mm In closed position. curtain control panel to be fixed in Contoral room and 1.5 Sqmm , 4 core frls power cabling including ms conduit 20mm dia, 1.6mm wall thickness isi marked from curtain to curtain control panel, provision for manual control from stage.	1	Each		

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2.	N.S.	Supply, installation, testing and commissioning of Glazzed Cotton fabric as per approved colour and make with a gathering of 50% stitched as per site condition, curtain provided with eyelets at every 200/250mm for uniform fixing on to curtain trollies . The curtain will be operated manually.	1	Each		
3.	N.S.	Providing and fixing cyclorama screen in plastic perforated material. The screen to be fixed on tubular frame made out of 35mm dia MS pipe. The size of the Cyclorama Screen will be as per the site layout and stage size.	1	Each		
4.	N.S.	Stage Frill of size 1 meter (H) x meter (W) with the followings accessories. subsequent frill bars made of 42 dia MS pipe dully supported from the ceiling grid frill be stitched in double gathering size as per drawing.	8	Each		
5.	N.S.	Supply, of Fixed Wing Structure designed as per site condition for a height approx Size :1200mm x5000mm made up of MS Square tube of 25mm X 50mm rested on pivotable trolley on a track for the rotation of the wing, complete in all respect. Customized	4	Each		

6.	N.S.	<p><u>Design and Fabrication</u> Design and supply of custom MS light bars as per the specified load requirements and the auditorium's lighting design.</p> <ul style="list-style-type: none"> • Fabrication of the light bars, ensuring that they are structurally sound, meet load-bearing requirements, and allow for the suspension of lighting fixtures securely. <p><u>Installation</u> Installation of MS light bars at designated locations in the auditorium (e.g., on the ceiling, above the stage, or in the lighting rig area).</p> <ul style="list-style-type: none"> • Ensuring proper alignment, leveling, and safety for the mounting and suspension of lighting fixtures. <p><u>Electrical Integration</u> Proper integration with the lighting control system and power supply.</p> <ul style="list-style-type: none"> • Provision of electrical cabling or wiring for powering the hanging lights, including cable management, to ensure safe operation and accessibility. <p><u>Material</u> Main Material: The MS light bar shall be fabricated from high-strength mild steel (MS), ensuring sufficient durability and load-bearing capacity.</p> <ul style="list-style-type: none"> • Finish: The steel bars shall be painted to prevent corrosion and extend the lifespan of the system. • Load-Bearing Capacity: The light bars should be designed to support a minimum load. 	1	Each		
7.	N.S.	<p><u>Stage Lighting</u> SITC of 1000W halogen Fresnel spot light providing illumination of 28000 lux at 2 mtr in spot at 10° beam angle with below specifications:</p> <ul style="list-style-type: none"> • Lamp 1000W Gx 9.5 Base 230V 3200K • 4600 lux at 2 mtr when operated in flood at 48° beam angle • Dimension 290 x 405 x 290mm, • 150mm dia German lens, • Weight of 4.6Kg • 3 mtr power cord with 16amps 3 pin CE plug German Make • Housing - Light weight, rugged and reliable both indoor and outdoor, Robust pre-treated fabricated housing with die cast component and epoxy polyester powder coated 	10	Each		

		<ul style="list-style-type: none"> • Distribution - Delivers smooth uniform field across the entire spread from spot to flood focusing, • Switching options - Local control and Digital DMX control through Dimmer, Dimming option - Digital DMX control through Dimmer • Reflector - Spherical high reflectivity aluminium anodized, Yoke - Fabricated using MS flat-accepts mounting on 16mm spud, Focus - controlled by front & rear thermoplastic knob Along with MS 4-leaf barndoor for 1KW Fresnel spot light. 				
8.	N.S.	<p>SITC of 1000W spun aluminium PARCAN made out of spun aluminium 16 SWG in 2 piece cylindrical construction with punched slot on Parcan housing for natural ventilation and floating ceramic GX16d base lamp socket, 3mtr copper flexible PVC insulated power cable with 3 pin CE insulated plug, Yoke made of MS flat 25 X 3mm with 13mm free mounting hole to fit the adaptor, spigot with 28mm and filter frame but without lamp with below specifications:</p> <ul style="list-style-type: none"> • "Lamp: 1000W 240V PAR -64 • Lamp Socket: Ceramic type GX 16D • Power Cable: 3 core, 1 Sq.mm copper PVC insulated flexible cable with 10 amps double pole toggle switch • Housing: Aluminium sheet cylindrical construction with black epoxy polyester powder coated" • Switching options: Local control and Digital DMX control through Dimmer • Dimming option: Digital DMX control through Dimmer • Yoke: Fabricated using MS flat -accepts mounting on 28mm spud • Focus: Sealed beam angle • Accessories: Filter frame. 	5	Each		
9.	N.S.	<p>SITC of 54x3W LED par light complete with 1 -channel DMX 512, high brightness stable performance with DMX, and power and DMX loop in and out option, technical specifications as below.</p> <ul style="list-style-type: none"> • Lamp - 54 X 3W Tungsten 3200K LED • Power consumption - 150W • Power supply - 230/240V AC • Power cable - 3 core 1.5 sq. mm. copper PVC insulated • Channels - 1 Channel DMX -512 	3	Each		

		<ul style="list-style-type: none"> • Beam angle - 25° (15°, 45° optional) • Control mode - DMX, and Manual. 				
10	N.S.	<p>SITC of 54x3W LED par light complete with 8 -channel DMX 512, high brightness mixing colour evenly, stable performance with sound active auto, DMX, and power and DMX loop in and out option, technical specifications as below.</p> <ul style="list-style-type: none"> • Lamp - 54 X 3W RGB LED (12R+18G+18B+6W) • Power consumption - 150W • Power supply - 230/240V AC • Power cable - 3 core 1.5 sq. mm. copper PVC insulated • Channels - 8 Channel DMX -512 • Beam angle - 25° (15°, 45° optional) • Control mode - DMX, and Manual. • Function - strobe, Dimming, sound active <p>SITC of Diecast aluminium "C" clamp with safety pin</p>	4	Each		
11	N.S.	<p>Colour : Warm White or as per client choice. Indoor/Outdoor Usage : Indoor Usage Special Feature : Long Coverage, Superior Light Output, Robust Material Light Source Type: LED Power Source : Corded Electric Material : Silicon Colour Temperature : 3000 Kelvin Controller Type : Manual Control Voltage : 240 Volts Wattage : 6 Watts</p>	50	Mtr		
12	N.S.	Supply and Installation of DMX Controller for controlling the LED lights of the Auditorium Hall (Manually). The Supplied controller must have function to control all lights functional on auditorium stage.	1	Each		
(13)	M/R	Main Electrical Distribution Panel	1	Set		
(i)		<p>Supply and fixing of fabricated Electrical control panel of cubical construction, floor/wall mounted type, fabricated out of 16 SWG CRCA sheet, compartmentalised with hinged doors, dust and vermin proof, powder coated painting of approved shade after 7 tank treatment process, cable alley, internal wiring, earth terminals, Bus bar Chamber,</p>	1			

		insulator and complete in all respect etc and panel manufactures must be approved by CPRI.				
(ii)		Current Transformer 400/5A CL-1,5VA	3			
(iii)		400 A capacity four pole ON-load changeover switches	1			
(iv)		400 A, 50 KA, FPMCCB	1			
(v)		100A, 30 KA, FPMCCB for Outgoing.	4			
(vi)		MFM Meter	1			
(vii)		R,Y,B Phase indicator	1			
(viii)		Copper Busbar 500 amp as per the load of switchgear rating with heat shrinkable bus bar sleeve.	1			
(ix)		Rotary Handle	1			
(x)		400 A Spreader	2			
(xi)		32 A TPN MCB for Outgoing	4			

Furniture Items at Auditorium

1	N.S.	Supplying and placing ergonomically designed, comfortable & aesthetically appealing Auditorium chair. The seat shall be made of 12mm thick hot pressed plywood with HR polyurethane foam upholstered with fire retardant fabric tapestry and the back shall be made of 15mm Plywood with PU Foam upholstered 3 layered laminate 5mm thick with fabric tapestry. The Chair shall have a seat sliding mechanism. The armrest shall be made of PP with cup holder. All metal components shall be powder coated in black colour with min 40-60 micron. The grouting plate shall have bolting support. Seat size shall be 470±10mm(W) X 450±10mm(D) and back size shall be 750±10mm (H) from seat X 450±10mm (W) & overall height 1010±10mm.	506	Each		
2	N.S.	Supplying and placing ergonomically designed, comfortable & aesthetically appealing Auditorium chair. The seat shall be made of 12mm thick hot pressed plywood with HR polyurethane foam upholstered with fire retardant fabric tapestry. The auditorium chair must have push back mechanism. The armrest shall be made of cushion with Cup Holder. All metal components shall be powder coated with min 40-60 micron. The grouting plate shall have bolting support. Overall size of the chair will be 630(L) X 780(D) X 1100(H) with the variation of ±10mm.	21	Each		

3	N.S.	Supplying and placing a three seater sofa that shall be constructed from natural hard wood and commercial plywood having inner frame. The thickness of the wood should allow for the heavy tension webbing. The sofa shall have spring attached and also be padded separately. The frame shall be padded with high resilience polyurethane foam having density 45Kg/m ³ in seat and 32Kg/m ³ in back. There shall be cushion arm provided padded with high resilience polyurethane foam having density 32Kg/m ³ . The armrest shall be flap with soft cushion on both side for aesthetically appealing as well as side comfort. The complete structure shall be upholstered with leatherite tapestry 0.8±0.1 mm thick and 535 GSM. The understructure shall have MS powder coated frame having thickness 8mm. There shall be buffers provided at the bottom to avoid scratches on the floor as well as uneven surfacing. The seat size shall be 1460±10 mm(W) X 530±10 mm (D) X 380±10 mm (H). Overall width = 2030±10 mm, overall depth = 830±10 mm & overall height = 860±10 mm.	3	Each		
4	N.S.	Supplying & placing center table with an overall size 1200mm X 600mm X 450mm. The top shall be made up of 25mm thick Pre-laminated particle board of grade II of IS 12823. The profile shall be in rectangle shape and the edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the size of board panel and duly pasted with the assistance of edge banding machine at 200 degree Celsius. The understructure shall consist of SS 202 grade pipe frame with cross-section area 50mm X 25mm. There shall be PPCP shoe provided at the base to avoid scratches on the floor.	3	Each		
5	N.S.	Supplying & Placing Dias table in completely knock down conditions with an overall size 1500mm X 750mm X 750mm that is to be assembled at site. The construction of the main table shall be free standing structure constructed with the help of minifix dowels and pins. The worktop shall be made up of 25mm thick particle board with approved laminate and finish as per approved shade. The table top profile shall be in rectangle shape with front and back full round post form edges and other edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the size of board panel and duly pasted with the assistance of edge banding machine at 200 degree Celsius.	4	Each		

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		The table top shall be supported over particle board base gable end. The end wall of the table on the side shall be topped by gable end. It should be made up of 25mm thick Pre-laminated particle board and profile shall be in linear shape with front and back full round post form edges and other edge with appropriate PVC edge banding. The table shall be clad with 18mm thick modesty panel which provide structural support for the table. It should be 18mm thick pre-laminated particle board with appropriate PVC edge banding connected with both end. There shall be buffers provided at the base to avoid scratches on the floor.				
6	N.S.	Supplying & Placing Visitor Chair ergonomically designed for user comfort & shall have aesthetically appealing design. The seat shall be made of double layered (18+6)mm thick hot pressed plywood with HR polyurethane foam 50mm thick having density 40kg/m ³ upholstered with leatherite in black colour with 0.8mm thick and 535 GSM and the back shall be made of double layered moulded hot pressed plywood (18+6)mm thick with HR polyurethane foam 40mm thick having density 32kg/m ³ upholstered with leatherite in black colour with 0.8mm thick and 535 GSM. The seat and back shall be fixed with L-type plywood and the armrest shall be used PU arm completely joint with seat and back. The frame shall be cantilever support made up of MS CRCA chrome plated round pipe of Dia 31.5mm with 2mm thick and two strip at base of MS CRCA chrome plated round pipe of Dia 16mm with 1.6mm thick. There shall be PPCP shoe provided at the base to avoid scratches on the floor . The Seat size shall be 515±10 mm(W)X495±10 mm(D) and back size shall be 480±10 mm(H) from seat & overall height = 940±10 mm.	9	Each		
7	N.S.	Wooden Podium Specifications Top -18*24 inchmdf board Height - 42 inch CR prime sheet -20 gauge Ms pipe- 20 guage All metal structure is Powder coated	1	Each		
SITC of Audio-Video Items at Auditorium						
1	N.S.	Projector and Motorized Screen (According to Stage Size) Specifications Native Resolution WUXGA (1920x1200)	1	Each		

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		Display Color1.07 BillionColors				
		Light Source Laser Phosphor system				
		Brightness6000 ANSI Lumens				
		Contrast Ratio3000000:1				
		Throw Type Long Throw				
		Throw Ratio1.13-1.47				
		Optical Zoom1.3x				
		Digital Zoom0.8X-2.0X				
		Lens F=1.94-2.06, f=12-15.6mm				
		Throw Distance0.73-9.50m,(100"@2.43m)				
		Image Size30"-300"				
		Keystone & Corner Correction Projector should have horizontal & vertical ($\pm 40^\circ$) keystone correction				
		Audible Noise upto 35dB in Normal Mode, 28dB in Eco. Mode				
		Minimum Light Source Life30000 Hrs in Normal Mode, 40000 Hours in Economy Mode				
		Input Ports HDMI x 2, Computer in/VGA x 1, S-Video x 1, Composite video x 1, Audio In (3.5mm) x 1, Audio In (RCA R/L) x 1				
		Output Ports VGA out x 1, Audio Out x 1				
		Other ports USB type A (power) x 1, RJ45 x 1, RS232 x1, 3D Vesa (Sync) x 1, DC 12 V out				
		InBuilt Speaker Minimum 2 x 20 Watts rms to deliver full range sound				
		Input Resolution Support VGA(640 x 480) to WUXGA(1920 x 1200)				
		HDTV Compatibility480i, 480p, 576i, 576p, 720p, 1080i, 1080p				
		Video Compatibility NTSC, PAL, SECAM				
		Power Consumption Normal: 430W, Standby: <0.5W				
		Ingress Protection Should have Sealed Optical Engine with IP5X to prevents dust and moisture from entering the projector and affecting the thermal system				
		Input Power Supply As per Indian standard with compatible power cable & connector				
		Accessories All device driver and cables for connecting with computer, Ceiling Mount Kit				
		Remote Projector should be supplied with full function remote control				
		Certificates BIS certifications required				
		Projector Screen				
		Screen Type: Motorized screen				
		Resolution:1920 x 1080				
		Mounting Type: Wall Mount				
		Aspect Ratio-16:9/16:10				
		Screen Size- As per Stage Size				
		Features Matt Finish, High Gain, Low Reflection, Wide Angle,				

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Digital Podium					
2.	N.S.	Descriptions Free Standing The Podium shall be wheel mounted capable of moving in all directions with a facility of lock them while the Electronic podium is in use. The enclosure shall be made of Polymer Powder Coated Steel Body with wooden top panels, designed to work in suitable environmental conditions. The wooden top shall have lock and key and should have a sliding cover for opening/closing easily. The Podium should have housing and connectivity for Visual Presenter while the visualiser is in use and not in use. At the time of using the Visualiser, drawer can be opened and Visualiser can be used. The construction of the podium should be such that, while the podium is locked and not in use, there should not be any port exposed/ visible on the outer body for breakage/mishandling.			
1		Display: Built-in highly sensitive Interactive Panel with adjustable Manual tilt & a mechanism to make the Panel stable so that it does not shake while writing with following minimum features - Screen Type :LED Size:53.0 cm (21 inches) Resolution:1920 x 1080 Aspect ratio:16:9/16:10 Computer interface: One USB, One VGA/DVI/HDMI Port Interactive Resolution:4000 Lpi (lines per inch) Response Time:5ms Viewing Angles:170(H) ; 160(V) Touch :Finger Reading accuracy:±0.5 mm (center) Tracking speed: Approximately 200 points per second Pen Pressure, sensitivity: 2048 Levels Speakers: Display panel should have Inbuilt Speaker	1	Each	
		System Details			
		Processor: Intel Core i5 (10th Gen processor)			

	Small Form Factor: Computer should be of 2 liters Volume or less			
	In-Built Wi-Fi /Wireless LAN Card Should have ainbulit Wi-Fi / Wireless			
	RAM: 8 GB			
	Hard Disk:128 GB SSD			
	Ports (Min.): HDMI x 1, USB ports x 4, LAN Port x 1			
	Keyboard & Mouse : Wireless			
	Operating System: Windows 10			
	Antivirus : Norton Anti Virus/Mcafee or equivalent with 1 year license			
	Controller			
	Ports on front Panel of Controller (Minimum) : VGA, HDMI, USB3.0x2, Audio IN			
	Buttons on front Panel of Controller (Minimum) : Push buttons to control Volume Up& Down, Volume Mute and to switch sources of HDMI Visual Presenter, VGA Visual Presenter, HDMI Laptop, PC HDMI, VGA Laptop, VGA PC and Controller Power On/Off, Display Power on and Power Off			
	Ports on Rear Panel of Controller (Minimum) : USB 3.0 X 2, VGA Input x 2, VGA Output x 2, RCA Audio IN X 1, RCA Audio Output x 2, HDMI Inputx2, HDMI Outputx2, Programming Port (Phoenix connector)			
	Built in HDMI Repeater : Yes (HDMI Output port should support 15mtr HDMI cable)			
	Controller Resolution Output : 4K (3840 x 2160) Native			
	Power : 5 V DC (Suitable Adaptor should be supplied with controller)			
	Built in devices			
	Gooseneck : Gooseneck Microphone with XLR output.It should be Phantom powered so that			

	Microphone : there is no requirement of batteries thereby eliminating consumable cost. The gooseneck length should be atleast 21.5cm with ON/OFF switch and with LED light indicating ON/OFF status. The gooseneck microphone shall be permanently polarised condensor, highly directional featuring hypercardioid / lobar directivity.			
	Built in Amplifier Power Amplifier : Class D			
	Rated Power : 150 W			
	Impedance : MIC input: 5mV / 600Ω balanced; AUX1,2 input: 350mV / 10KΩ unbalanced RCA connection terminal			
	Mic Input : Minimum 4 input			
	Line Input : Minimum 2 input			
	Output : MIX OUT: 1000mV / 470Ω unbalanced RCA connector			
	Tone : Bass: ± 10dB at 100Hz; Treble: ± 10dB at 10KHz			
	Frequency Response : 80Hz ~16KHz (+ 1dB, -3dB)			
	SNR : MIC1,2,3: 66dB; AUX1,2: 85dB			
	THD : < 0.05% (at 1KHz, 1/3 rated power)			
	Mute Function : MIC 1 is prior to MIC2-4, AUX1-2 audio input; EMC is prior to all audio inputs			
	Channel Crosstalk Attenuation : ≥50dB			
	Heat Dissipation : Side-in and rear-out forced fan cooling; fan starts automatically when the device is turned on; infinitely variable speed			
	Protection : Overheat protection, overcurrent protection, short circuit protection			
	Power Supply : AC ~ 220V / 50Hz			
	Power Consumption : 300W			
	Speakers : Two speakers of Minimum 50 W each shall be a part of standard supply.			
	Speaker Type : 2 Way drivers			
	Effective frequency range : 80 Hz – 20 kHz			
	Rated power : 50 watts			
	Sensitivity : 90 dB			
	Impedance : 200Ω ohm			
	IP Rated : IP66			
	LF transducer : 5-inch woofer			
	HF transducer : 1.5-inch tweeter			
	Sliding Trays : Provision for keeping laptop and Keyboard & Mouse			
	Power Supply : 180 -240V, 50Hz, AC Supply			

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		Security : Physical Key for secure access to system	.			
		Fans : Suitable cooling fans to be provided in the lower body	.			
3	N.S.	LED TV (65 Inches) (With Ceiling Installation) - Refresh Rate : 60Hz Native Picture Processor : 4K HDR (High Dynamic Range) : HDR10 Display Type : 4K UHD Display Resolution : 4K Ultra HD (3,840 x 2,160) Backlight Type : Direct USB Input : 2ea (v 2.0) HDMI Input : 3ea (supports eARC, ALLM as specified in HDMI 2.1)	4	Each		
4.	N.S.	Audio Solution (Passive Array Speakers, Woofer, Controller, Mixer, Microphones, Amplifier etc.) PA Mixer MIC INPUT (Impedance/Gain): 2k Ω Balanced/65dB, 1k Ω Unbalanced/65dB: LINE INPUT (Impedance/Gain) :20k Ω Balanced/45dB, 10k Ω Unbalanced/45dB DISTORTION:< 0.1% FREQUENCY RESPONSE: 25Hz-20 kHz (-1dB) TONE CONTROLS - Bass: \pm 15dB at 80Hz, Treble: \pm 15dB at 12kHz LINE OUTPUT: 0dBu/+21dBu (775mV/9V) DELAY SYSTEM: Digital Signal Processing DELAY RANGE SETTINGS: Variable from 20 to 300ms DIGITAL PLAYER : MP3 Player/Recorder with USB Reader, Bluetooth Signal to Noise Ratio: > 68dB POWER SUPPLY - AC: 220-240v 50/60hz DIMENSIONS: W281 x H75 x D210 mm WEIGHT: 1.60kg	1	Each		
5.	N.S.	PA Mixer Amplifier Power OUTPUT: 300W + 300W Max., 200W + 200W RMS at 10% T HD 180W + 180W RMS at 5% THD, 165W + 165W RMS at 2% THD Output Regulation: \leq 2 dB, no load to full load at 1kHz Input Channels : Mono 6 \times Mic 0.6mV/4.7k Ω , 2 \times Aux 100mV/470k Ω Stereo L/R 200mV/100k Ω , Line L/R 1V/50k Ω	1	Job		

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		Frequency Response: 50-15,000Hz ± 3 dB Signal to Noise Ratio: 60dB Tone Controls - Bass: ± 10 dB at 100Hz, Treble: ± 10 dB at 10kHz Outputs : Preamp 200mV/600 Ω , Line 1V/1k Ω SPEAKER OUTPUTS: 4 Ω , 8 Ω , 70V & 100V for each zone power supply : AC: 220-240V 50/60Hz DC: 24V (2 \times 12V Car Battery) POWER CONSUMPTION : AC: 700VA DC: 9A DIMENSION : W510 \times H172 \times D385 mm Weight: 24.20kg				
6.	N.S.	Wall Speakers Power Rating: 60W RMS/90W Max. Power Taps: 60w, 60/40/30/20/10w IMPEDANCE /VOLTAGE: 8 Ω / 100V Frequency Response: 50-20,000Hz SPL at 1kHz (1W/1m) : 87dB SPEAKER: Woofer 163mm (6½"), T weeter 25mm (1") Dimensions : W215 \times H310 \times D175 mm WEIGHT: 3.22kg/3.80kg	1	Job		
7.	N.S.	Wireless Microphones (Handheld) SPECIFICATIONS: TRANSMITTER RF Output Power: 10mW (Max.) Frequency Stability: $\pm 0.005\%$ Modulation Mode : FM Microphone Element: Dynamic, Cardioid Frequency Response : 50-15,000Hz Power Requirement: 3V (2 \times 1.5V AA Pencil Cells) Current Consumption: ≤ 150 mA Controls : Microphone ON/OFF switch Indications: Channel Frequency Display Dimensions: $\varnothing 55$ (L 250) mm Weight: 220g (w/o battery) SPECIFICATIONS : RECEIVER Audio Output: Bal. 0dBu, Unbal. -10dBu S/N Ratio: 100dB DISTORTION: $\leq 1\%$ Frequency Response: 50-15,000Hz Power Requirement: 220V-240V AC 50Hz for AC Adaptor (supplied alongwith) Controls : ON/OFF Switch, Volume Controls for Channel A & B Indications : LEDs for RF & Audio Signal Channel Frequency Display	1	Job		

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		Dimensions : W210 × H42 × D147 mm Weight: 405g			
8.	N.S.	Wireless Microphones (Beltpack System) SPECIFICATIONS : TRANSMITTER RF Output Power: 15mW (Max.) Modulation Mode : FM Microphone Element: Condenser, Omnidirectional Dynamic Range: 80dB Frequency Response: 80-15,000Hz Current Consumption: ≤ 130mA Power Requirement: 3V (2 × 1.5V AA Pencil Cells) Controls: ON/OFF Switch, Volume Control Indications: Red LED for indicating transmitter ON, Frequency Display Dimensions: W67 x H32 x D95 mm Weight: 60g (w/o battery) SPECIFICATIONS: RECEIVER Audio Output: Bal. 0dBu, Unbal. -10dBu S/N Ratio: 90dB Distortion: ≤1% Frequency Response: 50-15,000Hz Dynamic Range: >90dB Power Requirement: 240V AC 50Hz from AC Adaptor Controls: ON/OFF Switch, Volume Control Indications: LEDs for RF & Audio Signal, Channel Frequency Display Dimensions: W210 × H42 × D147 mm	1	Job	

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		Weight : 372g				
9.	N.S.	Microphones (Hand Mic)	1	Job		
		Frequency Response: 50-15,000Hz				
		Sensitivity: 2.0mV/Pa				
		Impedance:600Ω				
10.	N.S.	Cable and Accessories and Racks	1	Job		
11.	N.S.	ABC Fire Extinguisher.(6kg)	8	Each		
12.	N.s.	C02 Type fire Extinguisher (4.5kg.)	8	Each		
Total Rs.						

कोटेशन दर की शर्तें :-

1. कोटेशनदाता को आयकर, आचरण प्रमाण-पत्र एवं G.S.T. से निबंधित होना चाहिए तथा कोटेशन के साथ उक्त प्रमाण पत्र की प्रति संलग्न करना होगा।
2. कोटेशनर को प्रति इकाई का दर सभी कर सहित अंकित करना होगा।
3. कोटेशनदाता को कोटेशन मुहरबन्द लिफाफे में निर्धारित तिथि एवं समय पर जमा करना अनिवार्य होगा।
4. कोटेशन अधोहस्ताक्षरी के समक्ष खोला जाएगा। कोटेशन खोलते समय कोटेशनदाता अथवा उनके द्वारा अधिकृत प्रतिनिधि को उपस्थित रहना अनिवार्य होगा।
5. कोटेशन सूचना से संबंधी विस्तृत जानकारी कार्यपालक अभियंता बी० आर० अम्बेदकर बिहार विश्वविद्यालय मुजफ्फरपुर के कार्यालय से किसी भी कार्यदिवस में प्राप्त कर सकते हैं।
6. दर अंकित करने से पहले कार्य स्थल का निरीक्षण आवश्यक कर ले।
7. सामग्रियों की आपूर्ति आपूर्तिकर्ता द्वारा स्वयं के खर्च पर किया जाएगा।
8. अधोहस्ताक्षरी को कोटेशन को बिना कारण बताये रद्द करने का अधिकार सुरक्षित होगा।

ह०/-

कार्यपालक अभियंता
बी.आर.ए.बी.यु., मुज.।

ज्ञापक:- Etn 2910-2864

दिनांक:- 21.10.2025

प्रतिलिपि:-

वित्तपदाधिकारी/ सहायक अभियंता (असैनिक)/कनीय अभियंता (असैनिक)/ प्रशाखा पदाधिकारी, कुलसचिव कार्यालय/ कुलपति के निजी सहायक, बी.आर.ए.बी.यु., मुज./कार्यालय सूचना पट्ट, बी.आर.ए.बी.यु., मुजफ्फरपुर को सूचनार्थ प्रेषित ।

कार्यपालक अभियंता
बी.आर.ए.बी.यु., मुज.।

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