

IDP-NAHEP, RVSKVV Gwalior
INVITATION FOR QUOTATIONS FOR SUPPLY OF
GOODS UNDER NATIONAL SHOPPING PROCEDURES

No.NAHEP/IDP/Quotation/2023-24/1532

Date 06/12/2023

To

Perspective Supplier

Dear Sirs,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY OF **Digital/E-Content Development Facility**

1. You are invited to submit your most competitive quotation for the following goods:-

Brief Description of the Goods	Specifications*	Qty	Delivery Period	Place of Delivery	Installation Requirement
Digital/E-Content Development Facility	Specification Attached	1	15 days from date of order	PI, IDP-NAHEP, RVSKVV University HQ, Gwalior	Yes

if any

* Where ISI certification marked goods are available in the market, procurement should generally be limited to goods with those or equivalent marking only.

2. The Government of India has received financing from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this Loan to eligible payments under the contract for which this invitation for quotations is issued.

3. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.

d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

e) The Prices shall be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission.

6. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially Responsive i.e. which

(a) are properly signed ; and

(b) Conform to the terms and conditions, and specifications.

The Quotations would be evaluated for all the item together/would be evaluated separately for each item. [*Select one of the options*].

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

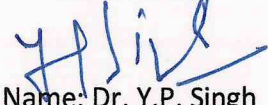
8. Payment shall be made immediately after delivery of the goods.

9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

10. You are requested to provide your offer by 17:00 hours on 14.12.2023 through speed post only.

11. **Performance Guarantee:** The Successful bidder/supplier will be required to furnish a Performance Guarantee in the form of FDR from a public sector bank or a private sector bank authorized to conduct government business for a sum equal to **10%** of the Supply Order value for the period of 3 years within 30 days of accepting supply order.
12. Please submit authorized dealer certificate of OEM or OEM Certificate with a quotation.
13. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)



Name: Dr. Y.P. Singh
PI, IDP-NAHEP

Address: Office of the Dean Faculty
of Agriculture,
RVSKVV, Raja Pancham Singh Marg,
Gwalior

Tel. No. 0751-2970507

Sl. No.	Description Goods	Specification	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
	TOTAL						
	Sales Tax						

Gross Total Cost: Rs.....

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs.....(amount in figures) (Rs.....amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee ofmonths shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

- * *Applicable while the bids are being invited for more than one item and would be evaluated for all the items together. Modify where evaluation would be made for each item separately.*

Specification of Digital/E-Content Development Facility

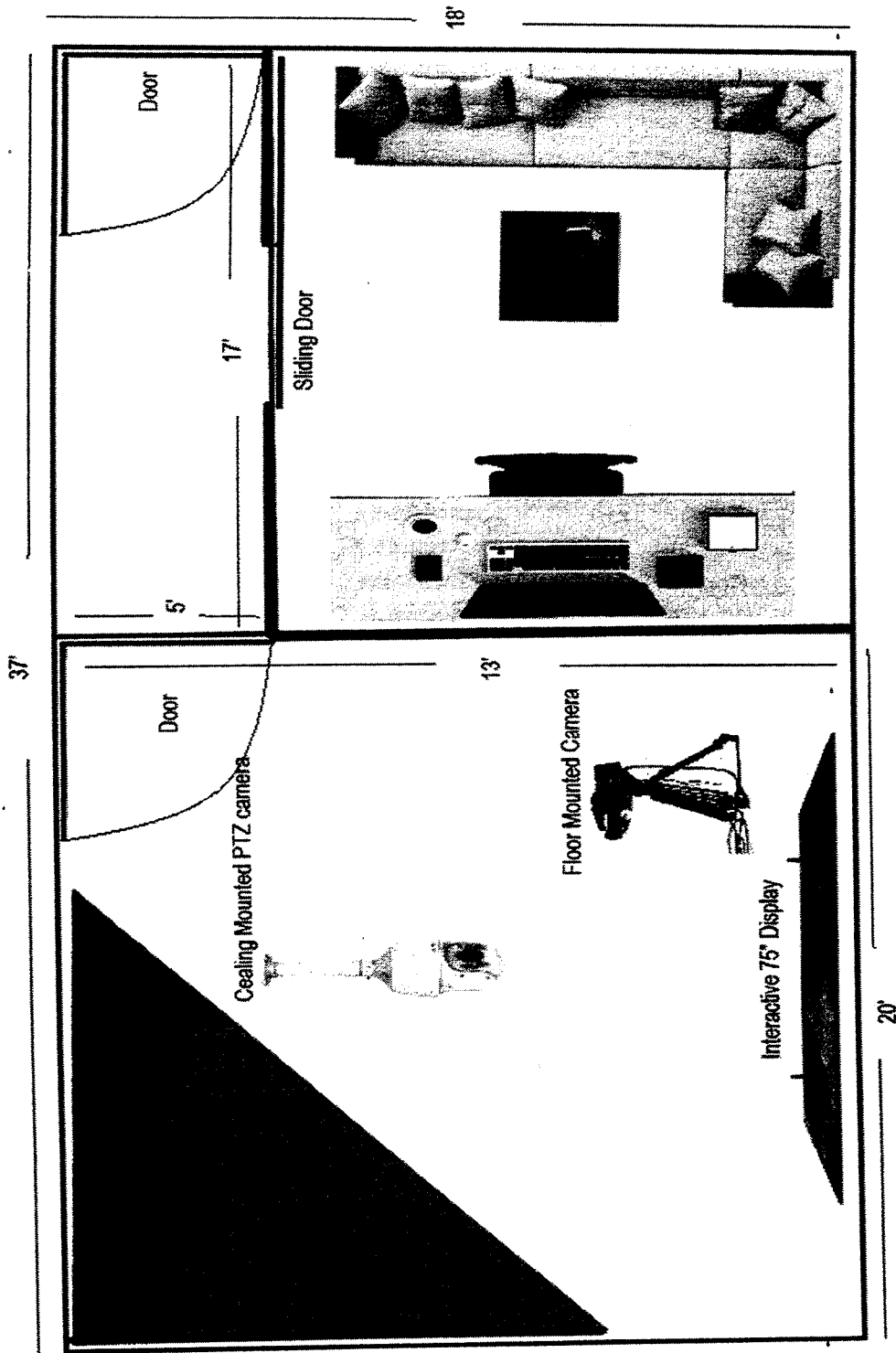
S.No.	Item	Descriptions.
1	Camera	4K Upgradable FHD PTZ camera with 12xOptical zoom; HDMI:3G-SDI & Lan Out; Audio in; Ceiling Mountable
2	Camera	Screen display > 3.5 Inch, Optical Zoom > 12x, Digital Zoom > 48 x, Resolution > 14 MP, Min. Focal Length 29 Millimeter, Video Capture Resolution > 4K, Voltage 7.4 Volts, Memory Card Slot ,SD Card Has Auto Focus Yes, Remote ControlIncludedYes, Item : Weight 1 kg to 1.5 kg, Secure Digital card standing.
3	AI - Box	<p>Analytics Appliance</p> <p>The unit analyze video that is input from a camera, computer, or other device, and automatically generates video content in real-time.</p> <ul style="list-style-type: none"> • Handwriting Extraction Application. • Auto Tracking Application This application shall track a moving target, and shall automatically move a remote camera to maintain optimum composition while shooting. • Close-up by Gesture Application. • Key-less CG Overlay • Real-time Cropping Application • IP Streaming • HDMI IN/output port 2 numbers (3840×2160/29.97p, 1920×1080/59.94p, 3840×2160/25p, 1920×1080/50p) • Audio in/output signal HDMI IN 1 connector / HDMI IN 2 connector, LCPM, 16-bit, 2ch stereo, 48 kHz/44.1 kHz/32 kHz, MIC IN connector, Audio conversion to LPCM, 16-bit, 2ch stereo, 48 kHz • Audio output signal -HDMI OUT 1 connector / HDMI OUT 2 connector, LCPM, 16-bit, 2ch stereo, 48 kHz/44.1 kHz/32 kHz • The supported operating systems shall be Windows 10 Pro (32-bit version, 64-bit version) • LAN (network) terminal (RJ-45(1000BASE-T/100BASE-TX/10BASE-T)). Network communication using the network cable • The input power 12 V DC. • Power consumption 40 W with 12 V DC input. • The operating temperature 5 °C to 40 °C (41 °F to 104 °F)
4	AI - Box	Compatible Analytics Appliance software (License)
5	Multi cam Switcher	<p>Live Production Unit/ Lecture Capture System</p> <ul style="list-style-type: none"> *08 Port Switcher (04xSDI, 02xHDMI & 02x Composite) (Active 04 Source) *Audio Mixer *FHD Built in Recording on SD Card *Built in Streaming feature for *Insert Logo *Transition effects *Video effects like PinP *Insert Title
6	Streaming & Recording Box	<ul style="list-style-type: none"> *ENCODER AND TRANSCODER * 1TB HDD Storage * Multi bit Streaming * STORAGE, MANAGEMENT, SEARCH, LOCAL ANALYTICS AND STREAMING *STREAMING MEDIA SERVER BUNDLED-SINGLE LICENSE *Input SDI/HDMI/LAN *Output – LAN
7	Camera ceiling mount	Ceiling mounted motorized camera lift for PTZ cameras
8	Floor camera Tripod	Tripod for Camcorder floor mounted with Hydraulics operation and movements, Tripod Professional Aluminum Alloy not less than 75 mm Bowl Camera Camcorder, Fluid

		Hydraulic Head, Cam Load Capacity 8-10 kg
9	OPS	OPS display i5 processor,4GB Ram, 240Gb SSD
10	Reference Display	Diagonal Size :55 inch, Resolution : 3840*2160 (4K UHD),Brightness(Typ.): 350 nits, Native Contrast Ratio : 4000:01:00,Viewing Angle(H/V) :178/178Response Time(G- to-G) :8ms(Typ.) ,Operation Hour : 16/7 ,Haze : 2%, Input : DVI-D,HDMI 2.0 (2),HDCP 2.2,Stereo Mini Jack, DVI/HDMI/Audio(Common),USB 2.0 x 2,Output:Stereo Mini Jack,RS232C(in/out) thru stereo jack, RJ45,IR,Special Feature H/W: Temperature Sensor, Built in Speaker(10W 2ch), , Wi-Fi/BT S/W: Auto Source Switching & Recovery, Certificate BIS and UL, OEM Certificate warranty :3 year
11	Editing Monitor	Ultra-wide 73cm (29") Multi-tasking monitor
12	Omni-Directional Wireless Livelier+ handheld Microphone	Handheld microphone True diversity half-rack receiver in a full-metal housing with intuitive LCD display for full control Easy and flexible wireless synchronization between transmitter and receiver via infrared Fast frequency allocation for up to 12 receivers via new linking functionality Up to 20 compatible channels Up to 42 MHz bandwidth with 1680 selectable frequencies, fully tunable in a stable UHF range Transmission Range: up to 100 meters / 300 feet High RF output power (up to 30 mW) depending on country regulations
13	Condenser Microphone for camera	Broadcast and studio sound quality, Rugged reinforced ABS construction Two step high-pass filter - flat or 80 Hz, Integrated shock mount 9 V battery operation
14	Audio Mixer	Integrated 16-track USB recorder allows for instant recordings of your studio or live sessions, 8 state-of-the-art Mic Preamps comparable to stand-alone boutique preamps with individual Phantom Power switches, 8 studio-grade Compressors with super-easy "one-knob" functionality and control LED for professional vocal and instrumental sound
15	Studio Sound monitors	Ultra-linear 2-way digital monitor speakers ideally suited for computer studios, audio and multimedia workstations, True bi-amping mode with 4 amplifiers for ultimate high-resolution sound 150 Watts of digital power amplification, ultra-high resolution 1-inch silk dome tweeter for superior audio reproduction Long-throw 5-inch woofers with deformation-resistant cone for ultimate bass response, advanced waveguide technology provides ultimate sound dispersion and extremely large "sweet spot"
16	Headphones	Over the year Head Phones
17	Online VC software	Online video conferencing software.
18	Studio recording and operating editing desk	Elevate Height Adjustable Table Desk Electric 3 Stage Dual Bosch Motor Ergonomic Sit-Stand Solution Laminate Table Top Desk (1500mm X 700mm X 25mm) OR (60 Inch X 28 Inch X 1 Inch) OR (5 Ft X 2.3 Ft), Pastel Orange), Load Capacity 120KG,
19	Studio Lights	3 Point Softbox Lighting Kit Soft Led Still & Video Light with AC Power, Shooting, Videography, Portrait, Product Photography, Key, Fill, Rim Head Light
20	Fabric Wall paneling	Providing and Installation of Acoustical Wall Paneling fabric finish hardened square edge, FR grade fabric (colour as approved by Engineer in charge) wrapped soft fibre core (glass fibre) panel of size 600 x 2100 x 25 mm having density 100 -120 kg/m ³ , weight 3.0 kg/m ² , installed by using impaling clip, Impaling clips are attached directly to the wall/frame work with the points extending outward. Then panels shall position and pressed into the place.
21	Wooden Paneling	Providing and Fixing Channeled Woodworks perforated panels of width 128mm, thickness of 15mm and length 2440 mm or as required by the Architect/ approving engineer, made of a high density fibre board with minimum 830 Kg/M ³ density substrate with a laminated facing / wood veneer as per the approved shade/ species & finish and a melamine balancing layer on the reverse side. The boards shall have a perforation pattern where the visible surface has a fluted perforation of 4mm width and 28mm of visible panel each. The edges of the panels shall be "tongue-and-grooved" to receive special clips for installation. The back of the perforated panel shall have sound absorbing non-woven acoustical fleece having NRC of 0.55. The panels shall be

		mounted on special aluminum splines using clips provided by and approved by the Architect/ Engineer-in-Charge.
22	Acoustic Ceiling	Providing and fixing false ceiling of 'SAMCEIL' make Glass Fiber Acoustical Suspended Ceiling System with 17mm thick square edge tiles of size 597x597mm as approved by Engineer-in-charge, in true horizontal level suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gsm/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x32mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x32mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 19x19x0.35 mm and laying false ceiling tiles of approved texture in the grid including, wherever, required, cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI metal wire 2.7 mm thick fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, with galvanized butterfly level clips of size 85x30x0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications drawings and as directed by Engineer-in-charge. The tiles should have Colour Black, in module size of 595 x 595 x 17mm, make by Samceil.
23	Perforated Acoustic paneling	Providing and fixing 8 mm thick fully perforated tile of calcium silicate board with fleece backing on G.I. frame work consisting of 'W' profile (0.55mm thick) having a knurled web of 51.55mm and two flanges of 26mm each with lips of 10.55 mm, placed @ 610mm C/C in perimeter channel having one flange of 20mm and another flange of 30mm with thickness of 0.55mm and web of length 27mm. Perimeter channel is fixed on the floor and the ceiling with the nylon sleeves @ 610mm C/C with fully threaded self-tapping dry wall screws. Board is fixed to the 'W' profile with 25 mm countersunk ribbed head screws @ 200mm C/C., all complete as per the drawing and directions of engineer-in-charge the joints of the boards are finished with specially formulated jointing compound and 48mm wide jointing tape to provide seamless finish. Also providing and fixing 50 mm thick stonewool of density 40 Kg/m ³ behind the perforated panel.
24	Acoustic Partition	Supplying and fixing of 141 mm wide wall lining Samceil system, made out of G.I. channel framework consisting of S-91 Floor & Ceiling Channel 91mm wide & having two flanges of 32 mm each, having thickness of 0.70 mm, to the RCC Floor and Ceiling Slab with Approved Fasteners @600 mm C/C respectively. The S-89 Wall Studs 89 mm wide, having both flange of 36mm each and 10 mm internal flange both sides, having 0.70mm thickness, placed at maximum distance of 610mm C/C in Floor and Ceiling channel. Two layers of 12.5mm thick Moisture Resistant Plaster Board is then screw fixed to the metal framework using Self tapping screws of size 6 x 25mm and 6x50mm corrosion resistant drywall screws spaced at 150mm centres. Screw fixing is done mechanically on each side of framework. Finally, plasterboards and screw heads are to be jointed and finished so as to have a flush look which includes filling tapered edge and square edges of board with Compound and Paper/Fiber Tape (As per recommended practice). Also providing 50 mm thick rockwool of 120 kg/m ³ density in between the partition metal framework.
25	Flooring	Providing and fixing 8 mm thick AC-4 wooden flooring on existing floor for wooden finish.
26	Door	Providing and fixing Acoustic door for sound restrictions. The door to include a door closer, basic hardware such as hinge and door handle. The door shall have a door seal installed at door frame for proper closure of door gaps.

Note: Rate to include cutting and making provision for housing light fixtures, conduiting, furniture (L shape sofa center table and etc.) and electrical fixture as per the drawing and instructions by the engineer in charge.

*interactive 75" display is to be provided by university.



Layout of Proposed digital e Content Laboratory