Ref. No. PL-195/24   Date 04/05/2024

Sub: Invitation of quotations for "Purchase of Digital Podium with Lecture Delivery Software"

Dear Sir/ Madam,

We are inviting to submit your most competitive rates for following items for digital podium, the details are as follows.

Sl. No	Particulars	Technical Specification	Quantity	Unit Price	Amount
1	Digital Podium with Lecture Delivery Software	Annexure - I	1		
	Total				

Terms and conditions:

1) **Bid Price:**
   a) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
   b) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to the adjustment on any account.

2) **Validity of Quotation:**
   Quotation shall remain valid for a period of not less than 30 days after the deadline date specified for submission.

3) **Evaluation of Quotations:**
   The purchaser shall evaluate and compare the quotations determined to be substantially responsive i.e.
   a) Are properly signed.
   b) Conform to the terms and conditions and specifications.

4) **Award of Contract/ Order:**
   The purchaser will award the contract/ order to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

   a) Not with standing the above, the Purchaser reserves the right to accept or reject any

1

quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

b) The bidder whose quotation is accepted will be notified about 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.

5) **Liquidity Damages:**
   Liquidity damages at the rate of 0.5% per week for the delay in work subject to maximum of 10% computed on the value of delayed.
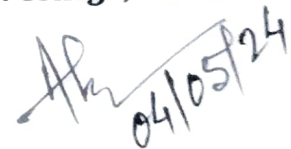
6) **Warranty**:
   The warranty period should be clearly mentioned.

7) Payment will be made after completion of satisfactory work & report, along with the bill.

8) You are requested to provide your offer latest by **2.00 pm hours on 13/05/2024.**

9) Notice is uploaded on B.N. College, Patna website (https://www.bncollegepatna.com); we look forward to receiving your quotations and thank you for your interest in this project.

(Dr. Rajkishore Prasad)
Principal
B.N. College, Patna

04/05/24

• **Digital Podium with Lecture Delivery Software**

S.No	Particular	Technical Specification
1	Type/ Mounting	Free Standing
2	Construction	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 Metallic Body, designed to work in suitable environmental conditions. The body have lock and key and should have a sliding cover for opening/ closing easily. The Podium should have housing and connectivity for Visual Presenter. The construction of the podium should be such that, while the podium is locked and not is use, there should not be any port exposed/ visible on the Outer body for breakage/ mishandling.
3	Display	Built-in highly sensitive Interactive Panel with adjustable tilt & mechanism(motorized hydraulic system) to make the Panel stable so that it does not shake while writing with following minimum features -
(a)	Screen Type	LED
(b)	Size	(21-22 inches)
(c)	Resolution	1920 x 1080 or higher
(d)	Aspect ratio	16:9/ 16:10
(e)	Computer interface	USB, VGA/ DVI, HDMI Port
(f)	Interactive Resolution	4000 Lpi (lines per inch)
(g)	Touch	Finger and Stylus
(h)	Speakers	Display panel should have Inbuilt speakers
4	System Details	
	Branded	Computer System
(a)	Processor	Core i5 (12th Generation)
(b)	Industrial Grade Chasis	Small form factor chassis in mini form factor for operation in suitable temperature environments.
(c)	Chipset	Suitable chipset for the processor.
(d)	Memory	16 GB
(e)	HDD/ Storage	1 TB HDD & 512 SSD
(f)	Expansion I/O	2 USB 2.0/ 3.0, LAN 10/ 100/ 1000, VGA
(g)	Keyboard + Optical Mouse	Wireless
(h)	Audio	1 x Line-out/ 1 Line-in
(i)	Graphics	HD Graphics 1GB
(j)	Operating System	Windows 11 pre-loaded

(k)	Antivirus	Quick Heal Anti-Virus or equivalent with 3-year license
5	Console Panel Ports accessible from outer body of Podium.	
(a)	USB Input	USB Port on the panel to facilitate inputs directly from Pen Drives/USB based hard disk Drive etc.
(b)	LAN Connection	RJ 45 LAN Port at the panel to connect network/Wi-Fi
(c)	Display	Selection switch to toggle between various sources for the output on the projection screen through a touch panel.
6	Built in devices	Built-in devices on the Panel with easy access and control consisting of:
(a)	Gooseneck Microphone	Gooseneck Microphone with XLR output. It should be Phantom powered so that there is no requirement of batteries. The gooseneck length should be at least 21.5cm with ON/OFF switch and with LED light indicating ON/OFF status.
(b)	Wireless Microphone Units	The podium shall have a Receiver with a range of 10m & shall come with 1 Handheld Mic and One Cordless Collar mic.
(c)	Built in Amplifier Power	50 Watts minimum or higher
(d)	Speakers	Audio output should be integrable with external speakers.
(e)	Central Controller with Panel	Input ports (HDMI/USB) and Output ports (HDMI/USB). The podium shall have a controller with minimum 2 VGA inputs, 2 Audio Inputs, 2 Video inputs and required outputs to exploit all the functionality of the podium.
7	Sliding Trays	Provision for keeping laptop and Keyboard & Mouse
8	Locking Mechanism	Proper locking system for safety of the podium.
9	Power Supply and Cable, Accessories	180 -240V, 50Hz, AC Supply, Above all items with required Cable & Accessories or equivalent
10	Compatibility	Must be compatible with HD Projector
11	Fans	Suitable cooling fans to be provided in the lower body.
12	Touch Panel	7 inch touch panel
13	Document Camera	Camera for document presentation or projection (8 MP or higher)
14	Warranty & support	3 years Warranty

Lecture Delivery Software

Should Support multi touch & multi writing (on Win platform)
Native handwriting recognition of English (on Win platform)
Should have the following interactive tools/features like Pen, Eraser, spot light, curtain, shape recognition, shape editing, auto grouping, infinite color options for annotation, color bucket, back ground pattern, lines & arrows, screen capture tools (freehand capture is must), import / export files, recycle bin, unlimited pages, Cut & Paste, page navigation, save page(s), Undo/Redo, Geometric Tools like protractor, compass, ruler etc.
Should capable to annotate on any 3rd party applications

Annotation Capability & integration with MS office application (for Win platform only):
     a. MS Word: handwriting recognition & draw object
     b. MS Excel: Should draw graph w/o touching KB & Mouse
     c. MS Power point: Should Create, Edit, Save, delete & annotate slides

Should have recording feature to record application and voice.
Capability of taking Snapshot from running video (Win platform)
Should support & operational with MS Touch Pack (Free Multi Touch application on Win platform)
Recording of Lecture with Voice & Computer Application-Super Compressed recording (1-hourclass room lecture Recording with smaller file size only).

Supporting Material

Video of all training Module to all teaching faculty
Digital Manual of Lecture Delivery software