PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR (C.G.)

Accredited by NAAC with Grade A

Raipur (C.G.) – 492010

Email: registrarprsu@gmail.com **Website:** www.prsu.ac.in **Phone:** 0771-2262818

Tender No. 635/Dev/2022   Raipur, Dated: 8/12/2022

Expression of Interest (EOI)

Pt. Ravishankar Shukla University, a leading State Government University, invites Expression of Interest (EOI) for **Integration of Display Solution** of Pt. Ravishankar Shukla University, Auditorium. From leading, reputed, professionally & financially sound organization/ company or firms. The EOI documents with terms and conditions can be downloaded from web site www.prsu.ac.in. The last date of submission of sealed proposal will be **10/01/2023 (date) at 03:00 PM** (time) and will be opened on the **same day at 04:00 PM** (time) in the office the undersigned.

SPatel
8/12/22
Registrar

Related Information for Expression of Interest (EoI)

Sr. No.	Item	Description
1.	Scope of Work	**"Expression of Interest (EOI) for Integration of Display Solution of Pt. Ravishankar Shukla University, Auditorium."**
2.	Fee of EoI	NIL
3.	Last date of submission of EoI	On or before 10/01/2023 (03:00 PM)
4.	Opened date of EoI	10/01/2023 Time 04:00 PM
5.	Date and Time of Presentation by the Company/Firm who submitted EoI	Time & Date will be decided by Department Purchase Committee of PRSU and will be informed to EoI Applicants
6.	Venue of Presentation	VC Meeting Hall, Pt. Ravishankar Shukla University, Raipur (C.G.)
7.	Address for communication	Registrar, Pt. Ravishankar Shukla University, Raipur (C.G.) Ph : 0771-2262540, Fax 0771-2262583

1. Brief Information

Pt. Ravishankar Shukla University (PRSU) is a leading and oldest State Govt. University of Chhattisgarh. The University has a sprawling campus in the western part of the capital of Chhattisgarh, Raipur. The campus of University is spread in 300.17 acres of land.

Pt. Ravishankar Shukla University, invites **"Expression of Interest (EOI) for Integration of Display Solution of Pt. Ravishankar Shukla University, Auditorium."** from leading, reputed, professionally expert Organization/Company which have experience in relevant and similar work.

1.1. Submission of EoI: Service Provider proposing to submit EoI, may visit University website **www.prsu.ac.in** for downloading full document detailing the guidelines for EoI including details of Scope of work and the desired prerequisites. The EoI must be submitted in the prescribed format along with all supporting documents in compliance with the requirements of EoI. Service Provider can download the EoI documents from the university website and the EoI (complete in all respect) must be submitted on or before *03:00 PM Dated 10-01-2023.* sealed envelope duly super scribed as **"Expression of Interest (EOI) for Integration of Display Solution of Pt. Ravishankar Shukla University, Auditorium."** by Registered post/Speed post/Courier addressed to the Registrar, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. The PRSU reserves the right to accept or reject any or all the EoI's at any stage of the process or any of the terms of this document (partially or completely) without assigning any reason, no correspondence in this regard shall be entertained.

The Presentation will be held for the short listed Firm/Organization before the expert committee constituted by PRSU. The firms/ organizations will be short listed based on the evaluation of their presentations by the Committee, constituted by the competent authority of the PRSU. The date of presentation and other information's shall be intimated through the University website (www.prsu.ac.in) or by E-mail.

2. Eligibility Criteria

S.No.	Description	Document to be provided
1	Organization / Company	Certificate/Act of Incorporation
2	OEM Should have registered office in India from last 10 years	
3	ISO Certification of OEM	
4	Should have product specific representative	
5	OEM Should have Valid GST Number in India	
6	OEM Must have Service Center in State	

Other Terms & Conditions and Compliance Required

1. OEM Authorization for LED Wall as well as TV display mandatory for Specific Tender should be submitted along with the bid. General authorization will not be acceptable.

2. OEM for LED Wall should have Full Fledged Service Centre in Raipur/C.G. with company trained technicians and executives. Proof to be submitted and Service Escalation Matrix to be submitted.

3. Detailed Technical Compliance and Comparison, with respect to Model quoted should be submitted on OEM Letter Head, along with their brochure.

4. OEM should have their Branch Office in Chhattisgarh and Product Specific Representative posted in Raipur/CG, with minimum presence of 5 Years in the state. Proof and details to be submitted.

   All above documents should be attached and should form a part of technical bid. If any document is missing, the bid will be rejected.

Technical Specifications

Item Description		Supply Installation and Commissioning of Active LED Wall of 20 feet x 12feet (+/- 5%) with 3.91 mm or less Pixel Pitch as per following technical specifications complete in all respect
Physical Parameters	Pitch	**3.91mm or less**
	Pixel Configuration	3 in 1 SMD
	Weight per Square Meter (kg/m²)	26 or less
	Physical Pixel Density (pixels/m²)	65536 or more
	Flatness of Unit Case (mm)	±0.1 or less
	Cabinet Depth	**66mm or less**
	Unit Case material	Die casting Aluminum or Die Casting Magnesium
	Service access	Front & Rear Option
Optical Specifications	Minimum Brightness (After Calibration)	**1000 cd/m2 or more**
	Color Temperature	3500 - 9000 or better
	Visual Viewing Angle (Horizontal)	160 or more
	Visual Viewing Angle (Vertical)	160 or more
	Brightness Uniformity	97% or more
	Color Uniformity	±0.003CxCy
	Contrast Ratio	7000 or more
	Processing Depth (bit)	14 or more
	Power Consumption (W/m², Max.)	550 or less
	Power Supply (V)	100 to 240
	Frame Rate (Hz)	50 or more
	Refresh Rate (Hz)	**3840 or more**
Certifications	International Certifications/ Test Reports	EMC
		FCC
		CE-LVD
		UL/ETL
		REACH Certification
		ROHS Certification
Operation Specifications	Lifetime	100000 hr. or more
	Operating Temperature	-10 to +45
	Operating Humidity	0~80%RH
	IP rating Front	**IP30**
	IP rating Rear	**IP30**

LED Controller& Original OEM Software for Configuration	Inputs	HDMI HDCP 2.2, DP
	LED Controller of Same Make as LED Screen	Yes
	Resolution Supported	3840x2160 @ 60HZ or better
	Output Pixel	8.2 Million or more
	Control Ports	RS232C Loop and LAN
	LAN Output	Minimum 16 or more
	Temperature Sensor	Yes
	Chrome Adjustment	Yes
	Original LED Configuration Software of LED Screen OEM	Yes
	Brightness Adjustment	Yes
	Scaling	Yes
	HDR	Yes
	BIS Certification	Yes
	Inbuilt Digital Signage Media player &	
	Software for designing and playing content on Screen	Yes
	OPS Slot for Windows PC	Yes
	Operating System	Yes
	Signal Redundancy Support	Yes

A2- LED TV for Monitoring

1	Display Size	**75 inches or above**
2	Display technology	**IPS**
3	Native Resolution	3840*2160
4	Brightness	Minimum 300 cd/m2 or above
5	Contrast Ratio	1100:1
6	Viewing Angle	178 * 178
7	Input Ports	HDMI-3, USB 2.0 - 2, RS232C-1,RJ45-1 (Minimum)
8	Output Ports	Digital audio out, Headphone out
9	Smart Share / Screen Share	Yes
10	Built is Standard Operating System	Yes
11	Bluetooth	Yes
12	Wi-Fi	built-in Wi-Fi required
13	Audio	20Watt or more
14	Power Supply	100-240V~, 50/60Hz
15	Power Consumption (Typ.)	200 W or Less
16	Maintenance features	USB Cloning mh, SNMP, WOL
17	Operating System	WebOS
18	Accessories	Table stand, Remote, battery, HDMI cable, wall mount.
19	OEM Warranty	3 years