

Technical Specifications of Curved Display for Immersive VR Experience Quantity - 2**Bidder Eligibility Criteria-I**

Sl. No	Bidder Eligibility Criteria-I	Complied / Not Complied	Reference Page No.	Remarks, If any
1	The supplier/vendor must be an original equipment manufacturer or an authorized agent/dealer/seller of the item. The vendor should have supplied at least 3 or equivalent similar curved display units at other IITs or NITs, or national laboratories and research centres (DRDO/CSIR/BARC/IGCAR), or R&D centres of reputed multinational companies, or globally recognized universities, in the last 5 years. PO copy, or performance certificate, along with contact details (for these organizations) needs to be submitted.			

Technical Specifications II

Technical Specifications for Smart TV Screens :				
S.No	Technical Specification	Complied / Not Complied	Reference Page No.	
1	Display Size – 49 inches, Aspect Ratio 32:9 (equivalent to 2 standard monitors combined in one screen)			
2	Screen Type – IPS Curved Panel, LED or better			
3	Resolution – 5120 X 1440 or better			
4	Viewing Angle - >175 degree			
5	Brightness - 350 nits or higher			
6	Display Refresh Rate - 60Hz or better			
7	Color – Gamut (sRGB 99%), Depth – 1.07 B			
8	Connections – 3 or higher Ports HDMI, USB – 2 or higher, USB – Type C – 2 or higher, Ethernet Port – 1 or more.			
9	Sound –10 W output or more			
10	Stand – Tilt/Heigh/Swivel functionality			
11	Compatabilty – Compatible with all other devices (Windows, MacOS, iOS, and AR/VR devices like (Oculus Rift, HTC VIVE Pro, Microsoft Hololens 2)			
12	Power Requirement – AC 220-240 V, 50/60 Hz Compatible.			
13	Possibility to wall mount and supply including wall mount.			
ADDITIONAL TERMS AND CONDITIONS				
1	The system should be delivered within 14-16 weeks from the opening of the letter of credit or issue of the purchase order, whichever is later.			
2	Costs and related information should be given only in the financial bid.			
3	The cost should include all delivery costs up to IIT Madras.			
4	The warranty shall commence only from the date of equipment installation at IITM.			
5	Prices quoted should be valid for at least 90 days.			

6	Item-wise break up of cost should be provided in the commercial bid for optional items and accessories.		
7	IIT Madras reserves the right to exclude some items from the purchase. As part of tender technical evaluation, IIT Madras will approach the past end users for feedback and in case of any adverse feedback the bidder will be technically disqualified.		
8	The system should be installed and commissioned with no additional cost.		
9	Training at IIT Madras should be provided with no additional cost.		
10	System manual should be provided in CD or pen drive form.		
11	Services and spares should be readily available within India.		
12	Warranty: 3 years onsite.		
	●Optional Quote-1: Additional 2 years warranty may be quoted separately.		
	●Optional Quote-2: AMC beyond 3 Years Warranty period		
NOTE: Optional quotes will not be taken up for price bid comparison			
Technical Bid should comprise of the following:			
1	Detailed Technical brochure.		
2	Detailed technical write up explaining how each of the Technical Specifications are complied with, indicating the location in the brochure.		
3	The vendor should guarantee round the clock technical support not only during the warranty period but even beyond through an annual maintenance contract. Demonstration of having provided such satisfactory technical support to customers shall be enclosed with the technical bid.		
4	The manufacturer must have a well-qualified technical support team.		

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified)