

NOTICE INVITING QUOTATIONS

Quotations in sealed cover are invited for a smart AV system consisting of (i) an Interactive Smart Board and (ii) a DLP projector, meeting or exceeding the following specifications. Quotations for only one of the two components may not be entertained.

Interactive Smart Board using Infrared sensing with the following minimum specifications. Please indicate if you exceed the specifications in the attached table.

	<i>Component</i>	<i>Specification</i>	<i>Quoted Specificaton</i>
1	Board size	105" diagonal	
2	Technology	Infrared	
3	Touch system	(a) Pen as well as (b) finger	
4	Touchable range	84" x 46" (2145 x 1159mm)	
5	Resolution	4096 x 4096 pixels	
6	Response time	First dot 25ms, continuous dot 8ms	
7	Cursor speed	120 inches/second	
8	Co-ordinate accuracy	3mm	
9	Interface Port	Both wired USB and wireless USB connectivity to be provided	
10	Dimensions	91" x 51" or larger	
11	Operating system	Windows 7 and Ubuntu (11.10 or higher)	

	<i>Component</i>	<i>Specification</i>	<i>Quoted Specificaton</i>
12	Application software	<p>Annotation software allowing interactive live drawing/text annotation on projected still/video images on the board; provision for editing, background selection and input custom graphics/images , identification of standard graphics such as lines, triangles, circles, rectangles, etc. with provision of measurement of lengths, angles, etc.</p> <p>Additional software for accessing tools on the attached PC, for browsing, etc.</p> <p>Provision for audio/video recording of entire session with output in avi and other standard formats.</p> <p>Storage of entire session in pdf/html formats.</p>	
13	Included accessories	(a) 3 interactive pens (red, black and blue) (b) eraser, (c) pen tray(d) floor stand	
14	Operating humidity	20-90%	
15	Warranty	5 years comprehensive on-site	
16	API	API for software to access the board from Windows and Ubuntu Linux (11.10 or higher)	
17	Training seessions for use of the board	Minimum of 2 sessions to be scheduled in consultation with the users	
18	Information	Detailed manuals, income tax/sales tax information, prior installations at IITs/universities, delivery schedule	

The price quoted should include the cost of wall mounting/installation (including electrical fittings

required if any), including any kits/mounting accessories that may be needed.

DLP Short Throw Projector

with the following minimum specifications. Please indicate if you exceed the specifications in the attached table.

	Image size	105" diagonal at a distance of 5 ft or less	
1	Native Resolution	XGA 1024 x 768 or higher	
2	Brightness (Normal Mode)	2700 lumens	
3	Lamp Life (Normal Mode)	5000 hours	
4	Lamp Power	180W UHP or higher	
5	Contrast Ratio	3000:1	
6	Colour Wheel	6 Segment, 2x Speed	
7	Input Sources	VGA x 2, Composite Video, S-Video, 3.5 mm stereo input, RS232C, USB B Mini (control & firmware)	
8	Output Sources	Monitor out (VGA), Audio out	
9	Control	Projector Keypad, IR Remote, RS232, USB B Mini for mouse	
10	Audible Noise	30 dB Normal Mode (28 dB Eco Mode)	
11	Projection Offset	130% ±5%	
12	Number of Colors	16.7 million	
13	Aspect Ratios supported	4:3 (Native), 16:9, 16:10, Auto	
14	Product Weight	2.5 kg or lower	
15	Warranty	2 years comprehensive on site	
16	Lamp Warranty	6 months or more	

17	Accessories	Indicate accessories such as zoom or other lens/filter attachments	
18	Information	Detailed manuals, income tax/sales tax information, prior installations at IITs/universities, delivery schedule	

The price quoted should include the cost of wall mounting/installation (including electrical fittings required if any), including any kits/mounting accessories that may be needed.

Shortlisted vendors may be required to provide a demonstration of the item(s) prior to finalization of the purchase.

Technical Specifications should include the filled up tables shown above.

Separate sealed envelopes containing (a) technical and (b) commercial specifications should be enclosed in a larger sealed envelope marked "SMART AV SYSTEM" and addressed to

Professor Jayadeva

VDTT Office, Block IV, Room No. 202,

IIT Delhi

Hauz Khas, New Delhi – 110016.

Quotations should reach on or before 5 pm on or before 24 Sep 2012.