

**DEPARTMENT OF ENGINEERING DESIGN
INDIAN INSTITUTE OF TECHNOLOGY IITMADRAS**

Limited Tender


Ref: No: EDD/RKRI/2017-2018/08/003

Date: 08.08.2017
Due Date: 21.08.2017

Subject: Specifications for full HD projector, ambient light rejection screen with warping and blending software.

Dear Sir/ Madam,

1. Quotations are invited in duplicated for the various item shown below over leaf/enclosed list.
2. The quotations are to be two parts – **One Technical and Commercial offer:** The two parts of the offer are to be clearly marked on the envelopes. The two parts of the offer in separate envelopes must be enclosed in the bigger envelope duly sealed and super scribed with reference number and date and due date must be addressed to the under signed so as to reach him on or before the due date stipulated above.
3. The quotations should be valid for (60) sixty days from the due date and period of delivery required should be clearly indicated.
4. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price .If so please send copy of the RC. (Please note that we are not Direct Demanding Officers).
5. Relevant Literature pertaining to the items quoted with full specifications. (and drawings if any) should be sent along with quotations, wherever applicable. Samples if called should be submitted free of charges and collected back at the supplier's expenses.
6. **Local firms:** Quotations should be for free delivery to this Institute. If quotations are for Ex – Godown delivery charges be indicated separately.
7. **Firms outside Chennai:** Quotations should be for F.O.R Chennai / F.O.B. Chennai / CIF Chennai (Including Insurance and Freight Charges). If Ex-Works, Packing, forwarding and freight charges must be indicated.
8. The rate of Sales/General Taxes / and the percentage of such taxes legally leviable and intended to be claimed should be distinctly shown along with price quoted. If this is not indicated no such claim will be admitted at any stage. **The taxes leviable should take into consideration that we are entitled to have concessional sales tax applicable to Non – Government Educational institutions run with no profit motive for which a concession is given. Sales tax certificate will be issued at the time of final settlement of the bill.**
9. IIT Madras is exempt for payment of Excise duty and is eligible for concessional rate of customs duty. Necessary certificate will be issued on demand.
10. Goods should be **supplied by carriage paid and insured.**
11. Goods shall not be supplied **without an official supply order.**
12. **Payment:** Every short effort will be made to make payment within 30 days from the date of bill/acceptance of goods whichever is later.
13. The Guarantee period of the item may be indicated clearly.
14. **Acceptance and Rejection:-** IITM has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.



PROJECT CO-ORDINATOR
Department of Engineering Design
Indian Institute of Technology Madras
Chennai - 600 036.

Specifications for full HD projector, ambient light rejection screen with warping and blending software

Projector [x3 nos.]	Enterprise class projectorsuitable for geometric correction (warping) and flexible alignment of individual corners f projection image
Native Resolution	full HD : 1920 x 1080 or higher
Aspect ratio	16:9 ,16:10, 4:3
Contrast ratio	3000:1 or more
Image size	80 inch or lower to 110 inch or more
Brightness	3000 ANSI lumens or more
Keystone adjustment	2D horizontal/vertical
Interfacing	LAN control (RJ45)
Lens shift	Vertical lens shift, Optionally horizontal lens shift
Cable converters	Male HDMI – male DP [x3] 3m length Any other cables as per installation requirement
Projection screen	Single seamless 180 ⁰ curved fixed frame screen* with ambient light rejection properties Radius of curvature of the screen : 2.5 - 2.7m width of the screen : 1.3 – 1.5 m Screen bottom should be at a height of 3 - 4ft. from the ground. * Kindly refer to the attached image
Screen capability	Suitable for full HD, 4K and 3D compatible
Warping and Blending software	Enterprise class Warping and Blending software suitable for blending 3 projection images to single image and warping it to customized screen
Software features	<ul style="list-style-type: none"> • Synchronized playback • Keystone correction • Softedge blending and warping • 4K playback support • Multiple Video formats • Real-time effects • Direct control

Note: Support structure for the projector and the screen should also be provided. Please note that there is no wall in the lab for mounting the screen. Appropriate structure should be provided for mounting the screen and the projectors. Complete installation responsibility including hardware and software lies with the supplier. There should not be any splits in the screen. The screen should be seamless. You are invited to inspect our facility before quotation.

If felt that warping and blending requires additional hardware, kindly furnish all the details

For any details please contact Mr. Krishna Teja Ph: 8524824823


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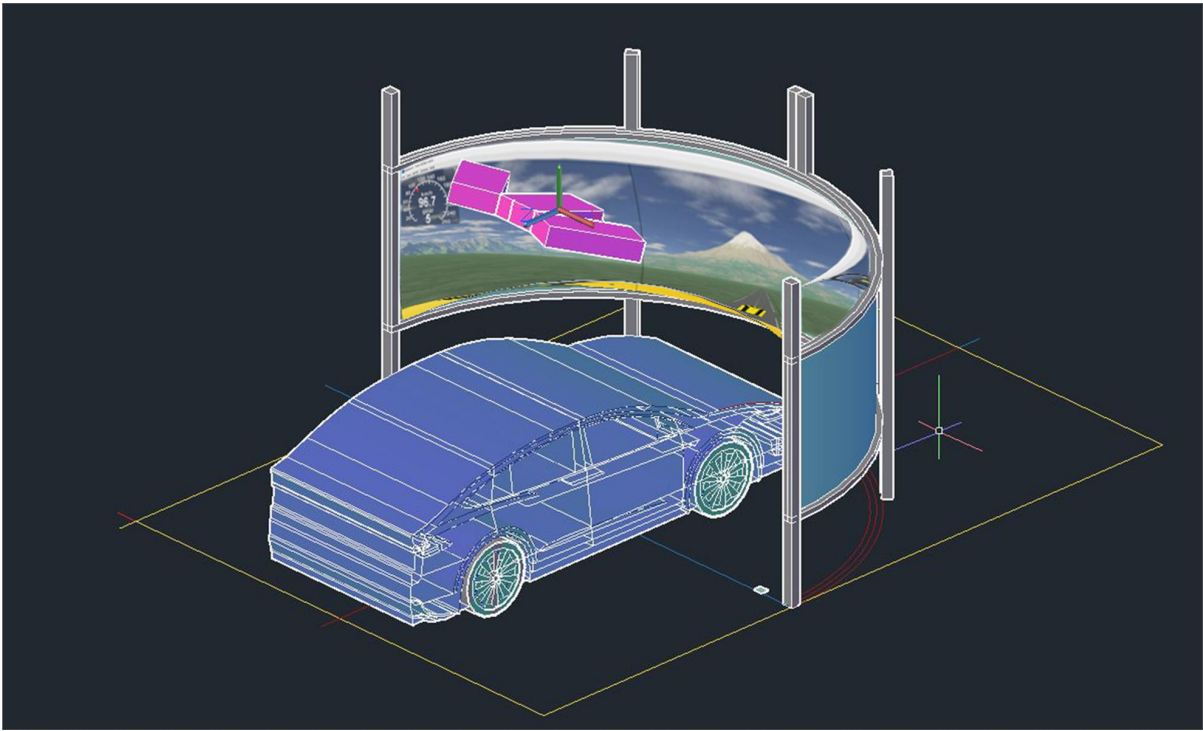


Figure 1 : side view of projectors hanging and curved screen projection

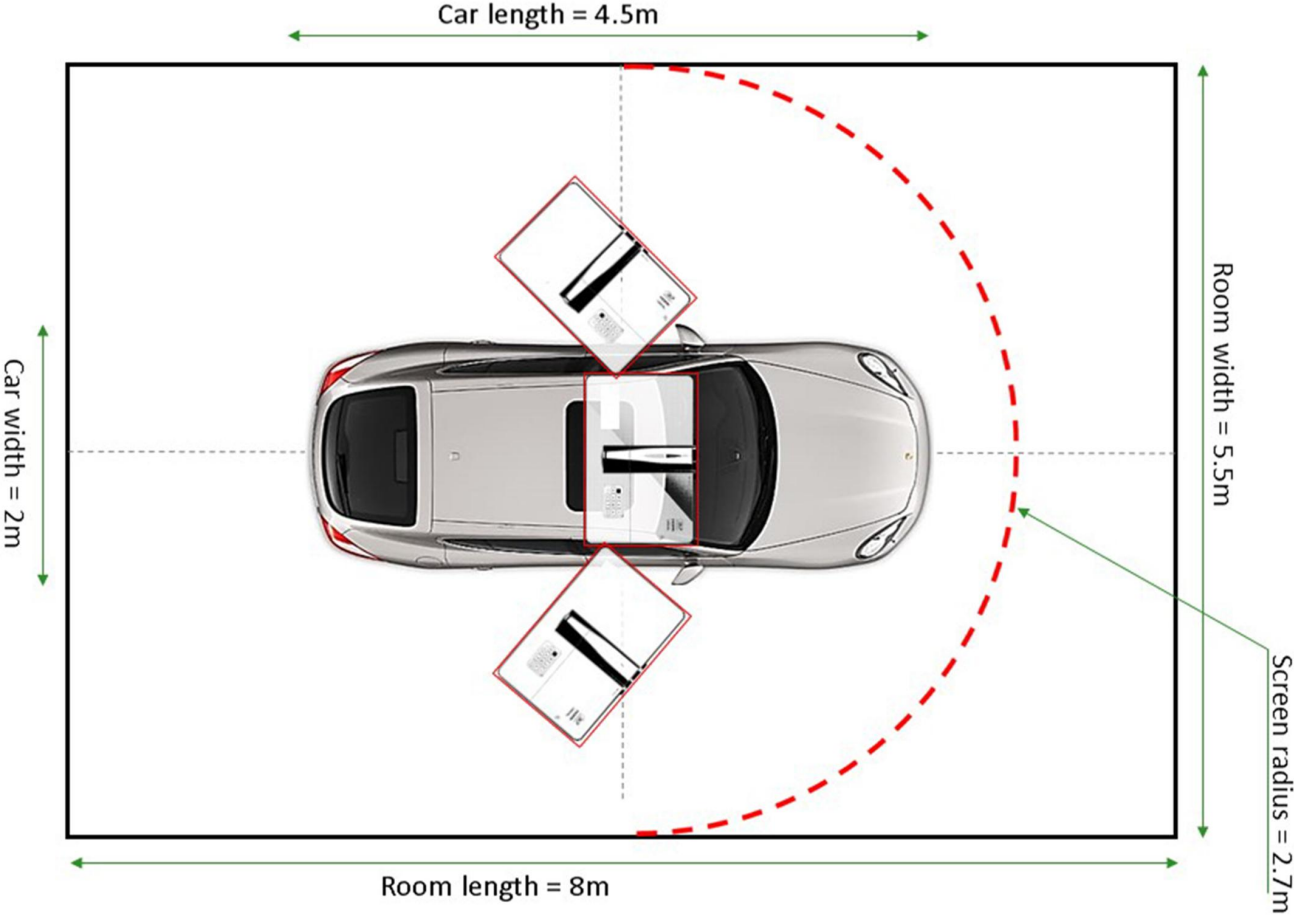


Figure 2 : dimensions (approx.)

R. Kiran Kumar
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