

**Institute for Plasma Research**  
**(An Autonomous Institute of Dept. of Atomic Energy)**  
**Bhat, Gandhinagar**

**TERMS & CONDITIONS**

ITEM DESCRIPTION	<b>Supply of complete integrated Virtual Reality System along with installation, commissioning, integration and training as per the details given in the tender document.</b>	
Sl. No.	PARTICULARS	REMARKS
I	<b>Name of the Supplier</b>	
II	<b>IPR Enquiry NO &amp; Date</b>	IPR/TN/PUR/TPT/ET/17-18/38 DATED 27-02-2018
III	<b>Vendor Offer No &amp; Date</b>	
IV	Postal address	
V	Contact with STD code	
VI	Fax with STD code	
VII	Name of Contact person	
VIII	Mobile No.	
IX	e-mail ID	
X	<b>Currency of offer/quotation</b>	<b>INR</b>
	<b>SCANNED COPY OF THE BELOW MENTIONED DOCUMENTS NEED TO UPLOAD AT <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a> AT THE TIME OF PARTICIPATION OF TENDER WITHIN THE PERIOD OF SUBMISSION.</b>	<b>"YES" OR "NO"</b>
1	<b>Certificates:</b>	
	i) Registration Certificate if Any, with DGS&D/NSIC/MSME	
	ii) PAN (Permanent Account Number) Registration	
	iii) Certificates of Registration for GST	
	<b>Commercial Terms for Quoted items (Please Provide Commercial terms and conditions in the below form)</b>	
2	Price Shall be firm and fixed through out the currency of contract, in the event of placement of purchase order.	
3	Have you offered Packing and forwarding charges in the price bid (if applicable)?	
4	Have you specified HSN / SAC Code for Goods and Services Tax in Price Bid?	
5	Have you offered Freight charges in the price bid?	
6	Have you offered Insurance charges in the price bid?	
7	<b>Delivery including integration &amp; commissioning:</b> Within 32 weeks from the date of LOI/Contract.	
8	Liquidated Damages:- as per <b>Sr. No. 22</b> of Form No <b>IPR-LP-ET-02.V2</b> (Terms and Conditions) attached with the tender/enquiry	
9	Terms of Payment:- as per <b>Sr. No.37</b> of Form No <b>IPR-LP-ET-02.V2</b> (Terms and Conditions) and deferred terms and conditions attached with the tender/enquiry	
10	Guaranty / Warranty:-Three years comprehensive warranty/ guarantee for all equipment including third party items in VR System & 10 years warranty on the mechanical structures for screen and projectors from the date of acceptance against all sorts of manufacturing defects, faulty material and poor workmanship (Pleaser refer to deferred terms and conditions and clause No. 9 of Section-C for more details)	
11	<b>Validity of offer/quotation:- 120 days from the date of opening of tender</b>	
	<b>QUESTIONNAIRE TO BE FILLED BY BIDDER IN AND SENT ALONG WITH OFFER DULY SIGNED</b>	
12	In the event of a purchase order/contract vendor has to provide Security Deposit in the form of Bank Guarantee for 10% of contract/ order value from SBI/nationalized banks or any one of the scheduled banks mentioned in the bracket (Axis Bank, HDFC Bank, ICICI Bank and IDBI Bank) valid till final acceptance of the supplied goods at IPR, wherever applicable shall be submitted .	
13	In the event of a purchase order/contract Performance Bank Gurantee for 10% of the contract/order value from SBI/nationalized banks or any one of the scheduled banks mentioned in the bracket (Axis Bank, HDFC Bank, ICICI Bank and IDBI Bank) valid throughout the guarantee period, wherever applicable shall be submitted.	
14	I/We hereby offer to supply the stores detailed in the schedule hereto at the price given in the said schedule and agree to hold this offer open till expiry of quotation. I/We shall be bound to supply the stores hereby offered upon issue of purchase order communicating the acceptance thereof on or before the expiry of the last mentioned date. You will be at liberty to accept any one or more of the items of stores tendered for or portion of any or more of the items of such stores and I/We notwithstanding that the offer in the tender has not been accepted in whole shall be bound to supply to you- such item or items and such portion or portions of one or more of the items as may be specified in the said Purchase Order communicating the acceptance.	

15	I/we have understood the General Conditions of all Contracts and special conditions of contract governing supplies of plant and machinery in the Form No. IPR-LP-ET-02.V1, included in the General Conditions of all Contracts and special conditions of contract governing of plant and machinery applicable to contracts placed by the Institute for Plasma Research and the instructions to Tenderer annexed to the invitation to tender Form and have thoroughly examined the specification / drawing and / or pattern quoted or referred to in the Schedule hereto and am/are fully aware of the nature of the stores required any my/our offer is to supply stores strictly in accordance with subject tender to the terms and conditions stipulated in your above Form No. IPR-LP-ET-02.V1 and also contained in the Purchase Order Communicating acceptance of this Tender.	
16	Whether All Documents Related to tender Viewed?	
17	Vendor should upload the complete technical details (Technical specifications with product data sheet	
18	In case of two part tender whether unpriced quotation has been uploaded (Failing which offer will not be considered for technical evaluation)	
19	<b>Free Issue Material:</b> Successful tenderer will have to arrange insurance showing beneficiary as "Institute for Plasma Research" at their risk and cost towards adequate security for the materials/property provided/issued by the Purchaser as Free Issue Material for the due execution of the contract, wherever applicable.	

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Eligibility Criteria

ITEM DESCRIPTION	Supply of complete integrated Virtual Reality System along with installation, commissioning, integration and training as per the details given in the tender document.		
Sl. No.	PARTICULARS	REMARKS	
I	Name of the Vendor		
II	IPR Enquity NO & Date	IPR/TN/PUR/TPT/ET/17-18/38 DATED 27-2-2018	
III	Vendor Offer No & Date		
Sr. No.	Criteria	Documents required to upload	Status of Documents (Uploaded/ Not-Uploaded in e-Tender Portal)
1	Bidder shall be a system integrator for VR system.	a) Bidder must provide their company profile showing the expertise and experience in VR system. b) List of previously executed jobs along with succinct details of the key VR system elements and customer order references.	
2	Bidder shall have successfully executed at-least one installation for a VR system at a single location with a single order value of Rs.150 lakhs for any government or non-government organization in India.	a) Bidder should submit copies of Purchase orders along with all technical details and annexures describing the VR system in the scope of the order. b) Bidder should submit copies of installation reports and/or completion certificates certified by the customer indicating the purchase order references.	
3	The Bidder must have been permanent establishment in India for the period of at least three (3) years as on the date of this tender.	The bidder must submit copies of documents which are suitable as proof for the date of establishment in India.	
4	The quoted 'Real-time visualisation software' (as per the technical specifications) should have at-least one installation in any government or non-government organization within India.	Bidder must submit copies of installation reports and/or completion certificates certified by the customer indicating the purchase order references.	
5	<b>Mandatory Document:</b> The Bidder must submit authorization and agreement letters (Annexure-1 and Annexure-2) from their OEMs for the sales & support and compatibility of the VR display systems they intend to offer for this tender		
6	<b>Mandatory Document:</b> The Bidder must submit authorization and agreement letters (Annexure-1 and Annexure-2) from their OEMs for the sales & support and compatibility of the VR optical tracking systems they intend to offer for this tender.		
7	<b>Mandatory Document:</b> The Bidder must submit authorization and agreement letters (Annexure-1 and Annexure-2) from their OEMs for the sales & support and compatibility of the Real-time Visualization Software they intend to offer for this tender		

**Note:** For the purpose of this tender the 'VR System' shall mean a virtual reality system including display system with integration of system elements including (a) Projection system and display screens, (b) 6 Degree-of-Freedom tracking system and (c) Real-time 3D visualization software components.

<b>The response to tender without submission of proof of above points will summarily be rejected without further communication</b>
<b>The bidder shall not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government agencies</b>
<b>Original documents shall be produced for verifications, if required.</b>
<b>Bidder shall submit all the mandatory documents listed above as proof of compliance to eligibility criteria. Non submission and/or partial submission may lead to rejection of the bid. Bidder compliance to the eligibility conditions shall be mandatory requirement as part of technical acceptance of the bid</b>
<b>Bidder shall be a solo participant on their own. Joint Venture or Consortium Bidding shall not be considered</b>
<b>Eligibility conditions shall be compliant by bidder's i.e. "VR System Integrator's" own credentials.</b>

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**TECHNICAL SPECIFICATIONS & COMPLIANCE SHEET**

<b>ITEM DESCRIPTION</b>	<b>Supply of complete integrated Virtual Reality System along with installation, commissioning, integration and training as per the details given in the tender document.</b>
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<b>Name of Vendor</b>	
<b>IPR Enquiry No and Date</b>	<b>IPR/TN/PUR/TPT/ET/17-18/38 DATED 27-2-2018</b>
<b>Vendors Offer No and date</b>	

Sr.No	Parameter	Specification	Specification of quoted item	Remarks
1		A complete solution including projectors, display screens, stereoscopic glasses, mounting structure, tracking system and with all necessary hardware accessories has been quoted by the Integrator/Bidder		
2		Detailed drawings of the Projector, Screen and Mirror arrangements to get required display parameters on each screen and viewable area has been submitted along with offer.		
3		The Integrator/Bidder has to confirm compatibility of the proposed Projection systems, Screens and tracking devices with each other.		
4		The proposed projection-display system and its mechanisms should be totally interconnected with all components within the set footprint / space available.		
5		The Integrator/Bidder should also take care on Installation / Integration with all inter connects required for the system.		
6		The OEMs for projectors, tracking devices, Screens, VR middleware has to provide an undertaking for the compatibility of their respective proposed product.		
7		Available Space at IPR for complete VR system Height: 5m max Width: 8m max Depth: 8m max		

**2. Projection System (Qty: 3 No.)**

8	Image	Brightness: Minimum 6000 ANSI lumens @ 200-240V		
		Uniformity: 80% brightness uniformity or better		
		Rear Projection for Front and Side screens and, Front projection for Floor screen		
9	Number of Projectors	There should be only single Projector for each screen Total : 3 Projectors		
10	Display	Type: The offered display environment needs to be a seamless edge butted display created using a high-resolution 3 chip DLP / Darkchip 3 or better /equivalent projection system		
		Native resolution: WUXGA (1920 x 1200) or higher@ all frequencies from 96 – 120 Hz with 3D stereo sync outputs		
11	Resolution per facet	Two at 1920 x 1200 or better (Front and Floor) One at 1200 x 1200 or better (Side)		
12	Total Resolution	6 Megapixel or higher		
13	Aspect Ratio	Two at ~16:10 One at 1:1		
14	3D Capability	The projectors should be Active stereo3D and should support frame sequential 120Hz input at above mentioned resolution		
15	Light Source	High quality Lamp/ Laser		
		Life of Lamp Source: 1500 Hours or higher		
16	Standard Input	DisplayPort – 2 Nos. or higher		
		Dual-link DVI – 1 No. or higher		
		HDMI – 1 No. or higher		
		3D Sync Connector		
17	Inputs/outputs, control and networking	RS232 In/Out Ethernet (RJ 45)		
18	Lens	Fixed : 1.1:1 or better		

19	Standard Accessories	Power cables, Display Cables all inter-connectors,3D sync card to maintain proper signal quality		
20	Power	Operating voltage: 230 ± 10% VAC @ 50 Hz		
21	Operating environment	Temp: 10 to 40° C		
22	Warranty	As per Warranty Clause (Section-C-Section 9)		
23	Floor Screen Projection	For the projection on the Floor screen only, a first surface mirror arrangement must be used to fold the light and cut down on the space used for projection throw from the projector to the screen.		
<b>3. Projector Mechanics: (Qty – 3 Sets)</b>				
24	Suitable projector mechanics to hold the projector to be provided.			
25	The material used for this structure should be of adequate tensile strength/ OEM recommended to hold the projector stably without oscillations or vibrations including micro vibrations.			
26	This structure should be with a six degree of freedom base with appropriate control to keep the projectors aligned and allow for movement as per the requirement at site.			
27	The warranty as per Warranty Clause (Section-C-Section 9)			
<b>4. Display Screens (Qty: 3 Nos.)</b>				
28	Screen size and type	One 3.2 to 3.5m x 2 to2.2m soft screen (Front) One 2 to2.2m x 2 to2.2m soft screen (Side) One 3.2 to 3.5m x 2 to2.2m soft screen (Floor)		
<b>4.1 Front and Side Screens with rear projection</b>				
29	Type of material : Flexible Screen (fabric)			
30	Peak Gain : 1.0 or better			
31	Half gain : 60 + Degrees			
32	Minimum Throw Distance : 1.0 X Image Width or higher with fixed lens			
33	No banding should be visible on the edges of the screens It Should be flame resistant			
34	There should be smooth edge butting andpixel matching of the images at the edges of the different screens			
35	When laid flat, there should not be any crease.			
<b>4.2 Floor Screen with front projection</b>				
36	Type of material : Flexible Screen (fabric). The appropriate hard base for the floor on which the fabric will be placed must also be supplied by the Bidder.			
37	Peak Gain: 1.0 or better			
38	Half Gain: 60 + Degrees			
39	Ambient Light Front Reflectance Value: 80% or better			
40	Ambient Light Resistance: Fair			
41	Minimum Throw Distance: 1.0 x image width or higher			
42	No banding should be visible on edges			
43	Should be flame resistant			
44	When laid flat, there should not be any crease.			
45	If user needs to wear any kind of special material shoes, The details must be supplied by Integrator/Bidder			
46	The warranty as per Warranty Clause (Section-C-Section 9)			
<b>5. Screen Mechanics: (Quantity – 3 Sets: 1 set each for front, side and floor</b>				
47	Suitable structure to be provided to hold the screen material in the three sided pattern as mentioned above			
48	Suitable structure with adequate strength/OEM recommended to be provided to hold the screen material in the three sided pattern as mentioned above			
49	Warranty As per Clause (Section-C-Section 9)			
<b>6. Stereoscopic Glasses: (Qty – 20 Nos.)</b>				
50	Sync Operation : IR/RF			
51	Transmission in Clear State : 30 % or better			
52	Residual Light : 15% or better			
53	Contrast : > 200:1 ( no Ghosting )			
54	Weight :< 60 grams			
55	The warranty as per Warranty Clause (Section-C-Section 9)			
<b>7. Stereoscopic Emitter: (Qty – 2 Nos.)</b>				
56	IR/RF			
57	Compatible to the stereoscopic glasses			
58	Max Emitting Range : 5m or higher			
59	The warranty as per Warranty Clause (Section-C-Section 9)			

<b>8. Tracking System (Qty: 1 No.)</b>				
60	The tracking should be completely camera based motion tracking.			
61	The tracking system should be compatible to the Real Time 3D Visualization software, Projection systems, Screens and all other quoted items.			
62	The user should not need to wear any kind of detectors or special clothing.			
63	Integrated system should allow typical virtual prototyping operations like grabbing, rotating, moving and placing a 3D object in the virtual scene.			
64	The tracking should come with the supporting controller and software.			
<b>8.1 Tracking Camera (Qty: 4 Nos.)</b>				
65	Infrared optical 6 DOF tracking camera, to work with active/passive markers.			
66	Inbuilt infrared flash (NIR)			
67	Max. tracking distance: up to 5 meter or more			
68	Modulated flash for active marker synchronization			
69	Frame rate : 120 Hz			
70	Standard focal length: f = 3.5 mm or better			
71	Cable for Data out : Fire-wire			
72	Camera Sync: Ethernet			
<b>8.2 Controller (Qty: 1 No.)</b>				
73	Easy remote access through front-end software			
74	Data output via Ethernet			
75	Simple camera and target management			
76	Flexible adjustment of room and body coordinates			
77	Convenient configuration management			
78	Software Interfaces: trackd, VRPN or direct via SDK			
79	Open-Tracker Support and API should be provided.			
<b>8.3 Wireless joystick &amp; Head-Tracking: (Qty - 2 Nos. Each)</b>				
80	6 DOF tracking			
81	Analog/Digital joystick and minimum 6 buttons			
82	Wireless transmission (ISM band)			
83	Protected passive target			
84	The system should allow working with two wireless joysticks, however, only one wireless joystick should be tracked at a particular time for interaction.			
85	The warranty as per Warranty Clause (Section-C-Section 9)			
<b>9. Real Time 3D Visualization software for Virtual Reality Facility (Qty: 1No.)</b>				
86	Display seamlessly the 3D models in Real Time to the proposed VR facility ( 3 Sided Display System)			
87	No data conversion or limitation for size, resolution, shape or performance during rendering			
88	Display of 1:1 scale models or greater without any sort of data conversion or data loss			
89	Interaction with model in real time using tracked devices			
90	Features	Transparently display the existing 3D application on specified display system		
		No data conversion. No export or import process should be required.		
		No Programming should be required. It should be plug and play type system to visualize any model in immersive 3D		
		Allows natural interaction with the 3D model using a 6DOF Force feedback haptic device (direct interaction with CATIA v5 along with API for manipulation with collision avoidance). However, The haptic device is not in the scope of supply of this tender.		
91	Software Compatibility	No data conversion. No export or import process should be required from the native CAD application Dassault Systems CATIA, DELMIA (compatibility to V5-R23) and 3D-Via Composer		
		No Programming should be required. It should be plug and play type system to visualize any model in immersive 3D		

		3D applications supported should be Dassault Systems CATIA, DELMIA (compatibility to V5-R23) and 3D-Via Composer		
92	Display System Compatibility	Visualization Software should be a middleware solution to display directly any existing 3D applications on 3 Sided Fully immersive display system without making modification of the existing 3D application or importing into a separate application integrating tracking information for immersion and providing a broad range of functionalities and scenarios of use.		
93	Architecture	The Visualization Software should grab the 3D content (3D models) from unmodified existing 3D OpenGL applications, running on one main workstation, and sends it in real time to the cluster of computers connected to the projection system.		
94	Tracking System	The solution should allow to combine information from any the specified tracking system, VRPN compliant, to the VR environment.		
		The solution should enable to create a VR experience by computing the appropriate stereoscopic point of view combining models, stereoscopic projection and head tracking.		
		The Solution should be seamlessly compatible to the proposed 6 DOF tracking system.		
95	Native Applications	The models are displayed exactly in the same way as in the original application. If the application has textures, shaders or post-processing effects (real time compliant), the solution should display them.		
		If the application can play an animation in real time, the solution should display the same animation also in real time.		
96	Stereo Functionality	The solution should enable to add stereo to non-stereo application without modifying the original application.		
97	Navigation Functionality	The user shall have the choice to either navigate in the original application, using the mouse and keyboard inputs, or to use a tracked Navigation device (6DOF wireless joystick/ haptic arm) and navigate in the VR environment.		
		The navigation performance in the VR environment with the solution is accelerated compared to the original application. There is no need optimize or simplify the datasets for the project review. The solution shall integrate and interface with the Navigation device.		
98	Licensing	<b>The licenses must be perpetual</b>		
99	Cluster Compatible	Software should have capability to run across a multiple PC cluster to increase render and computer performance		
100	User Tools	Software should allow user to work on the model from the native application with a navigation device in stereo mode.		
		The following functions should be accessible in the VR environment: bookmarks recording, measurement between points in the model, Object Pick, Collision detection, clipping plane and zoom, snapshot, hide and show part, annotations in stereo image output on the main display screen, animation recording and video exporting.		
		The bookmark functionality should enable the user to record a set of model view positions and to go back to these positions later, during the same session or in another review session.		

		The measurement functionality should enable the user to select two points in the model and measure the distance between those two points. Furthermore the measurement tool should offer the possibility to measure angle between surfaces or diameter of circle shape by adding 3 points on this circle		
		The user can place and move a clipping plane that provides a section of the model (as it is) to see the inside content. Adding more clipping planes should be offered.		
		The zoom functionality should enable the user to change interactively the scale of the model to have a better view of the details. Zooming in or out, decreasing or increasing the scale of the model should be the 2 possible actions. Coming back at scale 1 should be offered easily.		
		The snapshot functionality should enable the user to take a picture of the current model view as image file (jpg, png, gif), that can be saved on the main workstation for paper report.		
		The hide & show parts functionality should enable the user to select interactively some parts of the model and hide them to have a better understanding of the important parts of the model		
		The annotation functionality should provide the user a way to stick interactively virtual flags on the model to point out specific issues seen during the review. This annotation should be saved as VRML files, to be uploaded in 3D native application		
		Animation Recording should enable the user to record his walkthrough and save it as an animation. Such animation can be later replayed with the same 3D model in VR.		
		Software Video Recording should enable the user to record all actions and model navigation and export that as a AVI movie for review debriefing, training or product documentation		
101	Warranty	The warranty as per Warranty Clause (Section-C-Section 9)		
<b>10. 10-Gigabit Ethernet Managed Switch (Qty: 1 No.)</b>				
102	Number of Ports	Minimum 24		
103	Buffer size	3 MB or more		
104	SFP ports	Min. 04 SFP+ 1000/10GBASE-X fiber ports (dedicated)		
105	Operating temperature	0° to 50°C		
106	MTBF (@ 25° C)	500,000 hours or more		
<b>11. Audio System</b>				
107	Inputs/Outputs	<ul style="list-style-type: none"> <li>· 4x HDMI inputs or more</li> <li>· 2x optical digital audio connections or more</li> <li>· 2x coaxial digital audio connections or more</li> <li>· Analogue L/R audio inputs</li> <li>· 1x 3.5 mm connection</li> <li>· Ethernet port control and updates via network</li> </ul>		
108	Supported Audio Format	<ul style="list-style-type: none"> <li>· Dolby Digital,</li> <li>· Dolby Digital Plus,</li> <li>· Dolby TrueHD,</li> <li>· Multichannel PCM</li> </ul>		



109	Amplifier	<ul style="list-style-type: none"> <li>· Rated Output Power:</li> <li>- 2Ω Dual (per channel) 550-775W,</li> <li>- 4Ω Dual (per channel) 350-525W,</li> <li>- 8Ω Dual (per channel) 300W<sub>SEP</sub></li> <li>- 8Ω Bridge ~1000W,</li> <li>- 4Ω Bridge ~1,500W.</li> <li>· Crossover frequency: 50Hz to 3kHz</li> <li>· Amplifier Class D</li> <li>· Load Impedance: 2 to 8 ohms per channel in stereo, 4 to 8 ohms in Bridge Mono.</li> </ul>		
110	Surrounding Speakers	<ul style="list-style-type: none"> <li>· Frequency range: 40Hz to 19KHz (-10dB) or better</li> <li>· Power Capacity: 300 W or more with continuous program power</li> <li>· Nominal Impedance: ~8 ohms</li> </ul>		
111	Sub-Woofer	<ul style="list-style-type: none"> <li>· Frequency range: 42 Hz - 200 Hz (-10 dB)</li> <li>· Frequency response: 48 Hz - 120 Hz ( ± 3 dB)</li> <li>· Power Capacity: 800 W or more with continuous program power</li> <li>· Nominal Impedance: ~8 ohms</li> </ul>		
112	Microphones	2 Nos. of wireless mics		
<b>12. Training</b>				
113	Training at IPR	The training to IPR personnel to be provided by bidder/integrator as per training Clause (Clause-8 of Section-C)		

**PRICE SCHEDULE (Section-D)**

IPR Enquiry NO & Date with Item Description :	<b>IPR/TN/PUR/TPT/ET/17-18/38 DATED 27-02-2018</b> <b>for "Supply of complete integrated Virtual Reality System along with installation, commissioning, integration and training as per the details given in the tender document"</b>
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From

NAME OF THE CONTRACTOR :	
Offer no & date:	

Sl.No	Item Description	Tendered Quantity	Unit of Measurement (UOM)	Type of Currency	HSN / SAC Code (*1)	Rate in INR			Packing and Forwarding Charges Per Unit (In percentage)		Freight Charges Per Unit (In percentage)		Insurance per unit (In percentage)		Remarks
						Basic Unit Rate	Discount (in amount)	Basic Unit rate after discount	(in %) Only	Amount	(in %) Only	Amount	(in %) Only	Amount	
	<b>Supply of complete integrated Virtual Reality System along with installation, commissioning, integration and training consisting of</b>														
<b>1</b>	<b>DISPLAY SYSTEM related</b>														
	a) Projection System	3	Nos	INR			0.00			0.00		0.00		0.00	
	b) Projection Mechanics	3	Sets	INR			0.00			0.00		0.00		0.00	
	c) Display Screen (Front Screen)	1	Set	INR			0.00			0.00		0.00		0.00	
	d) Display Screen (Side Screen)	1	Set	INR			0.00			0.00		0.00		0.00	
	e) Display Screens (Floor Screen)	1	Set	INR			0.00			0.00		0.00		0.00	
	f) Display Screens Mechanics	3	Sets	INR			0.00			0.00		0.00		0.00	
	g) Stereoscopic Glasses	20	Nos	INR			0.00			0.00		0.00		0.00	
	h) Stereoscopic Emitters	2	Nos	INR			0.00			0.00		0.00		0.00	
<b>2</b>	<b>TRACKING SYSTEM related</b>														
	a) Tracking camera	4	Nos	INR			0.00			0.00		0.00		0.00	
	b) Tracking system controller	1	No	INR			0.00			0.00		0.00		0.00	
	c) Wireless Joystick	2	Nos	INR			0.00			0.00		0.00		0.00	
	d) Head Tracking	2	Nos	INR			0.00			0.00		0.00		0.00	
	e) Real Time 3D Visualization Software	1	No	INR			0.00			0.00		0.00		0.00	
<b>3</b>	<b>10-Gigabit Ethernet Managed Switch</b>	1	Nos	INR			0.00			0.00		0.00		0.00	
<b>4</b>	<b>5.1 Audio System</b>	1	Nos	INR			0.00			0.00		0.00		0.00	
<b>5</b>	<b>Installation, integration, commissioning at IPR site including unloading and shifting at site with handling equipment</b>	1	Lumpsum	INR			0.00			0.00		0.00		0.00	
<b>6</b>	<b>Training</b>	1	Lumpsum	INR			0.00			0.00		0.00		0.00	
<b>7</b>	<b>Optional Items/Accessories</b>														
	a) Optional Items/Accessories						0.00			0.00		0.00		0.00	
	b) Optional Items/Accessories						0.00			0.00		0.00		0.00	
	c) Optional Items/Accessories						0.00			0.00		0.00		0.00	
	d) Optional Items/Accessories						0.00			0.00		0.00		0.00	

Place of delivery **IPR Gandhinagar, Gujarat, India**

**NOTES:**

- a) Custom Duty Exemption certificate will not be issued to any bidder under any circumstances.
  - b) Bidders should offer their quotes in INR only
  - c) Prices in this bid format alone are acceptable
  - d) If freight is not shown separately it will be treated as "FREE DELIVERY"
  - e) Details specifications and scope of work are as per Attached Annexure
  - f) If the rate cells left blank, it will be treated as "0" (ZERO)
  - g) Kindly enable the Macros if you receive the "Security Warning" message. (Click on options in "Security Warning" and select "Enable this content")
- (\*1) HSN/SAC Code: To be filled by the bidder

**IMPORTED NOTES:**

- (I) "Evaluated total cost on the basis of bid prices will be calculated by Purchaser after bid opening & the same will be uploaded in e-tender portal later"
- (II) "GST (IGST, CGST, SGST or any form) should not be included in the basic cost for either goods or services"