

Tender No.: EdCIL/DES/VR/2024 dated 19.07.2024.

Tender Name: Selection of System Integrator for “Design, Supply & Installation of Virtual Reality Labs in all DM Schools of NCERT”.

S.No.	Bidder Name	Section No.	Page No.	Clause as per RFP	Clarification Sought	EdCIL's Response
1.	M/s Kartik Infotech	5.1 (12)	17	Product Quality Certification- CE,EN, RoHS and MSDS	BIS certification should be asked as a sufficient criteria for Product Quality Certification. Other criteria mentioned are applicable for european countries	Please refer Corrigendum-1
2.		6.2.2	34	Turnover	The turnover asked for this tender is high. Request to relax it and make it INR 1 Cr.	No change
3.		6.2.4	34	Technical Capability- Prior Experience of VR labs	VR labs are new in the country. Kindly allow companies who deal in IT related product to participate in the bid. Kindly relax this process	No change
4.		6.2.10	36	MAF	MAF of chairs are very difficult to get. These are non-technical items. Kindly remove the requirement of MAF from the bid	No change
5.		6.2, 11	37	OEM Criteria for Standalone VR Headsets	OEM from across the countries should be allowed. Pls remove this criteria	No change
6.	AG Solutions Private Limited	5.1 (12)	17	Product Quality Certification- CE,EN, RoHS and MSDS	BIS certification should considered for Product Quality Certification. We will provide Make in India Virtual Reality Headset as per the specification of the	Please refer Corrigendum-1

					tender. These certifications as mentioned in the tender are quality requirements for European Standards and not applicable for Make in India Products.	
7.		6.2, 11	37	OEM Criteria for Standalone VR Headsets	We have GST registered office for Delhi NCR but our OEM for VR headsets don't have. We can apply for it if required. Pls consider pending application or pls relax this criteria	Please refer Corrigendum-1
8.	Umety Solutions Private Limited	Chapter V - 6.2 Technical Capability	34	<p>Bidder should have the single work order for supply & commissioning of at least 4 VR Labs in government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.5 Crore. Bidder should have the experience of supply & commissioning of at least 100 standalone VR Headsets.</p> <p>The work order should be issued by Central Govt. / State Govt. / Autonomous Bodies / Govt. Colleges / Govt. Schools / Govt. Institutes.</p> <p>For MSME/NSIC registered bidder: Bidder should have the single work order for supply & commissioning of at least 3 VR Labs in government schools of</p>	<p>Since, scope of work for the project consists of products related to ICT/ IT lab solution apart from VR Labs , it is requested to consider work experience for setting up of ICT/ IT/ VR Lab.</p> <p>Also, please remove the specific bidder experience of supply & commissioning of at least 100 standalone VR Headsets since ICT/ IT labs has wider range of products such as Interactive Flat panels with educational content, desktop, Tablet, etc</p>	No change

				<p>India during last 3 years preceding bid due date and the value of work order should not be less than 1.2 Crore. Bidder should have the experience of supply & commissioning of at least 80 standalone VR Headsets.</p> <p>The work order should be issued by Central Govt. / State Govt. / Autonomous Bodies / Govt. Colleges / Govt. Schools / Govt. Institutes.</p>		
9.		Chapter V - 6.2 Legal Entity	34	<p>The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 5 years preceding the bid due date. Consortium of companies/ firms is not allowed.</p>	For VR lab multiple items need to be supplied, so allow at least 2 companies/firms for consortium for bidding.	No change
10.		Chapter V - 6.2 Turnover	34	<p>Bidder must be profitable and has positive net-worth as on 31st March, 2023.</p>	Bidder or its parent company must be profitable and has positive net-worth as on 31st March, 2023.	No change
11.		Chapter VII - Payment terms	39	<p>The warranty/AMC will be for a total period of 3 years. Payment shall be released after successful completion of 2nd year AMC/warranty period i.e. after two year from the date of commissioning.</p>	Bidder will submit the ePBG @ 3% of the total work value, so holding the 5% amount for 2 years and 5% amount for 3 years will put extra financial burden on bidder. So this 10% amount should be released after successful completion of Installation and	No change
12.		Chapter VII - Payment terms	39	<p>The warranty/AMC will be for a total period of 3 years. Payment shall be</p>		No change

				released after successful completion of 3rd year AMC/warranty period i.e. after three year from the date of commissioning.	commissioning of all hardware items at school level.	
13.	Tata Consultancy Services Limited	Chapter 4 5. Technical Specifications 13. Interactive Content	18	Level (Class) for VR software offered: Class 3 to 12. The VR Interactive content should be available for each class.	Normally, VR content is not yet suggested for children as young as 8 years old. Can content be enabled from grade 6 onwards?	No change
14.		Chapter 4 5. Technical Specifications 13. Interactive Content	18	Provide native support to a wide range of third-party contents also i.e. discovery VR, YouTube VR content etc.	Are these content integrations needed on the platform? If so, can you specify the type of 3rd party content?	VR Headsets should be capable of playing third party content such as YouTube etc on an independent basis, if required. Any Specific Integration is not required.
15.		Chapter 4 5. Technical Specifications 13. Interactive Content	18	Minimum 100 Interactive VR modules of each of the Maths, Science and Social Science. Only Interactive content shall be counted and Video based content shall not be counted.	Can the content for Social science be enabled in a phased manner, with focus on Maths and Science in phase 1?	No change
16.		Chapter 4 5. Technical Specifications Section IX	23	BEAN BAG WITH FILLED BEANS • Comfortable High Quality Bean Bag of XXL size filled with beans. • Minimum Product Dimensions: Length-60 cm, Width- 60 cm, Height- 40 cm. • Material- Faux Leather or Leather or	the model of the lab setup seems to be a fixed setup while VR experiences should enable free movement. Can such fixed furniture be removed from the lab setup?	No change

				Leatherette. • Warranty : 3 Years		
17.		Chapter 5 6.2 Eligibility Criteria 1. Legal Entity	34	Consortium of companies/ firms is not allowed.	Can the tender criteria be amended to include consortium of companies since most companies do not make hardware, software and content?	No change
18.		Chapter 5 6.2 Eligibility Criteria 4. Technical Capability	34	Bidder should have the single work order for supply & commissioning of at least 4 VR Labs in government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.5 Crore.	Can there be an exemption in experience criteria?	No change
19.		Chapter 5 6.2 Eligibility Criteria 11. OEM Criteria for Standalone VR Headsets	37	OEM should have the GST Registered office in Delhi/NCR region.	Can this clause be relaxed to a GST registered office in India?	Please refer Corrigendum-1
20.		Annexure 19 Bill of Material	81	Form: 1 Details Allow Teacher to manage user registrations and profiles, define digital content access manage content.	S No 1 alone specifies need for VR content license while it is not clear if content licenses need to be separately included for S No 2, 3, 14. The above all seem to be device led licenses and there is no mention of user licenses. If so, can you specify the count of prospective users? Kindly clarify if the above content licenses are needed only for 3 years and not on a perpetual basis.	Content licence is required for Sr. No. 1. The licences are on device basis. The license is required on a perpetual basis.

21.	METABO OK XR (Marketstr at Business Solutions Private Limited)	1.1 (ii)	7	Original Power of Attorney / Board Resolution Copy on a non-judicial stamp paper	What should be the value of the Stamp Paper	The value of the stamp paper should not be less than Rs. 100.
22.		5.1 (12)	17	Product Quality Certification- CE,EN, RoHS and MSDS	These certifications are quality requirements for European Standards and mostly required by Importers. It is Not applicable for Make in India Products. As an alternate, Products having BIS certification, should also be allowed as a sufficient criteria for Product Quality Standards	Please refer Corrigendum-1
23.		5. III	20	Storage- Minimum 512 TB PCIe NVMe SSD or higher	We believe there is a typo. Instead of 512 TB, It should be 512 GB	Please refer Corrigendum-1
24.		6.2, 11	37	OEM Criteria for Standalone VR Headsets	The criteria should be for VR content or solution provider instead of VR headsets	No change
25.	Kachhua Solutions Pvt Ltd	6.2 Eligibility Criteria Sr. No 2	Page No: 34		Turnover Criteria for MSME/NSIC Bidders(Page No : : We request that the financial years considered for turnover requirements be updated to 2021-22, 2022-23, and 2023-24, instead of 2020-21, 2021-22, and 2022-23. This adjustment would better reflect the current financial capabilities of MSME/NSIC bidders.	No change
26.		6.2 Eligibility Criteria Sr. No 4	Page No: 35		Technical Capability Requirement for MSME/NSIC Bidders: The requirement for a single work order for three government schools amounting to	No change

					<p>INR 1.2 Crores is restrictive for MSME bidders. Considering that this is a novel technology, we suggest removing this clause, as it is impractical to expect a VR lab setup in a minimum of three government schools worth INR 1.2 Crores. Instead, we propose that bidders demonstrate established VR lab setups in at least 10 government schools, without restriction on a single order or the amount, including those from Central Government, State Government, anonymous bodies, government schools, or government institutes. We respectfully request the removal or adjustment of this clause to make the process more inclusive.</p>	
27.		6.2 Eligibility Criteria Sr. No 11	Page No: 37		<p>a. The requirement for the OEM to have a GST registered office in the Delhi NCR region appears restrictive and may favour specific parties. We suggest reconsidering and generalising this criterion to allow broader participation. OEMs should have offices in any part of India.</p> <p>b. Additionally, the requirement for the OEM to have a presence</p>	Refer Corrigendum-1

					in Delhi for more than 5 years preceding the pre-bid due date is also restrictive. It should be reconsidered to facilitate broader participation and not limit eligibility to specific parties.	
28.		Technical Specifications (I) >> Sr. No. 13	Page No: 17 & 18		Interactive Content : In the content requirement, 1500+ STEM 3D Interactive modules are needed, which covers minimum 500+ interactive virtual reality modules covering science, mathematics and social sciences, having on screen text instruction and voice over, and offering learning interactions such as drag, drop, explore, assemble, dissect, identify, experiment, walk and assessments to enable teachers see scores and track the students performance also in which there should be minimum 100 interactive VR Modules of each of Maths, Science and Social Science. Please confirm if our understanding is correct. If not, kindly provide a brief clarification in the upcoming corrigendum.	No change
29.	Metabook XR	1.1 (ii)	7	Original Power of Attorney / Board Resolution Copy on a non-judicial stamp paper	What should be the value of the Stamp Paper	The value of the stamp paper should not be less than Rs. 100.

30.	5. 1 (12)	17	Product Quality Certification- CE,EN, RoHS and MSDS	These certifications are quality requirements for European Standards and mostly required by Importers. It is Not applicable for Make in India Products. As an alternate, Products having BIS certification, should also be allowed as a sufficient criteria for Product Quality Standards	Refer Corrigendum-1
31.	5. III	20	Storage- Minimum 512 TB PCIe NVMe SSD or higher	We believe there is a typo. Instead of 512 TB, It should be 512 GB	Refer Corrigendum-1
32.	5. IX	23	Bean Bags with 3 year warranty	Beans will not last for 3 years. Warranty should be asked for 1 year only	No Change
33.	6	29	Insurance- The bidder has to take comprehensive insurance of amount 110% of the value of the goods from supplier location to end client location	This clause should be removed. This safety is already being taken care of in the payment terms as the the payment will be released after successful delivery and installation of the product.	No Change
34.	6	30	Failure of Hardware and Software in PDI- 3 calendar days are provided to rectify the mistake	Kindly allow 10 working days. In case of any malfunction, OEM will take time to fix or ship the hardware	No Change
35.	13	32	Liquidated Damages - Penalty of 1% per week is imposed to the maximum of 10%	It should be reduced to 0.5% per week to the maximum of 5 % of the project value	No Change
36.	15	33	Technology Advancement - According to the technology advancement successful L1 bidder has to provide upgraded product without any extra cost to meet the technology	This clause is not clear. In case of hardware, Technology can get advanced to any levels. The upgraded product can be way costly which may not be met with the financial expectations of the project. We can	No Change

				advancement of the market.	provide update to content but not to hardware	
37.		6.2.2	34	Turnover	Turnover for FY 23-24 should also be considered. Audited sheet is not available but we can provide CA certificate	No Change
38.		6.2.10	36	MAF	MAF of non-IT items i.e. Chair should not be aksed. It is very less in number and it is difficult to contact reputed manufacturer for this small quantities	No Change
39.		6.2, 11	37	OEM Criteria for Standalone VR Headsets	The criteria should be for VR content or solution provider instead of VR headsets	No Change
40.		Chapter VII	39	Payment Terms	5 % of the amount is withheld till 2nd year and other 5% is withheld till 3rd year. This makes it financially tough to execute the project. Also,PBG is already being asked. Request you to kindly keep only PBG and release the remaining amount	No Change
41.	Kachhua Solutions Pvt Ltd	6.2 Sr. No 2	34	Bidder must have minimum average annual turnover of Rs. 4 crores during the last three financial year i.e., 2020-21, 2021-22 and 2022-23. Bidder must be profitable and has positive net-worth as on 31st March, 2023. For MSME/NSIC registered bidder: Bidder must have minimum average annual turnover of Rs. 3 crores during the last	We request that the financial years considered for turnover requirements be updated to 2021-22, 2022-23, and 2023-24, instead of 2020-21, 2021-22, and 2022-23. This adjustment would better reflect the current financial capabilities of MSME/NSIC bidders.	No change

				three financial year i.e., 2020-21, 2021-22 and 2022-23. Bidder must be profitable and has positive net-worth as on 31st March, 2023.		
42.		6.2 Sr. No 4	35	<p>Bidder should have the single work order for supply & commissioning of at least 4 VR Labs in government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.5 Crore.</p> <p>Bidder should have the experience of supply & commissioning of at least 100 standalone VR Headsets.</p> <p>The work order should be issued by Central Govt. / State Govt. / Autonomous Bodies / Govt. Colleges / Govt. Schools / Govt. Institutes.</p> <p>For MSME/NSIC registered bidder: Bidder should have the single work order for supply & commissioning of at least 3 VR Labs in government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.2</p>	<p>The requirement for a single work order for three government schools amounting to INR 1.2 Crores is restrictive for MSME bidders. Considering that this is a novel technology, we suggest removing this clause, as it is impractical to expect a VR lab setup in a minimum of three government schools worth INR 1.2 Crores. Instead, we propose that bidders demonstrate established VR lab setups in at least 10 government schools, without restriction on a single order or the amount, including those from Central Government, State Government, anonymous bodies, government schools, or government institutes. We respectfully request the removal or adjustment of this clause to make the process more inclusive.</p>	No change

				<p>Crore.</p> <p>Bidder should have the experience of supply & commissioning of at least 80 standalone VR Headsets.</p> <p>The work order should be issued by Central Govt. / State Govt. / Autonomous Bodies / Govt. Colleges / Govt. Schools / Govt. Institutes.</p>		
43.		6.2 Sr. No 11	37	<ul style="list-style-type: none"> o OEM should have the experience for supply & commissioning of at least 25 VR Labs in government schools of India during last 2 years preceding bid due date. o OEM should have the experience of supply & commissioning of at least 250 standalone VR Headsets during last 2 years preceding bid due date. o OEM should have the GST Registered office in Delhi/NCR region. o OEM should have a presence in India for more than 5 Years preceding from the bid due date. 	<p>The requirement for the OEM to have a GST registered office in the Delhi NCR region and to have a presence in Delhi for more than 5 years preceding the pre-bid due date appears restrictive and may favour specific parties. Since the OEM is responsible for warranty and support, we suggest reconsidering and generalising this criterion to allow broader participation. OEMs should have offices in any part of India.</p>	Refer Corrigendum-1

44.	Maharshi Industries Pvt Ltd.	6.2	34	As per Eligibility criteria, For MSME bidder must have average annual turnover of Rs. 3 Crores during the last 3 financial year ie., 2020-21, 2021-22, and 2022-23.	We request exemption against this criteria.	No change
45.		6.2	35	As per Eligibility criteria, MSME Bidder should have the single work order for supply & commissioning of at least 3 VR Labs in government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.2 Crore. Also Bidder should have the experience of supply & commissioning of at least 80 standalone VR Headsets.	We request exemption against this criteria.	No change
46.		6.2	37	OEM Criteria for Standalone VR Headsets	we request you to give exemption against this criteria.	No change
47.		6.2	35	As per Eligibility criteria, regarding sample submission clause	we requesting you to consider the sample at the time of Technical evaluation. We will submit the sample at the time of technical evaluation.	No change
48.		M/s Sistema Smart Technologies Limited	Chapter V - 6.2	34	The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in	For VR lab multiple items need to be supplied, so allow at least 2 companies/firms for consortium for bidding.

				India in operation for at least 5 years preceding the bid due date. Consortium of companies/ firms is not allowed.		
49.		Chapter V - 6.2	34	Bidder must be profitable and has positive net-worth as on 31st March, 2023.	Bidder or its parent company must be profitable and has positive net-worth as on 31st March, 2023.	No change
50.		Chapter VII - Payment terms	39	The warranty/AMC will be for a total period of 3 years. Payment shall be released after successful completion of 2nd year AMC/warranty period i.e. after two year from the date of commissioning.	Bidder will submit the ePBG @ 3% of the total work value, so holding the 5% amount for 2 years and 5% amount for 3 years will put extra financial burden on bidder. So this 10% amount should be released after successful completion of Installation and commissioning of all hardware items at school level.	No change
51.		Chapter VII - Payment terms	39	The warranty/AMC will be for a total period of 3 years. Payment shall be released after successful completion of 3rd year AMC/warranty period i.e. after three year from the date of commissioning.		No change
52.		Point no. 5 Technical Specification; Sub clause I.	19	Content should be preloaded in VR Device, and it should run in student's VR device without using internet	Content should be license based and preloaded in VR Device, and it should run in student's VR device without using internet.	No change
53.		Point no. 5 Technical Specification; Sub clause X11.	25	WiFi Router - 5 Years of Hardware Warranty	As tender warranty for 3 years so WiFi router hardware warranty should be 3 years.	No change
54.	M/s Schoolnet India Limited	CHAPTER-V	34	Eligibility Criteria: 4, Technical Capability - Bidder should have the single work order for supply & commissioning of at least 4 VR Labs in	Since the AR and VR lab is still emerging phase, and there are very limited in government Schools for Virtual Lab. Further the project	No change

				government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.5 Crore. Bidder should have the experience of supply & commissioning of at least 100 standalone VR Headsets.	include various other IT/ICT components including IFP, tablets, E-Learning content as well. Therefore we hereby request to the department to kindly include bidder's experience for deployment of IT/ICT Labs, Smart Classroom solution as an option of VR Lab	
55.		CHAPTER-V	35	MAF: The bidder has to provide the MAF for the following products: 1. Standalone VR Headset with controller 2. Interactive VR Content. 3. Desktop PC 4. Chair without Arm for students 5. Chair with Arm 6. Tablet 7. 75" Interactive Flat Panel 8. Wifi router	Since the project include majorly IT and ICT components therefore we request to the department to kindly relax the clause for MAF of Non ICT components i.e. Chairs.	No change
56.	M/s Shivam Infotech	Technical Specifications (I) >> Sr. No. 13	17 & 18		Interactive Content: Since all the content will not be taught in one go, we recommend content delivery over a period of 3 to 6 months. Additionally, the RFP currently asks for only interactive content, excluding video-based content. Some theoretical chapters are best explained through 3D 360-degree immersive virtual tours. We request the addition of immersive 3D 360-degree video-based	No change

					content for better concept clarity.	
57.		Technical Specifications (I) Sr. No. 1 to 12	17		Standalone VR Headset with controller and interactive VR content : The current requirements seem restrictive. Non-educational content needs 6 GB & 4000 mAh. Instead, we propose a more generic specification of 4GB/64GB & 3500 mAh. Additionally, instead of 3 DoF, 6 DoF is preferred for better visual quality and experience.	No change
58.		Eligibility Criteria Sr. No. 2	34		Turnover Criteria for MSME/NSIC Bidders: We respectfully propose updating the financial years considered for turnover requirements to 2021-22, 2022-23, and 2023-24, instead of 2020-21, 2021-22, and 2022-23. This adjustment would better align with the current financial capacities of MSME/NSIC bidders	No change
59.		Eligibility Criteria Sr. No. 4	35		Technical Capability Requirement for MSME/NSIC Bidders: Requiring a single work order for three government schools totaling INR 1.2 Crores is overly restrictive for MSME bidders. Considering the innovative nature of this technology, we recommend removing	No change

					<p>this clause, as it is unreasonable to expect a VR lab setup in at least three government schools valued at INR 1.2 Crores. Instead, we suggest allowing bidders to demonstrate established VR lab setups in a minimum of five government schools, without limitations on the number of orders or the amount, including those from Central Government, State Government, autonomous bodies, government schools, or government institutes. We respectfully urge the removal or modification of this clause to enhance inclusivity in the bidding process.</p>	
60.		<p>Eligibility Criteria Sr. No. 11</p>	37		<p>OEM Criteria for Standalone VR Headsets: The requirement for the OEM to have a GST-registered office in the Delhi NCR region and to have maintained a presence in Delhi for over 5 years prior to the pre-bid due date seems restrictive and may favour certain parties. As the OEM is responsible for warranty and support, we recommend reconsidering and broadening this criterion to allow for</p>	<p>Please refer Corrigendum-1</p>

					wider participation. OEMs should be permitted to have offices in any part of India.	
61.	M/s Indiavidua I Learning Limited	CHAPTER-V Eligibility and Bid Evaluation, Sl 1 - Legal Entity	34	The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 5 years preceding the bid due date. Consortium of companies/ firms is not allowed.	We request the department to allow consortium bidding due to the comprehensive nature of the deliverables, which include VR Devices and Content, ICT Hardware and Accessories, and the setup of Labs with furniture and fixtures. Allowing consortiums with a minimum of two partners will enable leveraging the expertise of multiple firms to effectively meet the diverse requirements of the project.	No change
62.		CHAPTER-V Eligibility and Bid Evaluation, Sl 2 - Turnover	34	Bidder must have a minimum average annual turnover of Rs. 4 crores during the last three financial year i.e., 2020-21, 2021-22 and 2022-23. Bidder must be profitable and has positive net-worth as on 31st March, 2023. For MSME/NSIC registered bidder: Bidder must have minimum average annual turnover of Rs. 3 crores during the last three financial year i.e., 2020-21, 2021-22 and 2022-23. Bidder must be profitable and has positive net-worth as on 31st March, 2023.	We request the department to consider bidders with a positive net-worth irrespective of profitability. The revised clause would be: "Bidder must have a minimum average annual turnover of Rs. 4 crores during the last three financial years, i.e., 2020-21, 2021-22, and 2022-23. Bidder must have a positive net worth as of 31st March, 2023." For MSME/NSIC registered bidders: "Bidder must have a minimum average	No change

					annual turnover of Rs. 3 crores during the last three financial years, i.e., 2020-21, 2021-22, and 2022-23. Bidder must have a positive net-worth as of 31st March, 2023."	
63.	CHAPTER-V Eligibility and Bid Evaluation, Sl 4 - Technical Capability	34, 35	<p>Bidder should have the single work order for supply & commissioning of at least 4 VR Labs in government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.5 Crore.</p> <p>Bidder should have the experience of supply & commissioning of at least 100 standalone VR Headsets.</p> <p>The work order should be issued by Central Govt. / State Govt. / Autonomous Bodies / Govt. Colleges / Govt. Schools / Govt. Institutes.</p>	<p>We would like to draw attention to the fact that the concept of setting up VR Labs at a large scale is currently limited to only a couple of State Governments. For reference, during the FY 2024-25, only the states of Dadra & Nagar Haveli, Delhi, Jammu and Kashmir, and Meghalaya have been allocated funds in the range of 15-20 lakhs per lab. Thus, the estimation of 1.5 Crores of experience for setting up 4 labs at the rate of 37.50 lakhs per lab is on the higher side, especially when considering the School Education Department.</p>	No change	
64.	CHAPTER-V Eligibility and Bid Evaluation, Sl 4 - Technical Capability	34, 35	<p>For MSME/NSIC registered bidder: Bidder should have the single work order for supply & commissioning of at least 3 VR Labs in government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.2 Crore.</p>	<p>Moreover, the required number of standalone VR headset installations is also on the higher side and may favor particular EdTech companies or VR Headset OEMs. Therefore, we suggest that the department revisit the clause. Instead of requiring experience in setting up labs, the weightage</p>	No change	

				<p>Bidder should have the experience of supply & commissioning of at least 80 standalone VR Headsets.</p> <p>The work order should be issued by Central Govt. / State Govt. / Autonomous Bodies / Govt. Colleges / Govt. Schools/Govt. Institutes.</p>	<p>should be on the supply of VR content. The criteria for eligibility could be based on the number of schools (whether government or private) that have been supplied with VR content, as well as the quality of the content and the coverage of the syllabus.</p> <p>Additionally, we request the department to consider formulating specific technical evaluation criteria to assess the quality and comprehensiveness of the VR content, as this aspect has not been adequately addressed in the current tender.</p>	
65.	CHAPTER-V Eligibility and Bid Evaluation, Sl 5 - Bidder Quality Certification	35	<p>The Bidder should have the following certificates:</p> <p>ISO 9001:2015 or latest <u>ISO 14001:2015 or latest</u> ISO 27001:2013 or latest.</p>	<p>While ISO 14001 is highly valuable for organizations involved in activities that impact the environment, its relevance can vary for different types of companies. For EdTech companies, especially those involved in content development, ISO 14001 certification may be less critical compared to certifications like ISO 9001 (Quality Management) and ISO 27001 (Information Security Management). The environmental management aspects covered by ISO 14001 may not be as directly</p>	No change	

					<p>relevant to their core activities.</p> <p>We request the department to consider making the ISO 14001 certification optional.</p>	
66.		CHAPTER-V Eligibility and Bid Evaluation, SI 11 - OEM Criteria for Standalone VR Headsets	35	<p>1. OEM should have the experience for supply & commissioning of at least 25 VR Labs in government schools of India during last 2 years preceding bid due date.</p> <p>2. OEM should have the experience of supply & commissioning of at least 250 standalone VR Headsets during last 2 years preceding bid due date.</p> <p>3. OEM should have the GST Registered office in Delhi/NCR region.</p> <p>4. OEM should have a presence in India for more than 5 Years preceding from the bid due date.</p>	<p>We request the department to consider revising the OEM criteria to ensure fair competition and allow a broader range of products and vendors to participate. The current criteria seem highly specific and may favor a particular OEM and their VR headset products. We suggest making the criteria more flexible to include diverse and potentially innovative solutions.</p> <p>1. Experience with VR Labs: OEMs should have experience in the supply and commissioning of VR labs or similar technologies in educational settings. The specific number of labs should be flexible to accommodate a range of experiences.</p> <p>2. Experience with VR Headsets: OEMs should have experience in the supply and commissioning of VR headsets or similar devices. The specific quantity should be flexible to reflect</p>	Please refer Corrigendum-1

					<p>various scales of implementation.</p> <p>3. Office Location: The requirement for having a GST-registered office in the Delhi/NCR region should be revised. Given that the Virtual Reality Labs are to be set up in non-NCR/Delhi locations, specifically in Demonstration Multipurpose Schools (DM Schools) of NCERT (i.e., Ajmer, Bhopal, Bhubaneswar, and Mysore), the office location requirement should allow for flexibility. OEMs should have a reliable support mechanism in place to manage and support installations at these locations.</p> <p>4. Presence in India: OEMs should have a proven track record of operations in India for a reasonable period, ensuring they have the capability to support their products effectively.</p>	
67.		Chapter-VII Payment terms, Sl 2 & 3	39	5% of the Contract Value to be released after successful completion of 2nd year AMC/warranty period i.e. after two year from the date of commissioning and another 5% of the Contract Value to be	We request that 10% of the Contract Value be released after 6 months from the date of commissioning, rather than holding 5% for two years and another 5% for three years. Given that a Performance Bank Guarantee of 3%	No change

				released after successful completion of 3rd year AMC/warranty period i.e. after three year from the date of commissioning	of the Project Cost will be with the department, which covers performance risks for up to 90 days post-project completion, holding the remaining 10% for extended periods increases project costs due to additional bank charges and capital expenses. This adjustment will help manage cash flow more effectively and reduce financial burden associated with project execution.	
68.		4. Deliverables for Virtual Reality Lab	16	<p>2. Tablet along with tablet stand - 8 numbers</p> <p>3. Desktop PC - 2 numbers</p> <p>14. 75” Interactive Flat Panel with OPS - 1 set</p>	<p>We seek further clarification on the integration and use cases for the following devices, which are supplementary to the Virtual Reality (VR) headsets, as part of the Virtual Reality Lab setup:</p> <p>1. Interactive Flat Panel Displays (IFPDs)</p> <p>2. Tablets with Stand: 8 units</p> <p>3. Desktop PCs: 2 units</p> <p>Please provide details on:</p> <p>1. Integration: How are the IFPDs, tablets, and desktop PCs intended to integrate with and the overall Virtual Reality Lab setup? What specific roles or configurations are required for each device</p>	These are as per client’ requirement. No Change

					<p>in relation to the VR system?</p> <p>2. Use Cases: What are the intended use cases for the IFPDs, tablets, and desktop PCs within the Virtual Reality Lab? For example, how will the IFPDs be utilized for presentations or interactive sessions, and how will the tablets and desktop PCs support the VR experience?</p> <p>3. Content Requirements: What types of content and applications are expected to be used with these devices? Are there specific software or content requirements for ensuring compatibility and effectiveness within the VR environment?</p>	
69.		5. Technical Specifications, Sl XIV. 75” INTERACTIVE FLAT PANEL WITH OPS	26	RAM DDR 4GB or higher OPS-PC - SSD - 1 TB	We recommend updating the specifications for the 75” Interactive Flat Panel with OPS to better accommodate high-definition content for Grades 3-12. Specifically, we suggest increasing the RAM to 8GB DDR4 or higher and the SSD capacity to 2TB or higher. These enhancements will ensure that the system can effectively handle high-resolution educational materials and support a seamless	No change

					and efficient user experience across a range of educational applications.	
70.		5. Technical Specifications, SI III. DESKTOP PC	20	Storage Minimum 512 TB PCIe NVMe SSD or higher	We request clarification on the sizing of the SSD. The current specification states "512 TB PCIe NVMe SSD or higher," which seems excessively large for standard use. Typically, SSD sizes are measured in gigabytes (GB) or terabytes (TB). We recommend revising the specification to reflect a more practical size, such as "512 GB or 1 TB or 2 TB PCIe NVMe SSD or higher," which would be appropriate for most high-definition content needs.	Please refer Corrigendum-1
71.		Recommendation	Nil	Recommendation for Tender Segmentation:	We would like to propose a re-evaluation of the current tender structure to ensure a comprehensive approach to the Virtual Reality Lab setup and content delivery. Given that the tender primarily focused on hardware requirements, lab setup, room makeup, furniture, fixtures, and maintenance, with VR content being a secondary consideration, we suggest the following adjustments: 1. Split the Tender into Two Segments:	No change

					<p>a. Segment 1: Quality Content Delivery This segment should focus on the delivery of high-quality VR content, including regular updates, revisions, and curriculum mapping. It should encompass end-to-end management and support for content to ensure it aligns with prevailing curriculum requirements and provides a rich virtual reality learning experience.</p> <p>b. Segment 2: Lab Setup and Maintenance This segment should address the hardware requirements, setup of the lab, room makeup, furniture, fixtures, and maintenance for a period of 3 years. It should ensure that the lab is fully equipped and operational, with specifications that support various formats of teaching and learning content.</p> <p>2. Device Specifications:</p> <p>We recommend that the specifications for the devices to be procured be kept generic and open-ended. This will allow flexibility in accommodating</p>	
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					<p>different formats of teaching and learning content, ensuring that the equipment can support a wide range of VR content and provide a comprehensive 360-degree virtual reality learning experience.</p> <p>3. Rationale:</p> <p>a. Splitting the tender into two distinct segments will enable specialized focus on both content quality and hardware setup. This approach will ensure that each component—hardware and content—is managed by experts in their respective fields, leading to a more effective and integrated solution.</p> <p>b. By maintaining generic device specifications, the tender will support a broader range of content and solutions, fostering innovation and ensuring compatibility with various content formats.</p> <p>4. Consortium Bidding:</p> <p>Given that consortium bidding is not permissible, separating the tender into these two segments will allow different specialized entities to address each component effectively,</p>	
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					<p>even within the constraints of the current bidding rules.</p> <p>We believe that this approach will enhance the overall effectiveness of the Virtual Reality Lab and ensure that both hardware and content meet the highest standards of quality and functionality.</p>	
72.	Dhi tattva solutions Private Limited	5. TECHNICAL SPECIFICATIONS:	19	Same OEM for both the content and the VR Headset is preferable.	As there are limited companies that qualify for this clause, we suggest that by allowing different OEMs for the content and the VR headset, we can select the best available technologies and solutions tailored to our specific needs. This flexibility can lead to better quality and performance of both hardware and software components.	No change.
73.		6.2 Eligibility Criteria: Technical Capability :	35	For MSME/NSIC registered bidder: Bidder should have the single work order for supply & commissioning of at least 3 VR Labs in government schools of India during last 3 years preceding bid due date and the value of work order should not be less than 1.2 Crore.	The original clause will only support limited supplier/companies. Therefore, We request authority to amend the clause to "Bidder should have the single work order of at least 3 VR Labs in Government School/Colleges/Institutions of india during last 7 years preceding bid due date and the value of work order should not be less than 1.2 Crore".	No change.
74.		6.2 Eligibility Criteria:	35	Bidder should have the experience of	The Original clause will only support limited	No change.

		Technical Capability :		supply & commissioning of at least 80 standalone VR Headsets.	supplier/companies. Therefore, We request the authority to amend this clause to "Bidder should have the experience of supply & commissioning of at least 50 VR Equipment. "	
75.		6.2 Eligibility Criteria: VR Interactive Content	36	The Bidder should have readymade VR Interactive Content having all the features mentioned in the scope of work	The industry of VR/AR are evolving over the period and availability of readmade VR interactive content with the scope mentioned is quite concerning, we request the authority to give relaxation on the clause.	No change.
76.		OEM Criteria for Standalone VR Headsets	37	OEM should have the GST Registered office in Delhi/NCR region.	As the project covers 4 locations pan India, we request to consider the clause as "OEM should have GST Registered office in India"	Refer Corrigendum-1
77.	Aedificium Technologies LLP	33	XVI, 15	TECHNOLOGY ADVANCEMENT	The clause requires the successful L1 bidder to provide upgraded products without any extra cost to meet the technology advancement of the market. However, it may not always be feasible to guarantee such upgrades without incurring additional costs. Technological improvements often involve significant research, development, and manufacturing expenses. Therefore, we seek clarification on the flexibility of this clause and whether provisions can be made to	No change.

					accommodate reasonable cost adjustments for significant technological advancements.	
78.		37	6.2, 11	OEM Criteria for Standalone VR Headsets	As a Bidder/System Integrator, we comply with all the requirements specified in the tender except for having a GST registered office in Delhi/NCR. We are in the process of registering an address in Delhi/NCR to meet this eligibility criterion. Therefore, we kindly request your consideration for our participation in this tender.	Refer Corrigendum-1
79.		17	5. 1 (12)	Product Quality Certificaton- CE,EN, RoHS and MSDS	The Bureau of Indian Standards (BIS) registration is mandatory for various electronic products, including Automatic Data Processing Machines (ADPM) such as laptops, desktops, tablets, and VR headsets, under the Compulsory Registration Scheme (CRS). According to the Ministry of Electronics and Information Technology (MeitY) and the Electronics and Information Technology Goods (Requirement for Compulsory Registration) Order, 2021 (CRO), these devices must comply	Refer Corrigendum-1

					<p>with Indian standards, and BIS certification is required.</p> <p>This BIS certification takes precedence over international certifications like CE, EN, RoHS, and MSDS, which are not recognized under the CRO. As a System Integrator using Make in India products from Indian OEMs with BIS certification, we request consideration of BIS certification in place of CE, EN, RoHS, and MSDS to ensure compliance with Indian safety and quality standards as stipulated by MeitY.</p>	
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CORRIGENDUM -1

S. No.	Tender Page No.	Tender Clause Reference	Original Clause	Revised Clause
1	17	Technical Specification of Standalone VR Headset with Controller and Interactive VR Content	CE, EN, RoHS and MSDS	CE, EN, RoHS and MSDS OR BIS Certificate and Local Content Certificate, in case of Make in India OEM
2	20	Technical Specification of Desktop PC	Storage: Minimum 512 TB PCIe NVMe SSD or higher	Storage: Minimum 512 GB PCIe NVMe SSD or higher
3	37	OEM Criteria for Standalone VR Headsets	OEM should have the GST Registered office in Delhi/NCR region.	This clause stands deleted. Rest all clause will remain same and applicable.
4	17	Name: Wi-Fi Router	Wi-Fi Router	“Wi-Fi Router” may be read as “WiFi 6 Access Point” on every page of tender
5	16	Name: Chair without Arm for students	Chair without Arm for students	“Chair without Arm for students” may be read as “Chair for students” on every page of tender

6	25	Technical specifications: WiFi 6 Access Point	*The successful bidder has to provide a power adapter.	*The successful bidder has to provide a power adapter of 12V DC, 2.5A.
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TIMELINE EXTENSION

The revised date and time of the RFP is as follows:

S. No.	Event Description	Date and Time (As per Tender)	Revised Date and Time
1.	Last Date and Time for receipts of Bids	02.08.2024 till 16:00 Hrs In case a Holiday is declared on the day of the event, the same will be held on the next working day at the same time & venue.	09.08.2024 till 16:00 Hrs In case a Holiday is declared on the day of the event, the same will be held on the next working day at the same time & venue.
2.	Date and Time of Opening of Technical Bids	02.08.2024 till 16:30 Hrs	09.08.2024 till 16:30 Hrs

Rest all other terms and conditions of the tender will remain same.

Sd/-
Chief General Manager(DES)
EdCIL (India) Limited