

**Clarifications no. 1 for GEM bid ID GEM/2025/B/6122137 dtd. 21.04.2025 on “Design & Development of Technical Modules through Immersive Technology” at HRD-PAL Manesar”**

<b>Sr. no</b>	<b>Section/Clause no</b>	<b>Description/Provision in Bidding document</b>	<b>Seller Query/ Representations</b>	<b>Buyer Response /Employer’s clarification</b>
1	Other	70 minutes of training modules as mentioned in Scope of Work	please clarify the quantity - 70 is this in minutes, hours or in days?	70 minutes of training modules as mentioned in Scope of Work
2	Terms and conditions	Safety and Insurance: The vendor must adhere to POWERGRID's safety and insurance norms for their team and equipment.	Given: Safety and Insurance: The vendor must adhere to POWERGRID's safety and insurance norms for their team and equipment. we kindly request you to provide a detailed elaboration on the specific safety and insurance norms that the vendor is expected to adhere to. This will help us ensure full adherence to the required standards and prepare the necessary documentation and arrangements accordingly.	Refer attached document at Annexure-A
3	Scope of work- Technical Specifications- 4. Other Aspects	Storyboard and Approval: ■ POWERGRID will provide a storyboard detailing the required views and sequences. Changes to the storyboard may occur during the project execution. ■ The vendor must obtain approval from	Please confirm whether the responsibility for creating the storyboard lies with the vendor or will be provided by POWERGRID.	As mentioned in Scope of Work, storyboard detailing the required views and sequences will be provided by POWERGRID, which will be then jointly worked upon.

		POWERGRID at each production stage		
4	Scope of work- Technical Specifications- Attributes and Application	Background music and narration in English should accompany the animations	Kindly confirm whether the language of the content to be developed under this project will be in English only.	As mentioned in Technical Specifications, narration is in English only.
5	Scope of work- Technical Specifications- Attributes and Application	Animation and Visualization: ■ The videos should include static model views, equipment exterior views, and dynamic animations illustrating the operations and construction processes.	As per our understanding, we are required to capture 360-degree videos and photos of the designated premises to be used in the creation of Stereoscope 3D videos. Could you kindly confirm if this understanding is correct?	Yes. The videos should include static model views, equipment exterior views, and dynamic animations & visualizations illustrating the operations and construction processes.
6	Technical Specifications- Output and Format	Development of 3D Video Animation of Full HD Resolution-Output and Format: o Video Specifications: ■ Frame rate: 30 FPS ■ Bit rate: 25 Mbps ■ Video codec: H.264 ■ Audio codec: AAC ■ Output formats: MPEGI/MPEGII, MOV/QUICK TIME, VOB/DVD, AVI	What will be the final Resolution of the 3D stereoscopic videos?	As mentioned in Technical Specifications
7	Bid eligibility criteria	Qualifying Requirements- 3 (ii) Relaxation for MSEs For MSE bidders, the requirement of MAAT is waived off.	In the bid details: Under "MSE Exemption for Years of Experience and Turnover", it is mentioned as "No". However, in the next row "Document Required from Seller", it states: "In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be	The exemption for MSME bidders shall be as per the Qualifying Requirement attached at Sr. No 2 of <b>Buyer Added Bid Specific Terms and Conditions of Published Bid.</b>

			uploaded for evaluation by the buyer." We kindly request you to confirm whether MSE bidders are eligible to seek exemption from the experience and turnover criteria for this particular bid.	
8	Scope of Supply/Service	The venue for capturing said photos and videos shall be conveyed by POWERGRID, and shooting will be done in coordination with POWERGRID's nominated employee for the concerned work.	Will filming permissions at substations or tower construction sites be facilitated by POWERGRID, or is the vendor expected to arrange these. Please confirm.	Area access shall be arranged by POWERGRID subject to meeting all safety conditions.
9	Scope of Supply/Service	The venue for capturing said photos and videos shall be conveyed by POWERGRID, and shooting will be done in coordination with POWERGRID's nominated employee for the concerned work.	Will POWERGRID provide SME during video shoots? Kindly confirm.	Yes.
10	Scope of Supply/Service	Background music and narration in English should accompany the animations	Will the videos have English voiceover only or will regional languages be required as well?	Only in English
11	Scope of Supply/Service	The vendor will conduct onsite demonstrations of the modules for POWERGRID users, covering all features.	Will the live demonstration be a presentation of the final videos, or is the vendor expected to run the modules using specific hardware like VR headsets or 3D screens? Who will be the target audience for the demonstration?	The presentation will be of final videos on a screen where the participant will wear 3D glasses. Target audience is POWERGRID internal employees.

12	Scope of Supply/Service	Qualifying Requirement> The bidder must have successfully completed# as a prime contractor at least two projects for development of videos incorporating Immersive Technology** with total duration of 35 minutes or more under each project for any organization(s) within the last seven (07) years as on the originally scheduled last date of bid submission (soft copy) i.e 21.05.2025.	If a bidder has completed projects using 3D animation that are not stereoscopic or VR compatible, will those qualify under immersive technology criteria?	No, only works of 3D animation with stereoscopic video shall be considered for qualification.
13	Other		Is there a Prebid meeting scheduled for this tender? Kindly provide the details.	Yes. Meeting at Corporate Centre, Gurugram on 14 <sup>th</sup> May, 2025 from 11:00 am.
14			Any estimated budget for this project?	As per prevailing practice of the Organisation, estimated budget has not been made visible for this package

**Safety Guidelines to be followed during work execution at site**

1. The Agency shall:
  - a. comply with all applicable safety regulations and Laws;
  - b. comply with all applicable safety obligations specified in the Contract.
  - c. While working in POWERGRID premises/facilities, the safety measures specified by POWERGRID shall be adhered to.
2. In-case of manpower deployed at a site is less than 10 then Agency will nominate senior most experienced worker as gang leader/safety steward for briefing to each worker daily before start of work about safety requirement and precautions to be taken against the imminent dangers (Daily Safety pep-talk), etc.
3. In case of any accident
  - a. The Contractor shall promptly inform to the Engineer-in-charge and also to all the authorities envisaged under the applicable laws.
  - b. The Contractor shall ensure that the affected person(s) must be administered first-aid and all efforts made to immediately shift to nearby hospital or any other such place for medical treatment. Contractor shall bear all medical expenditure for treatment of victim.
  - c. All deployed workers should be covered under suitable insurance policy.
4. It is mandatory for the Contractor to observe the following during the execution of the works:
  - a. All person(s) engaged for the work shall wear electrical safety shoes. Other PPEs like helmets and reflective jackets shall be provided by POWERGRID.