

PUSHPA GUJRAL SCIENCE CITY

Minutes of the Pre-Bid Meeting held online on 27.02.2025 for Supply, Installation, Integration, Testing and Commissioning of Mobile Digital Planetarium Projection System with hardware and software packages, interfaces, tools at Pushpa Gujral Science City, Kapurthala with 3 (three) years on-site comprehensive warranty

PRESENT

PGSC's Representatives

Dr. Munish Soin, Scientist 'D', PGSC (Chairman)
 Er. Ritesh Kumar Pathak, Scientist 'D', PGSC (Member)
 Sh. Aman Sharma, MFA cum Administrative Officer, PGSC (Member)

Agency's Representatives

Sh. Pankaj Sharma, Leo Planetaria Astronomy Education Pvt Ltd- Attended online

The members of the committee were welcomed and informed that following agency has shown interest in the participation of the pre-bid meeting:

1. **M/s Leo Planetaria Astronomy Education Pvt. Ltd- vide email dated 26.02.2025**

The Clarifications given by the committee are as under:

Sr. No.:	Tender Reference			Statement as per tender document	Enquiry and Suggestions by the Agencies	Clarifications given by PGSC
	Page	Section No.	Section Name		Leo Planetaria Astronomy Education Pvt. Ltd	
1.	19	S. No. 1	Scope of work and Technical Specifications	Supply and installation of one number of professional grade DLP Laser Phosphor Projector with fish eye lens to provide a full dome seamless display of at least 2.1 MP arranged in a front projection configuration. The projector model should be capable of running continuously for at least 12 hours a day and 365 days a year. The projector should be mounted on a suitable compact structure.	The firm sought clarifications regarding the full dome seamless display of at least 2.1 MP arranged in a front projection configuration.	No change in the clause. It was clarified that the projection system should provide a Full Dome Seamless Display of at least 2.1 MP arranged in a front projection configuration. The Minimum resolution of the projector system should be 1920 x 1200 (full HD)

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2.	21	S. No. 1 Fish Eye Lens	Detailed Technical specification of system Components	Wide aperture (such as f/2.8 or wider) to allow for low-light performance and capture more light for better image quality.	The firm asked whether f/3.5 aperture would be allowed	No change in the clause. It was clarified that only wide aperture (such as f/2.8 or wider) will be acceptable.
3.	22	S. No. 4	Astronomy Sky Simulation Playback Software	The software should be perpetual licensed and should have the feature to install new features/updates released by the manufacturer from time to time.	The firm informed that most astronomy sky simulation playback software for mobile planetariums is freeware and does not require any license	No change in the clause. It was clarified that the Astronomy Sky Simulation Software should be perpetually licensed.
4.	23	S. No. 8	Online UPS for the Planetarium System	The bidder shall supply one online UPS units, each with a minimum capacity of 2 KVA, for uninterrupted playback of the planetarium system during power failures.	The bidder inquired whether they can supply two 1 KVA UPS units instead of one 2 KVA UPS unit.	No change in the clause. The bidder shall supply one online UPS unit with a minimum capacity of 2 KVA

As there was no change in the clauses of the tender document, all terms and conditions of the tender document remains same


Anjan Sharma


Ritesh Kumar Pathak


Dr. Munish Soini