



Pimpri Chinchwad Science Park and Planetarium

www.pcsciencepark.org

Expression of Interest (EOI)

**Inviting Proposals for providing exhibit
display on Virtual Reality, Augmented
Reality & Artificial Intelligence**

EOI Notice No. 01/2024-25

1. CONTEXT



The city of Pimpri-Chinchwad with an estimated present population of about 25 lakhs is situated towards the northeast of Pune and is about 140 km from Mumbai. The Pimpri-Chinchwad city is managed and governed by Pimpri-Chinchwad Municipal Corporation (PCMC) which is responsible for planning and providing infrastructure services over an area of 181 sq.km.

In addition to various infrastructure facilities provided by PCMC, a Pimpri Chinchwad Science Park (PCSP), Pune has been set up at a capital cost of Rs. 850 lakhs, which has been shared equally by the Pimpri Chinchwad Municipal Corporation, Pune and Government of India. The corporation provided approximately 7 acres-of-land for setting up the Science Park and the centre has been developed under the auspices of National Council of Science Museums (NCSM), Ministry of Culture, Government of India and the Pimpri Chinchwad Municipal Corporation, Pune. For the purpose of functioning of Science Park, a SPV is registered under the company as a non-profit company under section 08 of Companies Act, 2013.

2. Purpose of this EOI

Pimpri Chinchwad Science Park (PCSP) through this EOI, invites suggestions from interested entities involved in the development and operation of science & technology-based theme parks/ galleries at existing Science Hall located at first floor. The interested entities are expected to submit their ideas (new or already executed elsewhere) for providing exhibit display on Virtual Reality, Augmented Reality & Artificial Intelligence as part of their EOI submission.

Post receiving proposals, PCSP would evaluate the appropriateness and feasibility of the proposed science & technology-based theme and would release a Request for Proposal (RFP) for selection of an entity who would build the proposed activities and operate & maintain them at the proposed location on revenue sharing basis. The RFP process would be independent of this EOI.

To enable entities for preparation of their EOI, the section below provides details of the Science Park for which the proposals are invited.

3. Key Features of Science Park.

Key Features

- **Area – 7 Acres**
- **Automobile Gallery -600 sqm**
- **Energy Gallery – 400 sqm.**
- **Fun Science Gallery – 600 sqm.**
- **3-D theatre**
- **Childrens play area**
- **Food court**
- **Parking area**

Set up in the February 2013, the Science Park is situated near Auto cluster, Pimpri Chinchwad, Pune. The Science Park is spread over an area of 7 acres, consisting of science based galleries and about 4000 sqm built up area of the total science park, housing 3 permanent galleries, a temporary exhibition hall, 17m dia dome planetarium of 122 capacity with hybrid projection system, a science demonstration area, activity corner, an auditorium, 3D science show facility, library cum conference hall and a workshop for maintenance and development of exhibits and other visitor facilities.

➤ **Science Garden**

The Science Garden takes science beyond the four walls of the main building. The garden sprawling over 3.5 acres of land makes learning of science concepts easy, in a non-coercive and lush-green environment. It consists of several interactive exhibits that explain various principles of science.

➤ **Dino Park**

This is a prehistoric park with dinosaurs from different era presented along with the flora of the Mesozoic period. The displays are supported with information regarding their size, weight, their body construction along with food habits and their life span.

➤ **3D Theatre.**

Digital technology offers immense avenues to present images with extraordinary variety. In this theatre, polaroid based stereo projection creates three dimensional effects. The show gives an immersive experience with the help of special polaroid glasses and results in learning of abstract concepts of science.

➤ **Children's Corner**

Children can enjoy simple experiments here with a variety of puzzles and science kits that can nurture their scientific curiosity.

➤ **Taramandal**

A unique inflatable dome planetarium that brings astronomy education in an interactive way is Taramandal. As against a regular planetarium, in this, the demonstrator interacts with the audience and they in turn are required to perform some activity leading to better understanding of the subject. The inflatable dome planetarium can accommodate 30 students or 25 adults at a time.

➤ The current tickets prize breakup for different galleries, auditorium can be referred at **Annexure I**

4. EOI Submission Requirements

The private entity may submit the following details as part of its EOI submission:

- Details as required in Annexure II (details of the firm & past project experience)
- Proposed activities at the Science Park
 - Schematic design/ visuals/ walk through etc. to demonstrate the proposed activity and exhibits display in VR/ AR/ AI
 - Broad cost estimates
 - Life of the assets
 - Key maintenance activity in VR/ AR/ AI
 - Estimated ticket (entry) for in VR/ AR/ AI section

It should be noted that the proposed activity should not disturb the existing setup in the ground floor of Planetarium basement. The proposed infrastructure should be in synchronization with existing setup and should maintain the ethos of the Science Park. All the changes and refurbishment should be carried out after due approval from Board of Directors, PCSP.

5. Key Eligibility of Private Entity

- 1) The private entity can submit their proposals as a single entity.
- 2) In terms of Financial Eligibility, the Private Player should have a positive net worth at the close of preceding financial year.
- 3) It should be in the operations since past 5 years from the submission date.

6. Process Ahead

- 1) The Private entity shall submit their concept & design and envisaged credentials by 05/11/2024 through email on pcsciencecentre@gmail.com or through weblink or through registered post on below mentioned address.

CEO,
Pimpri Chinchwad Science Park,
MIDC Area, near Auto Cluster,
behind D-Mart, Chinchwad,
Pune - 411019

Private entity may seek clarification, if any, arising from this EOI. PCSP will endeavour to clarify or provide additional information, if it feels suitable. The queries should be sent on the email pcsciencecentre@gmail.com, latest by 30/10/2024.

- 2) PCSP will intimate the eligible private entity to present their proposal. The prospective participants are advised to conduct the site visit. The site visit shall be conducted on prior appointment over phone during office hours.
- 3) Based on the proposals received from various Private entities and discussions with them, PCSP would further prepare the Request for Proposal and Terms & Conditions of the Agreement.
- 4) It may please be noted that all cost incurred by the private entity in proposal preparation shall be solely borne by the private entity.
- 5) It may be noted that, the selected O&M agency shall be responsible for maximising the footfall through marketing, advertising.

Annexure I
Pimpri Chinchwad Science Park and Planetarium
Entry Fee per head w.e.f. 05/01/2024

Sr. No.	Category		General Visitors		Age/ Grade	School/ College Groups	PCMC Schools	Ashram Schools
			Below 12 yr	Above 12 yr				
					-	(Minimum no. of students: 20)		
1.	Only	Science Park	₹ 30	₹ 60	-	₹ 30	₹ 30	₹ 30
2.	Only	Planetarium Show	₹ 90	₹ 110	-	₹ 80	₹ 45	₹ 60
3.	Package Ticket for	Science Park + Planetarium Show	₹ 100	₹ 150	-	₹ 90	₹ 65	₹ 80
4.		Science Park + 3D	₹ 60	₹ 90	Preschool to Grade 6	₹ 50	₹ 50	₹ 50
					Grade 7 and above	₹ 60	₹ 60	₹ 60
5.		Science Park + 3D + Planetarium Show	₹ 120	₹ 180	Preschool to Grade 6	₹ 110	₹ 85	₹ 100
	Grade 7 and above				₹ 120	₹ 95	₹ 110	
6.	Parking	2 Wheeler	₹ 15	-	-	-	-	-
		4 Wheeler	₹ 25	-	-	-	-	-
		Bus	Free (to promote public transport/ E-vehicle/ Bicycle)					
7.	Other Shows	*Liquid Nitrogen Show	₹ 20	₹ 20	-	₹ 20	₹ 20	₹ 20
8.	Other Facility	**Virtual Car Drive	₹ 50	₹ 50	-	₹ 50	₹ 50	₹ 50

*Liquid Nitrogen Show Timings: 11:30 am, 12:30 pm, 02:30 pm, 04:30 pm

Minimum strength of participants required: 10

Tickets will be available at the Reception.

**Tickets for Virtual Car Drive are available separately in the Automobile Gallery.

Annexure II – Details of the Entity

1. General Details

Sr. No.	Type of Information	Details	Supporting Document
1.	Name of Company / Firm / Organization / Agency		Incorporation Certificate
2.	Registered Head Office Address of the Company / Firm and contact details		
3.	Year of Establishment		
4.	Constitutional Status of Applicant's Company (Whether Company registered under Indian Companies Act 1956/ 2013/ Partnership firm/ LLP/ Proprietorship.		
5.	Name & Contact Detail of Authorized Representative		
6.	Turnover for the past 3 years - (2023-24, 2022-23, 2021-22)		CA Certificate. IT returns
7.	Self-Declaration for Non-Debarred / Blacklisted / Defaulted FIR/ Non-Politically exposed person against the Company / Firm		

2. Experience of similar projects

Name of the project*	
Year	20__ to 20__
Project cost	Rs in lakhs
Name of the client	
Location	
Activities carried out	Please provide scope of services carried out
Type of contractual arrangement	EPC, EPC with maintenance period, Public Private Partnership (PPP) arrangement
Number of years of operation	

**International project shall be preferred*