



Surat Municipal Corporation (SMC)

Muglisara, Surat-395003, Gujarat, India.

www.suratmunicipal.gov.in

**EOI for upgrade / setting up a Digital Planetarium System having latest technology with maximum utilization of existing Digital Planetarium System at Science Centre Surat, Gujarat.
CE/SCS/EOI/01/2021-22**

Surat Municipal Corporation invites an expression of Interest from reputed company / firm /organization (single bidder or consortium) for upgrade / setting up a Digital Planetarium System having latest technology with maximum utilization of existing Digital Planetarium System at Science Centre Surat, Gujarat.

For more information please visit www.suratmunicipal.gov.in.

Events	Target Date
Notice Inviting Expression of Interest	CE/SCS/EOI/01/2021-22
Last date for submission of EOI	Till 11/10/2021 up to 18:00 hrs
Submission of EOI offer with complete technical details of the all necessary supporting documents	The Chief Accountant, Surat Municipal Corporation Gordhandas Chokhawala Marg, Muglisara, SURAT - 395003
Presentation of the offered solution	To be decided and communicated later.

The right to accept/reject any or all bid(s) received is reserved without assigning any reason thereof.

S/d
City Engineer
Surat Municipal Corporation

EOI for upgrade / setting up a Digital Planetarium System having latest technology with maximum utilization of existing Digital Planetarium system at Science Centre Surat, Gujarat.

Surat Municipal Corporation (SMC) invites Expression of Interest (EOI) from reputed company/firm/organization (single bidder or consortium) from India and abroad for design, development, implementation and maintenance of the Digital Planetarium System having latest technology with maximum utilization of existing digital planetarium system at Science Centre Surat, Gujarat.

Introduction & brief History of Surat and Science Centre Surat :

Surat, is one of the fastest developing cities in India and considered as an "Economic Capital" of Gujarat. With its dynamic leadership both at the political and executive levels, it is on the threshold of another bout of explosive growth in terms of industrial and economic output, creation of new jobs and wealth, educational opportunities, well planned environment and cultural activities with a good quality of life.

Surat Municipal Corporation is a local self-government which came into being under the provisions of the Bombay Provincial Municipal Act, 1949, is playing a key role by charting the path of progress for the city in different areas like infrastructure, water supply, transport, solid waste management etc. Along with the above civic amenities Surat Municipal Corporation is providing education, recreation, health & hospital, generating power, etc. and as a part of providing educational and entertainment Surat Municipal Corporation has developed Science Centre Surat, Traffic island, park, aquarium, sports complex, etc.

Science Centre Surat is a multi-facility complex in Surat developed by the Surat Municipal Corporation in the year 2009, and the first of its type in western India. The complex houses a Science Centre, Art Gallery, Auditorium, Amphi-theatre, Planetarium, 3D Theatre, etc.

Science Centre forms the main part of the entire complex; it displays thematic galleries in the field of Science and Technology. The ground floor of Science Centre showcases Souvenir Shop, 3D Theater, entry plaza exhibits & park exhibits. First floor of Science Centre showcases Planetarium, Fun Science Gallery, Entering into Space Gallery and Power of Play Gallery. Second floor of Science Centre showcases Diamond Gallery and Astronomy, through ages gallery.

Among these galleries and other facilities, **Digital Planetarium** is one of the fascinating places of Science Centre, which attracts visitors to have awesome experience of observing night sky in full dome projection. Digital Planetarium is a full dome theatre having 140 seating capacity. It has a 16.3mt. diameter outer dome, 14 meter projection dome with 12 degree tilt, equipped with Digistar - 3 projection system, having DLP Christie's six (6) projectors. This DS+650 projector is a dual lamp system which contains two lamps in each projector for operation. Total 12 (Twelve) lamps are used in 6 projectors, which projects planetarium show on a large perforated dome made of powder coated aluminum panels (180 x 360⁰). This system is

equipped with 5.1 Digital Surround Sound Audio. It is operational since December, 2009, which means it has been serving for more than eleven (11) years. Now the technology and equipments needs to be updated.

Objective of this EoI:

With the above mentioned information about Digital Planetarium at Science Centre, Surat Municipal Corporation wishes to set up / upgrade existing Digistar 3DLP DS+650 projector with the latest technology having longer life time and minimum maintenance with maximum utilization of existing planetarium system at Science Centre Surat, Gujarat, including maintenance for at least 5 years and supply of minimum five(5) free planetarium shows (at least having 25 - 30 mins. other than existing shows of Science Centre Surat) with license of minimum 10 years subscription . Science center Surat also would like to use the existing Full dome and astronomy shows along with new upgraded system.

Eligibility Criteria:

1. Applicant or at least one member of the Consortium (In case applicant is a consortium) should have experience of successfully setting up at least three (3) Full dome digital planetarium system of the same make to be offered, having not less than 14 meter or more diameter dome size at Planetarium / Science centre / Science City or any other similar places in India which must be operational for at least one year.
2. Applicant shall have minimum net worth of Rs. 1Cr. as per latest audited balance sheet of last three years. The applicant or their member of the consortium or any other Affiliated Entity must not been in bankruptcy in the last 5 years.

Proposal:

The project report shall comprise with following details with presentation of 30-40 mins covering following details:

1. Company Profile:
 - a. Completed workand existing projects related to digital planetarium
 - b. about latest technologies in the field of digital planetarium
 - c. Futuristic view on dome theatre
2. Proposal for setting up a Digital Planetarium System having latest technology with maximum utilization of existing planetarium system at Science Centre Surat,Surat, Gujarat.
3. After sales Maintenance for at least 5 years and supply of minimum 5 free Planetarium shows in various languages.
4. Plan for payback of the cost incurred on this initiative.

Submission of EOI :

Interested parties should submit a brief profile of the Company / Agency / organization / consortia members, audited financial statements for the last three financial years, certificates and evidence of relevant experience along with a detailed proposal with proposed technology,type of system and equipment to be used along with a presentation.

EOI to be Submitted to:

The Chief Accountant,
Surat Municipal Corporation
GordhandasChokhawala Marg,
Muglisara, Surat - 395003,
Gujarat, INDIA

EOISubmission date: EoI must be submitted in such a manner show as to reach above stated office on or before 11/10/2021by 18:00 hrs.

Site visit and Presentation:

Short listing of the Applicant will be based on the responses receive to this EoI. Each applicant for EoIshall make a detailed presentation showing company profile, similar work done elsewhere, technical capabilities, proposed technology and equipments, types of shows, maximum utilization of existing system, etc in front of an evaluation committee.

Evaluation Criteria:

The designated committee shall evaluate all the proposals/ presentations and select the most suitable system based on QCBS. Tender documents shall be prepared by the administration for the selected system and shall be issued to only the participants of this EoI.

SMC reserves the right to accept or reject any EoI offers and reject all offers at any time, without thereby incurring any liability to the affected bidder or bidders or any obligations to inform the effected bidder or bidders of the ground for SMC's action

Clarifications:

For Any queries may contact
The Chief Curator,
Science Centre Surat,
City Light Surat-395007
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Email Id : sciencecentre@suratmunicipal.org

S/d
City Engineer
Surat Municipal Corporation