Chhatrapati Shivaji Maharaj Vastu Sangrahalaya
159-161 Mahatma Gandhi Road,
Fort, Mumbai - 400023
Maharashtra, India

EOI No.CSMVS/**E046**/2018-19 November 17, 2018

**TENDER NOTICE - E046**

**GPR (Ground Penetrating Radar) Investigation Service Provider**

Chhatrapati Shivaji Maharaj Vastu Sangrahalaya is one of the premier cultural institutes established as Museum in a Grade I heritage building. The museum intends to carry out non destructive subsurface investigation service using Ground Penetrating Radar (GPR) for mapping of underground utilities up to the depth of 3 mtr along the proposed route & location where STP (Sewage Treatment Plant) is proposed to be installed. CSMVS intends to invite tenders from qualified & experienced GPR Investigation Service providers.

**Scope of Work:**

1. To map underground utilities at the proposed stretch at CSMVS Mumbai up to the depth of 3 mtr, its analysis and interpretation of the data collected from the investigation report should be submitted with findings.
2. To scan the proposed sites to map underground existing pipeline services, cables, etc. It includes generation of 2D map with marked utilities alignment and depth information. It also includes generation of 3D view of subsurface of the scanned area with identified utilities wherever applicable.

**Methodology:**

Ground Penetrating Radar, SIR-3000 GSSI system will be used with 400MHz Antenna to cover a depth of around 1-3 m with fair resolution.

**Deliverable:**

Report will contain the following information:

• Radargrams containing impressions of utility features.

• 3D subsurface view of the site (wherever applicable).

• Plan view of the site with marked observed features obtained from the survey.

• Interpretations based on the available information and the observed features.

**Tenure:**

The total time to complete the project will be approx. around 7 working days.

Applicants are requested to submit their Tender along with their company profile, Proof/Certificate of similar jobs completed and consultancy fees. Superscribe the envelope with **“E046** - **GPR Investigating Service Provider”** to Assistant Director (Admin) on the above-mentioned address latest by 22nd November 2018.