

REQUEST FOR EMPANELMENT (RFE) OF FIRMS FOR SERVICES FOR HIGH PRECISION LEVELLING

ATE No: RPE/HPL/GRB/SOI22

Date: 18-07-2022

Survey of India (SoI), The National Survey and Mapping Organization of the country under the Department of Science & Technology, is the OLDEST SCIENTIFIC DEPARTMENT OF THE GOVT. OF INDIA. It was set up in 1767 and has evolved rich traditions over the years. In its assigned role as the nation's Principal Mapping Agency, SoI bears a special responsibility to establish and maintain National Spatial Reference frame. For this purpose Survey of India has realized Horizontal and Vertical datum's by mean of National Ground Control Points (GCPs) Library: At 25-30 km across the country and Precision Bench Marks (BMs): At 35-40 km across the country, respectively.

Survey of India has initiated **Geodetic Leveling** in 1856 and Connected Karachi to Calcutta by a Level Line of 2200 Miles in 1864 and subsequently The Indian vertical datum(IVD) was realized in 1909 on the basis of average MSL of nine tide gauge station along Eastern and Western cost of Indian Peninsula.

These levelling height information is more than 100 years old and many of them have got destroyed or become untraceable over the time. Considering this Survey of India has undertook a mammoth exercise of Redefinition of Indian Vertical Datum.

Under first phase of this work SoI has established a Network of High precision Levelling Lines connecting 8 Tidal observatories of country with help of 11 Closed circuits (Total Length of 19,540 lin Km).

This Network is now being densified with aim to extend Levelling network to furthest region of country and to provide a Precision Benchmark at every 20 to 30 Km.

SoI invites RFE from reputed Firms (here in after referred to as "Agencies") for empanelment for services for High Precision Levelling in regions as detailed below

<i>Lot</i>	<i>Scope of work</i>	<i>State</i>	<i>Tentative Length of Precision Leveling (in Fore + back direction)</i>
<i>Lot 1</i>		<i>Chhatisgarh</i>	<i>7000</i>
		<i>J&K and Laddakh</i>	<i>1500</i>
		<i>MP</i>	<i>13000</i>
		<i>Maharashtra</i>	<i>15000</i>
		<i>Odisa</i>	<i>7000</i>
		<i>Rajasthan</i>	<i>12000</i>
		<i>TamilNadu</i>	<i>6000</i>
		<i>Uttarakhand</i>	<i>2000</i>
		<i>Himachal Pradesh</i>	<i>2500</i>
		<i>North Eastern States</i>	<i>14000</i>
		<i>Total</i>	<i>80000</i>

Please go through the full document available at <https://eprocure.gov.in/eprocure>

1. Applicants (here in after referred to as “Bidders”) are required to submit only one application.
2. Details on the services to be provided are mentioned in the Scope of work in this document
3. A **pre-bid meeting** will be held on **01/08/2022 at 14:30hrs** at Survey (Air) & Delhi Geo-spatial Data Centre, Survey of India, West Block No.4, R.K. Puram, New Delhi PIN - 110 066.
4. Bidders eligible as per qualifying conditions will be shortlisted based on the information provided by them. The short-listed agencies will be invited to make a presentation and Field demonstration to the Evaluation committee. The notice for short listing of agencies for technical presentation and Field demonstration will be intimated individually and will be uploaded on the website <https://eprocure.gov.in/eprocure/app> and <https://surveyofindia.gov.in/pages/result-of-tenders>.
5. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>. Tenderers/ Contractors are advised to follow the instructions provided in Instructions to the Contractors /Tenderer for the e-

submission of 'Eligibility Criteria' and 'Technical Bids' online through the Central Public Procurement Portal for eProcurement at <https://eprocure.gov.in/eprocure/app>. [Bid](#) documents may be scanned at 100 dpi with black & white option which helps in reducing the size of the scanned document.

6. Hardcopy/details of the original instruments in respect of Bid Security declaration, original copy of affidavits etc. must be submitted at the office of Director Survey (Air) & Delhi Geo-spatial Data Centre, Survey of India, West Block No.4, R.K. Puram, New Delhi PIN - 110 066 by 1500hrs on the date of bid opening as given in the Important Date-sheet.
7. The agencies will be selected as per the evaluation mechanism of this RFE.
8. Bidders may contact Director, Survey (Air) & Delhi Geo-spatial Data Centre as mentioned above, for any clarification on the RFE before the time as per schedule given at para 3.7 by email delhi.gdc soi@gov.in Clarifications requested through any other mode or after said due date shall not be considered by the Purchaser.
9. SoI reserves the right to reject any or all of the responses to this RFE with out assigning any reason. SoI takes no responsibility for delay, loss or non-receipt of response to RFE.
10. On the basis of scores given by the committee, it is envisaged to empanel agencies for the services as per scope of work listed under Schedule V of this RFE.

Important dates:

S No.	Activity	Date
1	Last date for submission of written queries (email or post only)	04-08-2022
2	Pre bid Meeting	01-08-2022 at 14.30hours
3	Last date for submission of RFE	30-08-2022 by 15.00hours
4	Date of opening of Technical bids	31-08-2022 at 16.00hours
5	Technical presentations for Shortlisting agencies based on eligibility criteria.	Will be intimated in Technical Bid Opening Report
6	Final Selection.	1 st week of October 2022

11. The interested bidders will have to upload Bid Security Declaration Form as per Section IV. Bids must be submitted online on <https://eprocure.gov.in/eprocure/app> (website) on or before the date and time for receipt of bids, and the 'Technical Part' of

bids will be opened online on the specified time and date for opening of bids, as given above. The “Financial Part” shall remain unopened in the e-procurement system until the second public Bid opening for the financial part. Any bid or modifications to bid (including discount) received outside e-procurement system will not be considered. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened on the next working day at the same time. The electronic bidding system would not allow any late submission of bids.