



SURVEY OF INDIA

INTEGRATED COASTAL ZONE MANAGEMENT (ICZM) PROJECT

The Government of India has received a credit from the International Development Association (IDA) towards the cost of ICZM Project and intends to apply a part of the funds to cover eligible payments under the contracts for “**LiDAR mapping of Andaman & Nicobar Islands and Lakshadweep Islands**”.

The scope of work includes complete mapping using Topo LiDAR and Aerial Photography, comprising all tightly coupled activities like flight planning, obtaining permissions and clearances, flight control and monitoring, flight evaluation, ground processing of LiDAR/Digital Photograph Data, Differential Corrections of on-board GNSS/GPS by RTK, drift correction of IMU using GNSS/GPS, provision of pre-pointed controls by signalizing of targets, LiDAR data classification, feature extraction, geoid modelling (for reducing heights to MSL) QA/QC of acquired data including re-flights as necessary etc.

In this connection it is proposed to carry out a **Pilot Project** to optimize the technical specifications for LiDAR technology in Andaman & Nicobar Islands for the first time in the country and to establish technical specifications for LiDAR in various terrain conditions. The test bed area will be Port Blair and surrounding areas including some limited area of dense forests.

A **Prospective Bidders’ Meet** will be organized at **Indian Institute of Surveying & Mapping, Survey of India, Uppal, Hyderabad-500039** on **19th and 20th August, 2013** from **10:00 to 17:00** hrs to assess the potential available in India to carry out the above tasks.

All prospective Bidders, active in the field of LiDAR data acquisition and processing are invited to attend the meeting along with a presentation of approx. **30 minutes** duration highlighting **Past experience** in the fields mentioned above, **Strength of Professionals, Resources/Equipments, Processing Tools/Techniques, best practices with emphasis on Technical Specifications in detail suitable to carry out the job mentioned in Para 3 above using LiDAR technology**. Companies actively involved in the field of Aerial Photography and interested in attending the Meet are also welcome.

All those who are interested to participate in the Prospective Bidders’ Meet are requested confirm their participation by E-mail at: soi.iczm@gmail.com latest by 14/08/2013.

(Sd/-)

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