



**G.B. Pant National Institute of Himalayan Environment
Kosi-Katarmal, Almora - 263 643, Uttarakhand**

Notice Inviting Expression of Interest (EOI)

G.B. Pant National Institute of Himalayan Environment, Kosi, Katarmal, Almora is seeking Expression of Interest from firms who are willing to undertake Aquifer Mapping (including Geophysical, Geological, Hydro morphological) of two recharge zones i.e, Devlikhan and Simtola and nearby areas of Kosi watershed initially for 70 Hectare area in specific zones of Almora district.

Background of the project

The objective of the work is to analyse the status of aquifers, including geophysical, geological, hydro geomorphological study, in Kumaun Himalaya, and initially in selected region of Kosi watershed. As per the report of the working group on sustainable Ground Water Management, aquifer mapping is must for ground water management program. The aquifer mapping approach can help integrate ground water availability with ground water accessibility and quality aspect. The selected site will range from Jyoli village to Suryakunj (nearby area of the institute) with appx 70 hectare area. The work will be done by inviting quotation from Indian agencies wsho are providing services in the area.

The scope of the work

1. Geophysical survey for aquifer mapping including groundwater distribution, productive aquifer thickness, soil thickness, weathered zone thickness, fractured rock thickness up to around 100m depth below ground level.
2. Geological/ hydrogeomorphological survey including geology, geomorphology, structural settings (lineament/fracture/fold), drainage, spatial map of water level
Mapping is required at 1"3000 scale with the grid size of 1.5m resolution.
3. Report writing including all the maps in 10meter point scale

Duration of contract: 3-4 Months

How to apply

Interested candidates may submit their "**Expression of Interest (EOI)**" accompanied with the detailed CV indicating present associations including brief and achievements in similar assignments with credentials. "Expression of Interest" must be sent to the following address latest by 29/09/2020 by hand or by speed post and clearly mentioned as EOI for Aquifer Mapping on the envelop.

Kind Attn.

To the Director

**G.B. Pant National Institute of Himalayan Environment (GBP-NIHE),
Kosi-Katarmal, Almora-263 643 (Uttarakhand)**