

Ref: Hyd/NKG/Tehri ...dated Jan. 9, 2012

**DEPARTMENT OF HYDROLOGY,
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE,
ROORKEE-247667**

Invitation for Expression of Interest

Sub: Establishment of Real Time Flood Forecasting Network for Tehri dam catchment area

The Department of Hydrology, IIT Roorkee has been entrusted with the task of 'Development of operational flood forecasting system for Tehri dam'. For establishment of network of hydro-meteorological stations for automatic data collection and transmission in real time, **Expression of Interest (E o I)** is invited from experienced and competent agencies. The network shall be established at various locations in the catchment of Tehri Dam Project. The interested agencies may be required to demonstrate the performance of their instruments at site for a limited period of one week or so. All instruments, accessories, material, labor etc. required for the demonstration work shall be arranged by the interested agency and no payment for the work shall be made to the party. After finalizing the technical specifications for the work, fresh notice inviting tender, shall be published in order to get the most competitive rates for the work and the parties among the qualified agencies shall be selected on lowest cost basis.

Following documents may be submitted along with expression of interest by **January 31, 2012.**

- Company's name, core business along with concerned person and his contact details.
- Company's turn over, profits etc. along with financial statement for similar jobs carried out in last five years.
- Details of qualified/ skilled/ experienced personals for the job.
- Work experience or similar jobs in hand.
- Time schedule for mobilization of resources and demonstration.
- Technical specifications for the equipment/sensors used for establishment of network alongwith the brochures

Brief details of the project

The dam is constructed across the river Bhagirathi at about 1.5 km downstream of its confluence with river Bhilangana in district Tehri-Garhwal, Uttarakhand (India). The catchment area up to the dam site is 7511 sq km out of which 2328 sq km is estimated as snow bound catchment. The maximum and minimum elevation of the catchment is about 7000 m and 600 m respectively. The catchment of Tehri Dam lies in Himalayan region with sparse vegetation. The catchment area of river Bhagirathi up to Tehri Dam is bounded between latitudes 30°20'N to 51°25'N and longitude 78°10' to 78°26' E.

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