

ANNEXURE-I

**Clarifications No. 02 Dated 23.04.2018 to Bid Queries
NIB No. 273 Dated 09.03.2018**

Name of work: Supply and Installation of Early Warning Systems for Pare Hydro Electric Project (110 MW), Doimukh, Arunachal Pradesh, India.

Sl. No.	Stipulation of Detailed Bid Documents	Bid Queries raised by the Bidders	Clarification by NEEPCO
1.	<p>Part –V: Technical Specifications of Detailed NIB</p>	<p>We would like to bring into your kind notice that the department has framed these specifications favoring only one particular brand. Whereas these tender specifications should have been generalized as generally done for the purchases in other Govt. Departments for Healthy competition, better and quality products with competitive pricing. The objective of the early warning system is to notify & communicate the riparian communities for emergencies which are likely to occur in the operation of Pare HEP in case of flood and release of water from the dam etc. but it lacks earthquake early warning.</p> <p>We are one of the competitive vendors to fulfill the said requirement of the tender enquiry along with Additional and Advanced features including Earthquake On-Site Early Warning and Security System and Our early warning system is capable to analysis incoming intensities of an earthquake on the arrival of nondestructive primary waves and trigger public warning and shut off. all running applications within a second and before the arrival of destructive secondary waves. It is very important for the project as Arunachal Pradesh falls under highly sensitive Seismic Zone 'V'.</p> <p>We have record timing of 30 second prior alarm in Indonesia and Chile earthquake. Our public sirens are 2-36 Omni or directional, Maximum 137 dB output @ 30m, maximum output power 5400 watts, maximum effective range @70 dBc is 2.27 Km, power supply configuration 12V, 24V, AC, 12V & AC, 24V & AC, 30 days (720 hours) standby time, communication through IP, IP-Radios, UHF/VHF, SATCOM, Inmarsat, GPRS, WIFI, WiMAX, Bluetooth and compatible to integrate with earthquake onsite early warning detectors. Our early warning system can deliver uninterrupted communication within 80-100 Arial kilometers through UHF/VHF using radio frequency along with all above mentioned features discarding the use of expensive VSAT communication technology for this project.</p> <p>We hereby request you to review the Tender specifications/ Requirements once again and extend the due date of the tender enquiry by including the feature of Earthquake On-Site Early Warning in the aforesaid project.</p>	<p>1. Clarification as sought regarding review of tender specifications/ requirement is not agreeable and Bid stipulation shall prevail.</p> <p>2. Last date of bid submission has been extended upto 14.00 Hours of 01.05.2018.</p>

Handwritten signature and date: 23/4/18, SM(e), CSP

Handwritten signature and date: 23/04/2018, Sr. Manager (C), CSP