



**G.B. Pant National Institute of Himalayan Environment (NIHE)**  
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**GROUND PENETRATING RADAR (GPR)**

**Corrigendum**

With reference to the e-tender No.-GBPNIHE/NMHS MOEFCC-GOI/Equipment/SM/2020-21/05, the modifications as per Table 1 in the tender document to be considered during bidding. Rests of the specifications are as per the earlier document No.-GBPNIHE/NMHS MOEFCC-GOI/Equipment/SM/2020-21/05:

**Table 1:** Modifications in the tender clause.

<b>Annexure V clause no.</b>	<b>Earlier specification</b>	<b>Modified specification</b>
A. Control system	* GPR Control System with in-built color LED display	* GPR Control System with in-built color LED display or external rugged display working along with the controller
B. Data	* Data Transfer through USB port and Wi-Fi Automatic recognition of antennas (like frequency, sampling, filters, gain setup, transmit rate, range etc.)	* Data Transfer through USB port and Wi-Fi Automatic recognition of antennas (like frequency, sampling, filters, gain setup, transmit rate, range etc.) for which preset file set up should be provided in controller or Similar.
<b>D</b> Antennas	* One multi low frequency bi-static rugged antenna * With central frequencies 15, 20, 35, 40 & 80MHz	* One multi frequency (any including low) bi-static rugged antenna should have central frequencies within range 10MHz to 80 MHz. Necessary user-friendly standard arrangements could be made in the antennas / frequencies for depth penetration up to 50 meters.
D. Antennas	* 40m length Fiber Optic Cable for bi-static rugged antenna for CMP/CDP data collection.	* 40m length Fiber Optic Cable for bi-static rugged antenna for CMP/CDP data collection Or 40m length Fiber Optic Cable or any other suitable cable arrangement for bi-static rugged antenna for CMP/CDP data collection Or any similar arrangement.
F. Supply should complete with following items	* <b>(4.)</b> 1 No. Multi Low Frequency Antenna having at least 4 frequencies from 15MHz to 80MHz as mentioned above	* <b>(4.)</b> 1 No. Multi Frequency Antenna as mentioned in clause D.
G. Other Criteria	* At least 15 Systems from same manufacturer should have been supplied in India to Govt. organizations. * No Laptop requirement for field operation	* More than 05 Systems from same manufacturer should have been supplied in India to Govt. organizations. * If necessary a laptop may be supplied with the equipment for data storage and analyses. The laptop should be able to work under harsh conditions and air temperature -20 to 50°C.