

## Addendum-2

1. The specification of Radar Water Level Sensor in Section 6: Appendix B under the title Water Level monitoring System has been amended as below:

Original Specification				Amended Specification	
Bridge mounted Radar Water Level Sensor Specification				Radar Water Level Sensor Specification	
S, No	Equipment	Description & Specification.			
1	Radar Sensor	i)	Power in put	10-15 V DC	10-15 V DC
		ii)	Power consumption	≤ 15mA active, ≤ 10 mA sleep	<b>≤ 30mA active, ≤ 10 mA sleep</b>
		iii)	Range	0.8 - 35m	<b>i. Lower range: ≤ 0.5m ii. Higher range: ≥ 35m</b>
		iv)	Mounting Support	Required.	Required.
		v)	Accuracy	(Linearity, repeatability, hysteresis) 3mm or Less.	(Linearity, repeatability, hysteresis) <b>10mm or Less.</b>
		vi)	Resolution	1 mm or Less	1 mm or Less
		vii)	Transmit frequency	≥24 Ghz	≥24 Ghz
		viii)	Measuring Time	≤ 20second	≤ 20second
		ix)	Beam angle	≥ 12°	<b>≥ 10°</b>
		x)	Antenna type	Closed flat antenna	Closed flat antenna or any other compact/cone/ horn type antenna
		xi)	Interface	RS485 (should work with cable lengths of at least 850 meters)	RS485 (should work with cable lengths of at least 850 meters)
		xii)	Operating temperature	-40 to +60° C	-40 to +60° C
		xiii)	Relative humidity	0 to 100%	0 to 100%
		xiv)	Accessories	Cable and mounting should be included	Cable and mounting should be included
	Re-Chargeable Battery	12 V/ The battery system must be capable of operating all components of monitoring station for 20 days without charging.		12 V/ The battery system must be capable of operating all components of monitoring station for 20 days without charging.	

2. The deadline for Submission of Bids has been extended from **30 September 2021** at 1200 hours Nepal time to **08 October 2021** at 1200 hours Nepal time.
3. The office account no. given in S.N. 4 of IFB has been amended from 1000200010000 to **1000100200010000**.