

Date: 09/07/2021

CORRIGENDUM /ADDENDUM - 01

1. It is notified to all concerned parties that with reference to our **Tender No:** IITH/EE/RAJALAKSHMI/2021/T316-R/G dated: 28/06/2021 the changes are being made in the technical specifications w.r.t. the Tender, the amended specifications for LiDAR are as follows.

Technical Specification of 64-channel LiDAR with suitable mount (for mounting LiDAR on Car)

Parameter	Requirement
Number of channels	64
Measurement Range	up to 120m
Vertical field of view	>25°
Horizontal field of view	360°
Frames per second (FPS)	>=10
ROS compatibility	Should have compatibility with ROS (Robot operating System)
Laser	Class 1 eye safe
Range Accuracy	+ or -2cm
Horizontal Angular (Resolution)	0.08° – 0.35°
Angular Resolution (Vertical)	0.4°
Operating Voltage	12 – 32 V
Connection	100 Mbps Ethernet Connection
No. of points per Second	- Single Return Mode: ~1,300,000 points per second - Dual Return Mode: ~2,200,000 points per second

Mount Specification: The mount should be compatible with the proposed LiDAR, being provided, for mounting it on a car.

2. All other terms and conditions of the tender remain unchanged. Bidders, who have already submitted their bids prior to issue of this corrigendum need to submit again as per the revised specifications.