

Date: 28/04/2021

ADDENDUM - 01

It is notified to all concerned parties that with reference to our **Tender No. IITH/EE/RAJALAKSHMI/2021 /T304** dated: 07/04/2021 the following specifications are added to the existing specifications.

1. Surround Radar

Features& Applications atleast: Blockage detection, Auto alignment, Object List, Blind Spot Warning, Lane Change, Avoidance of Lateral Collision, Freespace and Parking support, Safety Integrity Level according to ISO 26262: up to ASIL-B, Enhanced Cyber Security, Flexible interfaces (Ethernet, CAN-FD)

Technical Specifications: Minimum requirement along with other essential requirements like Range: >160 m, Field of View: atleast $\pm 90^\circ$ detection / $\pm 75^\circ$ measurement, Update Rate: atleast 40 ms, Operation Freq.: 76...81 GHz

2. Long Range Radar

Features and application atleast: In combination with Camera, Adaptive Cruise Control, Emergency Brake Assist, Traffic Continuous Indication, Traffic Jam Assist, Elevation measurement capability / Fusion with Camera, Navi, etc

Technical Specifications (Minimum along with other essential requirements): Range >150m, Temperature: -50 to +85, Field of View: atleast $\pm 4^\circ$ 200m (220m typ.) / $\pm 9^\circ$ 120m / $\pm 45^\circ$ 40 ...70m
Operation Freq.: 76...77 GHz

3. Short Range Radar

Feature and applications atleast: Blind Spot Warning, Lane Change Assist, Turn Assist, Front Cross Traffic Alert

Technical Specifications (Minimum along with other essential requirements):: Range upto 100m, good Range Resolution (FFT bin) NRS: atleast 0,2m FRS: 1m, Angular Accuracy: Horizontal: atleast $\pm 2...5^\circ$ Vertical

4. Multi-Function Camera

Features and Application atleast: driver assistance functions like lane departure warning, traffic sign assist and intelligent headlamp control, object detection for forward collision warning and pedestrian detection

Technical Specification: CMOS color image, atleast 1280 x 960 pixels, high dynamic range and sensitivity etc.

5. Surround View Camera

Features and Application atleast: provides a complete 360° view around the entire vehicle, simple blind spot mitigation

Technical Spec: good Lens cap diameter, light Weight, Anti-lock Up, Low-latency, Watchdog, Embedded Line etc..

	In place of	Read as
Bid Submission Close Date	29/04/2021 at 3:00 PM	10/05/2021 at 11: 00 AM
Opening of Technical Bids	29/04/2021 at 3:30 PM	10/05/2021 at 11: 30 AM

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.