

₹3.5 cr spl vehicle to monitor health of e-ways digitally

TIMES NEWS NETWORK

Lucknow: The UP expressways industrial development authority (UPEIDA) is planning to procure a special vehicle equipped with hardware and measurement

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instruments worth about Rs 3.5 crore in a bid to ensure a comfortable and smooth ride on the longest expressway of the state, officials said.

The authority has tied up with a Swiss research company to transfer the technology required for the pilot



File photo

UPEIDA has tied up with a Swiss research company for the pilot project

project.

At present, UPEIDA is using a network survey vehicle which uses a laser, global positioning system and video image processing tools to examine the condition of the pavements. Having tied up with Zurich, Switzerland based RTDT Laboratories AG last month, the authority decided to upgrade its technology to offer a comfortable ride to the road users plying via the network of expressways in UP.

Chief engineer of the authority, Shri Raj said that the proposal of the RTDT Laboratories has been approved by the board and an amo-

unt of Rs 3.15 crore (excluding the tax component) was sanctioned to procure the special vehicle equipped with the sophisticated technology.

Another officer from the authority added that the Swiss company would support the authority as a holistic digital doctor which would provide sensors, data analytics tools and artificial intelligence models which would be analysed to improve the condition of the pavements.

Road geometry data which includes gradient, curvature, slope along with pavement texture and rut

depth profiling among other parameters would be gathered through the new vehicle.

While examining the proposal, the authority agreed to set aside the amount as in the long run the latest technology is expected to rationalise the maintenance cost. As the onus of maintaining the expressways developed under the engineering, procurement and construction mode is generally on the construction agency for a period of five years, the authority expects the latest technology would help in estimating the distress on pavement surface periodically.