

# Semiconductor manufacturing in Lko def node

TIMES NEWS NETWORK

**Lucknow:** After BrahMos missiles, semiconductor infrared detectors, a highly sophisticated set of devices used for thermal imaging in darkness, could soon be manufactured at the defence corridor's Lucknow node in Sarojininagar.

For this, Uttar Pradesh Expressways Industrial Development Authority (UPEIDA) is going to allot 10 hectares of land to Dehradun-based DRDO's Instruments Research and Development

## HI-TECH

Establishment without any cost for the manufacture of multi-sensor surveillance systems as well as opto-electrical equipment.

According to the authority, almost 5,000 such devices are imported every year from Israel and France, and the indigenous facility will help the country strengthen its defence systems.

The UP govt, after holding a cabinet meeting in July, had cleared the proposal of handing over 10 hectares to the premier defence institute. Senior govt officials, who were instrumental in preparing the initial outline of the project, said: "Multi-sensor surveillance systems, thermal imaging sy-

stems, opto-electrical equipment, as well as mid-wave dewar cooler assembly, could be produced alongside the BrahMos missile at the facility."

The devices and products, as well as the technology would help individuals access visuals of a scene during complete darkness as IRDE would convert infrared radiation into detectable electrical signals that would be processed into images.

As such technology is currently unavailable in the country, through the defence ministry, the help of the Indo-Israel management council would be taken to facilitate the transfer of technology, said officials.

It is estimated that upon getting operational, at least 150 engineers, as well as 500 blue-collar workers, will be employed.

UPEIDA has already given a commitment to handing over 80 hectares of land within the Sarojininagar node of the defence corridor to the defence ministry. Similarly, land will be awarded to the premier institute that is governed by DRDO.

UPEIDA has managed to aggregate more than 160 hectares of land in the defence node being planned on the Lucknow-Unnao border.