

L&T Press Release

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L&T wins (Significant*) Order for LIGO India Observatory

Mumbai, February 24, 2026: Two business verticals of L&T - the Heavy Civil Infrastructure (HCI) and Heavy Engineering (HE) - have jointly won a significant order from the Department of Atomic Energy of Government of India, for establishing the LIGO India Observatory. The Observatory will come up at Aundha in Maharashtra's Hingoli district.

LIGO (Laser Interferometer Gravitational Wave Observatory) is used for detection of gravitational waves caused by cataclysmic cosmic events through multikilometer-scale wave detectors using laser interferometry.

The initiative will be one of India's flagship 'Mega Science' projects, developed through a collaboration between premier Indian research institutions – including RRCAT and IPR – and the LIGO Laboratory of the United States, with support from Caltech and MIT.

L&T's project scope encompasses comprehensive engineering, procurement and construction of vibration sensitive specialised high-precision civil infrastructure, along with the manufacture and installation of ultra-high vacuum compatible 8 KM beam tube and critical equipment for vacuum infrastructure.

Integration of mechanical, electrical, HVAC, fire protection, vacuum control, monitoring system and all support utilities are also in L&T's scope. The project completion deadline is 48 months.

This prestigious order reinforces L&T's strong track record and proven expertise in delivering complex projects in the field of science and technology.

Background:

Larsen & Toubro is a USD 30 billion Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing, and Services, operating across multiple geographies. A strong, customer-focussed approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business for eight decades.

***Order Classification**

<i>Classification</i>	Significant	Large	Major	Mega	Ultra-Mega
<i>Value in ₹ Cr</i>	1,000 to 2,500	2,500 to 5,000	5,000 to 10,000	10,000 to 15,000	> 15,000

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