

General Motors Corporation

# India Technical Center

To support local demand for vehicles, General Motors called upon SSOE to assist with a conceptual design and site analysis for their first technical center in India.

The conceptual design was a representation of local architecture while being conducive to a state-of-the-art technical center. Multiple security measures were put into place, including multiple access points for both external and internal use from different levels of personnel. These highly secured spaces could only be accessed by specific groups and prevented visualization from inside and outside of the facility.

Two sites considered for the project included a new, greenfield site adjacent to an airport and a vacant, brownfield winery. With SSOE's long-standing relationship with General Motors and experience in the design of technical centers, SSOE was able to understand specific client requirements and how surrounding environments would impact the equipment. Vibration, sound isolation, radio interference, reliable and available electric power, and security were taken into consideration while selecting a suitable site.

From previous experiences with international automotive technical centers, including General Motors, SSOE had a firm grasp on acquiring a reliable high-level power source for the facility in an area where one may not be readily available.

## value promise

By understanding the interrelationships of the different user groups of General Motors from previous projects, SSOE was able to minimize the building footprint by creating common spaces for each group. This reduced the initial facility fee and annual operating costs.

**size** 870,000 sq. meters

**location** Bangalore, India

## highlights

Master planning

Multiple secured spaces

Site analysis

Sustainable design

Test facility