CST Covers is proud to announce the commencement of construction on the recently awarded dynamic IDBI Bank project. “CST Covers is very excited to have been recently awarded the contract to supply materials for two (2) 16.5-meter diameter domes located on the new IDBI Bank Annex building. These unique dome structures will sit vertically, one on the exterior and one on the interior of the main structure appearing as a globe floating through the building and will provide the building with a defining and distinctive feature to the overall façade.” says Grace Ferretti, Global Business Development Manager of CST Covers.

The architect and building engineers were challenged by having to adapt an innovative dome system and mount the structure in a vertical application to create a functional multi-story atrium. The challenge of the design was rotating the structure and supporting it vertically eradicating the dome’s natural tension ring. Another key design challenge was to create a geometric grid that aligned the triangulated grid pattern with the level floor slabs and to maximize the structural efficiency by minimizing the quantity of anchors at the interface of the building face.

CST Covers provided two domes that consist of all-aluminum I-beam struts with snap cap inserts to give the structure a sleek, smooth look. As a result of aluminum’s sustainability and resistance to corrosion, the domes were left unpainted in its natural mill finish state. On the interior and exterior dome, glazing will be installed to create a climate controlled atrium that spans multiple floors. The IDBI Bank glazed dome façade is collaboration between CST Covers and their local joint venture partner, Temcor Rollwell. Construction is being provided by Temcor Rollwell under the direction of CST’s Construction Supervisor. The IDBI Bank Annex Building is expected to be completed in the summer of 2016.

One of the largest commercial banks in India, IDBI Bank (formerly known as the Industrial Development Bank of India) is a governmentally owned financial service company. In 1964, IDBI was constituted under the Industrial Development Bank of India Act as a Development Financial Institution. IDBI Bank is a Universal Bank with its operations driven by a cutting edge core banking IT platform. The Bank offers personalized banking and financial solutions to its clients in the retail and corporate banking arena through its large network of branches and ATMs, spread across India.

CST Covers has supplied over 16,000 covers in more than 90 different countries and offers multiple structural high strength aluminum design solutions including domes, vaults, extruded flat covers, formed flat panel covers, truss supported covers, spaceframes as well as custom products specifically designed for customers unique vertical and overhead applications.

CST Covers maintains manufacturing facilities and technical design centers in Gardena, California; Conroe, Texas; and Rincon, Georgia.