

T.Y. LIN INTERNATIONAL TO DESIGN TWIN RIVER BRIDGES

SAN FRANCISCO, CA – T.Y. Lin International is pleased to announce that the firm will be spearheading the design of two new cable-supported bridges to cross the Jialing and Yangtze Rivers in Chongqing, China.

Known as the “Bridge Capital of China,” the city of Chongqing is intersected by two major rivers, the Yangtze River in the south and the Jialing River in the north. The new Dongshuimen Bridge will cross the Yangtze River from the south to the Yuzhong peninsula, where the city’s center is located. A tunnel will carry traffic through the heart of downtown Chongqing to the northern side of the peninsula. At this end, it will connect with the new Qianximen Bridge crossing the Jialing River to the northern district. The bridges will each carry four lanes of traffic plus pedestrian paths on their upper decks and two transit tracks on their lower decks. A single plane of cables will support the steel girder for each bridge.

In 2008, Chongqing City Investment and Construction Company held an international design competition to select the final designer. The owner desired two signature spans whose prominence would add a significant element to the city’s skyline but at the same time would not block the view of the City. In addition, the need to expand Chongqing’s transit rail network and to do it cost-effectively led to the selection of a new design concept, the partially cable-supported girder bridge, developed by Man-Chung Tang, Chairman of T.Y. Lin International.

This relatively new concept, the partially cable-supported girder bridge, offers a transparent bridge configuration that is aesthetically pleasing and, at the same time, economical due to its structural efficiency. As Technical Director for the Joint Venture of Chongqing Communications Research Institute and T.Y. Lin International, Dr. Tang will provide leadership and oversight for this challenging project. The bridges are scheduled to begin construction in 2009.

Founded in 1954, T.Y. Lin International is an internationally recognized, multi-disciplined transportation planning and engineering firm committed to providing innovative, cost-effective, constructible designs for the global transportation infrastructure market. With more than one thousand employees working in offices throughout the United States and Asia, the firm is able to provide support on projects of varying size and complexity.

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