

Shanghai New International Expo Center, Shanghai, P.R.C.



Project

62,000sqm exhibition center

Client

Shanghai Pudong Land Development Corp / German International Exhibition Center (GEC)

Value

US\$70 M

Assignment

Project Management

Completion

April 2001



BLL has just finished providing Project Management services for the Phase 1 of Shanghai New International Expo Center project in Pudong New Area, Shanghai. German International Exhibition Centers and Shanghai Pudong Land Development (Holding) Corporation developed this US\$70 million project with a building area of 62,000 square meters.

The urban concept is like a town. The halls form a triangle with entries in-between, creating a large triangular town center, which serves as an open exhibit area. Surrounding this center are covered arcades which connect the entries with all halls. The repeating structures of the halls form a soft wave, which gives the New International Expo Center its unique image. At the northwest corner a circular tower marks the Expo Center. Next to the congress center it houses offices and a 400 room hotel.



The construction of Phase 1 includes entries, halls and 4 exhibit halls as well as the arcades connecting halls and exhibit halls and individual exhibit halls. The four exhibit halls are tied together with the grand arcade. The landscaping surrounding the open exhibit area makes the town center complete in Phase 1.

The endwalls of the halls are glazed to admit natural light. Shading devices keep out the sun and provide blackout for events, if necessary. The sidewalls are insulated formed steel sheet.

The roof is of integral waterproofing, insulation and acoustics. The primary structural system consists of simply supported steel girders with short cantilevers at both ends. Inside the halls 2 meter wide slots in the roof at 12 meter intervals are covered with fiberglass membrane and provide soft daylight. At the arcade, the membrane stretches the

The exhibit halls measure 80m×200m and are column-free. The halls accommodate the required technical specifications for flexibility of division.

The system developed for any individual hall is a decentralized conditioning concept. Conditioning is achieved by package units integrated into the exterior sidewalls and thus requires no floor space.

Shanghai New International Expo Center has become the most advanced facilities and a landmark project in the unique environment of Pudong.

