

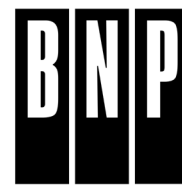


CHANGI INTERNATIONAL AIRPORT

Singapore

Terminal 5 Baggage Handling Systems

Changi Airport Group | 2016 – Ongoing



ASSOCIATES, INC.

BNP was engaged by Changi Airport Group to provide consulting services for the baggage handling system at the new Terminal 5 as part of Changi International Airport expansion plans. BNP has been contracted for the master planning and the development of the concept design for the baggage handling system.

The new Changi Terminal 5 will handle 70 million annual passengers and will include an interface to transition bags into Terminal 5's baggage handling system from rail cars for passengers arriving at the airport by train and checking their bags remotely from the Jewel shopping mall. Design and planning are performed in coordination with the overall master planners and terminal designers and architects.

Much consideration is given to the coordination and interface with the inter- and intra-terminal tunnels, including the Automated People Mover. By ensuring the tunnels linking the existing passenger terminal buildings and the tunnels linking the new Terminal 5 buildings are laid out and aligned in coordination, the client can optimize construction time and cost, and thereafter the operational efficacy of the various key airport systems. Effective and open communication between BNP and the overall master planners and other airport system designers is essential in the smooth facilitation of this process.

Because the new Terminal 5 is designed to handle Changi's air traffic up through the mid 2050's, it is paramount that sufficient thought and consideration be placed upon the future proofing of the BHS. In this regard, BNP synergizes our vision for the future of baggage handling together with the client's unique operational requirements into several tailored baggage handling solution suites.

BNP PROJECT TEAM

Benedict Oon, Project Director

REFERENCE

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SCOPE OF SERVICES

Master Planning

Conceptual Design