

BOSTON LOGAN INTERNATIONAL AIRPORT AIRPORT WIDE 100% CHECKED BAGGAGE SCREENING



OWNER

MASSACHUSETTS PORT
AUTHORITY

BNP PROJECT MANAGER

STEVEN LAPORTA

LOCATION

BOSTON, MA USA

CONTRACT PERIOD

2002 - 2003

ENTIRE PROJECT AMOUNT

\$146 MILLION

BHS CONSTRUCTION AMOUNT

\$45 MILLION

REFERENCE

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SCOPE OF SERVICES

CONCEPTUAL DESIGN
DESIGN DEVELOPMENT
CONTRACT DOCUMENTS
BIDDING AND PROCUREMENT
CONSTRUCTION MONITORING

RELEVANCE

INLINE 100% CHECKED BAG
SYSTEM

BNP was retained as part of the DMJM Harris planning team to design the inline baggage screening systems for all of the Terminals at Boston Logan International Airport. The design process was completed over a period of approximately two months in the effort to have the majority of the bagrooms operational by the end of 2002. The configuration of the systems and the specific features of each bagroom is confidential.

In general, the bagrooms are located between the check-in areas and the existing outbound baggage systems. Each bagroom operates with Level One EDS machines that determine pass or fail conditions. Passed bags continue onto sortation. Failed bags are reviewed by an operator and then either cleared or sent on to ETD. Each ETD operator receives a print out of the failed bag image so the trace operation can be directed.

The bidding process for the project was unique. Each vendor was given approximately one week to review the contract documents. All the vendors were then invited to the bid opening in Boston where the contracts were negotiated and awarded on the spot. Four baggage system vendors were awarded the ten individual projects.

BNP worked closely with the TSA during the course of this project interfacing on technical issues, equipment deliveries, operations and after installation EDS machines improvements.

BNP was also been retained by Delta Airlines to provide the baggage system designs for the new Terminal A project at BOS. That system which also includes 100% inline screening has been operational since 2005.

BNP's scope of work includes concept design through construction monitoring with eight (8) full time site engineers.