



Lobby 2 Lobby 3 Lobby 5 Lobby 7 Lobby 8 BHS Control Room

DANIEL K. INOUE INTERNATIONAL AIRPORT

Honolulu, Hawaii

Airport Summary Brief

BNP Associates, Inc. has been doing business at HNL since 1974. Some of our projects include:

TERMINAL 1 LOBBIES 2, 3 AND MAUKA CONCOURSE

The current baggage make-up needs for outbound flights in Lobby 2 and Lobby 3 are performed on 4 make-up devices, with 2 located in each Lobby for a total cart presentation of approximately 30. An analysis was performed based on provided summer 2018 flight operations for Hawaiian Airlines in Lobby 2, 3 and future building Mauka. A new centralized in-line CBIS/CBRA that will process bags checked in Lobby 2, 3 and the future building will replace the two existing CBIS/CBRA located in the current location. The new centralized in-line CBIS/CBRA will be compliant with PGDS v6.0 requirements, will incorporate agricultural screening and will free up space for additional make-up devices that are required to meet the forecasted bag demand for design year 2026.

TERMINAL 1 & 2 BHS PHASE 1

The Terminal 1 & 2 Phase 1 project is the initial phase of a major DOT-A effort to advance baggage handling efficiencies. Baggage Handling System Improvements Phase 1 is the initial segment of retrofit modifications to the legacy outbound baggage handling systems at the HNL airport's Terminal 1 and Terminal 2. Replacing the make-ups in Lobbies 5 and 7 will decrease maintenance costs and increase system availability by decreasing repair times. The Lower-Level Controls utilized in Lobbies 2,3, & 8 have reached the end of their serviceable life and are no longer supported, making maintenance and repair work costly. In addition to this, there is a need for fiber connection between lobbies and the BHS control room as access is currently enabled through the use of a VPN. Furthermore, the changes being proposed to Lobby 8 offer more efficient sortation and reduce the sortation BHS footprint significantly, allowing room for future BHS projects.

TERMINAL 1 & 2 BHS IMPROVEMENTS PHASE 2

Security will be improved through new controlled ticket lobby entrances and curbside bollards in Terminal 2. Security and operational efficiency will be improved through Checked Baggage Resolution Area (CBRA) rooms. Health and safety problems such as slippery surfaces, leaks, inoperable windows, inadequate drainage, and low light levels will be addressed.

Improved Baggage Handling project will optimize baggage screening by enhancing and upgrading all Checked Baggage Inspection Systems (CBIS) to the latest TSA Planning Guidelines and Design Standards (PGDS) requirements to save capital costs, manpower, and operations and maintenance costs. A new centralized inline CBIS/CBRA that will process bags checked into the Lobby 8 basement will enhance the two existing CBIS/CBRAs in Lobby 7 and Lobby 8. The new centralized inline CBIS/CBRA will meet the forecasted bag demand for design year 2030.



ASSOCIATES, INC.

BNP PROJECT TEAM

David Mecartney, Principal
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BHS CONSTRUCTION AMOUNT

US \$109.5 Million

REFERENCE

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SCOPE OF SERVICES

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