

# INCHEON INTERNATIONAL AIRPORT – Automated Baggage Handling System



## **OWNER**

INCHEON INTERNATIONAL AIRPORT CORPORATION (IIAC)

## **OWNER'S REPRESENTATIVE**

S.W. PARK

## **BNP PROJECT MANAGER**

DAMIEN BREIER

## **LOCATION**

KOREA

## **COMPLETION DATE**

2001

## **ENTIRE PROJECT AMOUNT**

US \$7 BILLION

## **BHS CONSTRUCTION AMOUNT**

US \$100 MILLION

## **REFERENCE**

S.W. PARK

BHS DIRECTOR

2172-1 WOONSEO-DONG

JOONG-KU, INCHEON CITY 400-340

PHONE: 82-32-741-5342

## **SCOPE OF SERVICES**

CONCEPTUAL DESIGN

DESIGN REVIEW

CONSTRUCTION ADMINISTRATION

OPERATIONAL STARTUP

CONSULTING

ONGOING OPERATIONAL

CONSULTING

## **RELEVANCE**

AUTOMATED BAGGAGE HANDLING

SYSTEM INTEGRATING 100% HOLD

BAGGAGE SECURITY SCREENING

REQUIREMENTS

In 1998, BNP was retained by the Incheon International Airport Corporation (IIAC) to provide baggage handling system consultancy services for the new Incheon International Airport that was under construction at the time. BNP's services included mechanical design review, low level and high level control system design review, general building and services coordination review, punchlisting, acceptance testing, operational readiness trials and operational start up assistance. BNP was on site full time for three years with a staff of up to four engineers.

The baggage handling system, valued at more than US\$100 million, is tilt tray based and includes six sorters with approximately 50 laterals, an early bag storage system, 15 dual feed claim devices, 252 check-in positions and 14 transfer input conveyors. In addition, baggage screening is accomplished with more than 50 advanced technology X-ray machines and 6 CTX machines.

BNP played an integral role in assisting IIAC to successfully open the baggage handling system and the entire airport in March of 2001. BNP continued to be under contract with IIAC for operational consulting services through the end of 2002.



PROJECT BRIEF