



NORTHERN TAIWAN MAIL PROCESSING CENTER

Taiwan

Postal Automation
Design Services

Chungwa Post Postal Services Company

In 2017, BNP partnered the local consultancy firm, SINOTECH, and was contracted by Chungwa Post Postal service company to provide Postal Automation design services for the Northern Taiwan Mail Processing Center.

The existing Taipei Mail Processing Center is scheduled for relocation to the new facility the new Northern Taiwan Mail Processing Center, which will be built inside a postal logistics park close to Station A7 on the MRT airport line. This new Center will consolidate and take over all the current operations handled by Taipei and Taoyuan Mail Processing Centers.

BNP was tasked to tailor the design of the automation solution for all of the following processes with state-of-the-art technology:

1. Sorting of regular mail, flat mail, bulk mail, registered mail, small packets, and parcels in Northern Taiwan (including Taipei City, New Taipei City, Keelung, Yilan, and Taoyuan) and delivery to local delivery post offices.
2. Parcel sorting by delivery section for certain regions in Taipei City, New Taipei City, and Taoyuan.
3. Inspection and processing of incoming international air mail, parcels, letters, and land/marine parcels.
4. Processing and screening (X-ray) inspection of outgoing international air parcels, letters, and land/marine parcels.
5. Setting up a working area of bulk mailing processing and parcel logistics.

After completing the conceptual and schematic design phases in 2018, BNP was retained to develop tender specification documents, building interface requirements and tender evaluation services for the development of the new Center.

Site size constraints necessitated a high throughput facility to meet Chungwa Posta's aggressive logistic growth rate. BNP designed a multi-level facility building which will contain 1 parcel sorting warehouse level, 3 mail (regular mail, flat mail, bulk mail, registered mail, International air mail and Electronic mail) and small packets sorting and processing levels. The facility will include multiple parcels cross belt sorting machines and letters and flats high throughput sorting machines.

Various mail processing solutions are designed for the installation of suitable automated transport equipment and whole logistics transportation system. While fulfilling personnel safety and mail security requirements, the planning, design, and technical services for the mail processing equipment take full consideration of the development trends of the postal service and operational demands that reduce labor and increase efficiency.



ASSOCIATES, INC.

BNP PROJECT TEAM

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BHS CONSTRUCTION AMOUNT

US \$45 Million

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SCOPE OF SERVICES

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