

Customs Administration, Ministry of Finance
Phase II Plan to Replace Small-scale X-ray Inspection Instruments

I. Plan Purpose

In line with the Executive Yuan’s promotion of the “New-generation Anti-drug Strategy 3.0,” Customs continues to advance modernization of inspection technology, strengthen clearance facilitation, and effectively combat smuggling activities such as drug trafficking. This plan aims to replace and procure 61 small-scale X-ray inspection instruments (hereinafter referred to as “X-ray inspection instruments”) during the period from 2026 to 2028. The instruments will be installed at passenger clearance units, international express cargo facilities, cargo terminals, and postal parcel handling centers under the jurisdiction of Keelung Customs, Taipei Customs, and Kaohsiung Customs.

II. Implementation Content

From 2026 to 2028, the project will complete public tendering, bid evaluation, contract signing, installation, and testing for 61 X-ray inspection instruments. In addition, it will include training sessions, applications for operation licenses from the Nuclear Safety Commission, and acceptance testing with subsequent payments.

III. Expected Benefits

A. Enhancing Enforcement Effectiveness

X-ray inspection instruments utilize non-intrusive radiation detection technology to scan passenger and crew baggage, ship supplies, as well as import, export, and transshipment cargo and international express mail parcels. These instruments serve to effectively block smuggling of contraband items and significantly enhance border inspection capabilities.

B. Improving Clearance Efficiency

The current X-ray inspection instruments have been in service for

many years, resulting in equipment aging, difficulty in maintenance, and frequent breakdowns, which may delay passenger and cargo clearance and generate public complaints, thereby affecting the image of Customs. The new dual-view X-ray inspection instruments procured under this plan will reduce delays caused by equipment failure and provide clearer imaging to assist Customs officers in accurate interpretation, thereby reducing misjudgments and enhancing overall clearance efficiency.

C. Enhancing the Image of Customs

The high-definition X-ray inspection instruments to be procured will enhance the ability of Customs officers to identify risks in inspected items, improve the accuracy of image interpretation, and reduce the need for manual baggage inspections. This will help eliminate passenger complaints, improve clearance speed, strengthen enforcement capabilities, and create a safer and more convenient clearance environment for businesses and the public, thereby elevating the quality and image of Customs services.

D. Boosting the Tourism Industry

Improved clearance efficiency translates into more time for inbound travelers to enjoy their stay in Taiwan. This not only alleviates time constraints but also exerts a positive influence on their willingness to spend, thereby generating real benefits for the local tourism market and enhancing the competitiveness of the tourism industry.