

Taichung Customs, Customs Administration, Ministry of Finance
Plan to Construct the Gantry-Mounted Container Inspection Machine in The
2nd Container Terminal Inspection Station

I. Plan Purpose

To enforce and carry out the policy of “Society Security Plan” of the “5 Major Social Stability Plans” announced by President Tsai, and the “New-generation Anti-drug Strategy 2.0” promoted by the Executive Yuan, Customs continues to step up efforts to modernize inspection instruments, create a facilitated clearance environment, and fight against illicit activities such as drug trafficking. The mobile container inspection machine currently used in The 2nd Container Terminal Inspection Station has been in operation since 2010. Due to the age of the machine, failures occur from time to time. The risk of its continuous maintenance is high. Therefore, it is necessary to replace it with a new one. The plan is to establish a new gantry-mounted cargo inspection machine, two X-ray cargo pallet scanners, and related engineering works such as constructing a shielding facility for blocking radiation in The 2nd Container Terminal Inspection Station from 2023 to 2027 to improve inspection efficiency.

II. Implementation Content

- A. Set up a task force to draw up a draft of the procurement specifications and tender documentation; conduct the lease contract signing, planning, and preparation for the alternative work sites.
- B. Conduct the procurement, bidding, comparison, and review of bidding, award of bidding, and contract signing and installation for the gantry-mounted cargo inspection machine, X-ray cargo pallet scanners, and ancillary works.
- C. Conduct the acceptance check of ancillary works and apply for the use permit.
- D. Conduct the system integration test, acceptance check, and operation of the gantry-mounted cargo inspection machine and X-ray cargo pallet scanners.

III. Expected Benefits

A. Shorten clearance time and save money while maintaining interdiction operations

Setting up high-tech cargo inspection machines could improve the accuracy of physical examination and enhance customs clearance efficiency.

B. Substantially upgrade image identification

The newly purchased gantry-mounted cargo inspection machine with high-energy beams would not only upgrade the image recognition and identification but also lower the risk of misjudgment; therefore, the efficiency of inspection and clearance will be uplifted.

C. Machine automation

The gantry-mounted cargo inspection machine is set up for self-operation screening to secure the safety of drivers at the inspection station. Therefore, staff members no longer have to acquire driving licenses for general light passenger vehicles. In addition, the maintenance fee for the mobile X-ray machine will be reduced.

D. Enhance customs clearance efficiency

Customs purchased X-ray inspection machines with high screening capacities, good resolution, and high accuracy of image recognition to assist physical examination. The program of risk management system and manifest targeting has been established where Customs can uplift the efficiency of inspection and clearance, thereby improving national competitiveness.

E. Improve inspection efficiency

Customs purchased X-ray inspection machines with higher radiation energy, better penetration and wire resolution to improve inspection efficiency.