



INVITATION TO TENDER

**SUPPLY, DELIVERY AND INSTALLATION OF LARGE
PARCELS X-RAY MACHINE**

TENDER NO: CABI/3674/06/2026/01

ABOUT CABI

CAB International (CABI) is an international, intergovernmental, not-for-profit organization that improves people's lives worldwide by providing information and applying scientific expertise to solve problems in agriculture and the environment.

Our approach involves putting information, skills and tools into people's hands. CABI's 48 Member Countries guide and influence our work delivered by scientific staff based in our global network of centers.

CABI invites applications from interested, competent, and eligible companies for supply and delivery of large parcel x-ray machine as per the specifications indicated on Annex 1 of this document

CABI reserves the right to accept or reject any bid in whole or in part and is not bound to give reasons for its decision.

Regards,
Procurement Department

INSTRUCTIONS TO APPLICANTS

- 1 **CAB International** herein referred to as “the organization’ or ‘CABI”, invites applicants who meet the criteria set out by the organization to bid for supply of large parcel x-ray machines **Hortifresh Association located at Entebbe international Airport free zone** located in Uganda.
- 2 This invitation to tender is open to potential applicants who can demonstrate proven technical and financial capacity to supply the machines.
- 3 Bidders may request clarification in relation to this tender by submitting a written request to the email: tendersafrica@cabi.org;
- 4 Applicants are required to submit documents requested in this invitation to tender. The Organization reserves the right to request for submission of additional information from applicants or any other credible source, and to visit and inspect the business premises of the applicant to verify the information given.
- 5 The organization will ensure that information received from Companies is treated with utmost confidentiality and shall be for the sole use of the organization
- 6 The deadline for submission of tender documents is 3rd August 2026.

EVALUATION CRITERIA

CABI will first examine tender documents to ascertain responsiveness to needs and documentation as described in this invitation to tender. Therefore, bidders should exercise particular care in reviewing the information required in this tender.

The factors that will be considered in the evaluation of tenders will include, but not necessarily be limited to:

- Capability to perform the contract i.e.; technical capacity.
- A proven track record in supplying similar goods to the organizations comparable to CABI.
- Compliance with tender terms and conditions.
- Financial capability.

It is the bidder’s sole responsibility to submit information related to the tender requirements. All

tenders will be evaluated in three phases:

1. Preliminary evaluation that will determine administrative compliance and eligibility for further evaluation.

The following mandatory documents must be provided in the tender. Bids that do not have all the following documents may, at the discretion of CABI not be assessed any further:

- Company profile
- Current and valid Trade License/ Current business permit from relevant authorities
- Special Licenses. Bidders shall provide, as part of their technical submission, the following TSA (Transportation Security Administration) Certification which is Specific to the exact make and model of equipment being offered

- Registration Certificate
- Valid Tax Clearance Certificate

NOTE: The above statutory documents may vary based on country of the tenderer. Kindly attach statutory documents relevant to your country.

2. Technical evaluation to determine technical capability of the bidder

The supplier is requested to submit any information which documents experience in the supply and installation of security screening equipment. The technical proposal shall include:

- Letters of reference from at least three organizations (not older than 5 years)
- At least three Purchase Orders or Contracts for supply of similar goods. (not older than 5 years)
- Manufacturer's Authorization Letter.
- Detailed product specifications.
- Brochures and catalogues.
- Warranty details
- Installation and training plan
- Delivery schedule
- Factory certified technician not less than 3 personnel trained to install and service the specific equipment
- Technician experience of not less 5 years installing and maintenance of similar equipment

3. Financial evaluation to consider pricing competitiveness and the financial capability of the vendor.

- Tenderers must demonstrate financial capability to perform the tender. Financial proposals of technically responsive bidders shall be evaluated.
- Please indicate your preferred payment terms.

SCOPE OF SUPPLY

The successful tenderer shall provide:

- Large Parcel X-Ray Machines.
- Installation and commissioning services.
- Operator and maintenance training.
- User manuals and technical documentation.
- Warranty support and after-sales service if any.
- Preventive maintenance during the warranty period.

TECHNICAL SPECIFICATION.

SPECIFICATIONS	REQUIREMENT
Minimum tunnel size	1820mm * 1810mm
Xray generator	200kv operating at 200kv
Tube current	1.2ma
Xray generator cooling	oil and forced air cooling
beam direction	vertical downward and

	horizontally sideways
Article separation	low z, medium z, high z to 0.5z accuracy
Minimum conveyor speed	0.20m/sec both forward and reverse
Dimensions (l x w x h)	8580mm x 2785mm x 3015mm
Conveyor height	should be 385mm
Conveyor load	3000kg
Weight	approximately 6800kg
Steel penetration	50mm guaranteed and 52mm typical
Wire resolution	36 AWG guaranteed and 38AWG typical
Power consumption	ac 220v ($\pm 10\%$) 5a at 50hz
Display monitor	21.5 inch or higher
Operator console	adjustable console
Extension rollers	1.5m both input/output rollers
Memory storage	1 tb as minimum
Ultra sonic technology	ultrasonic rodent repellant
Computer memory	4gb or superior
Multidiode structure	should have multidiode structure for both views
Detection of explosives and narcotics and density alert	the unit should be equipped with narcotics and explosives detection software as well as density alert software with audible sound alert and auto stop conveyor for threats alerts
Operating system	Linux operating system software
Standard features	The system should be equipped with programmable keys, Parcel counter Date and Time. Threat image projection software (TIP) Organic/inorganic threat alarm, Operator Training Program software Internal UPS (for computer supply), Multi language, Self-diagnosis Software Generator timer, Automatic conveyors stop capability on threat detection. Estop
Scan modes	The system should be capable of selecting different modes of scanning; continuous or default mode.
Standard image processing features.	• The system should have the best and advanced image processing features of: perfect view (detail enhancement) (PV) • edge enhancement (EE) • pseudo color (PS) • organic materials (OM) • inorganic materials (IM)

	• black & white (b/w) • inverse colors (IN) • high penetration (HP) • variable edge enhancement (+E –E) • variable density (+D –D) • variable gamma (+G –G) • variable color separation (+C –C) • zoom (64x) • sniper zoom • recall previous images (more than 100,000 or superior) • manual/automatic archive more than 200,000 or superior) • annotated archive • multi energy viewer (4 – 6 color) • atomic number display (z value)
Approval	Both TSA approved technology and STAC with supporting documents to be attached
Radiation safety	maximum radiation level at 0.1mr/hour on the exterior panels. this should be supported by documents.
Health and safety	USFDA federal standard 21cfr 1020.40 ip20 safety certified FCC & IEC compatibility CE compliance certified film safety; iso1600/33din
Network enabled	Must meet
Optional smart card login	yes
USB	6 USB ports
Computer video card	2gb or superior
Operating temperature	0 – 40 deg Celsius
noise level	less than 70db

BID VALIDITY

All prices must be quoted in **USD** and must remain valid for a minimum of 120 days from the date of submission.

NOTE: The incoterm for this tender is DPP- Delivery Duty Paid. Total price should be inclusive of all costs and taxes.

CONTRACT AWARD

The contract shall be awarded to the successful bidder whose tender has been determined to be substantially responsive and offers the best value for money.

SUBMISSION INSTRUCTIONS

Eligible and qualified firms are required to submit their tender documents to the email tendersafrica@cabi.org; on or before 3rd August 2026.

Questions related to this tender should be addressed via the same email- tendersafrica@cabi.org

ANNEX 1- PRICE SUBMISSION AND TECHNICAL SPECIFICATIONS

No.	Goods	Quantity	Unit Price	Total Price
1	Large parcel x-ray machines: Tunnel size 1820mm- 1810mm W x H (71.65inches x 71.26inches) Dual View Orientation	1		

Name of Vendor: _____

Name and Title: _____

Signature and Stamp:_____

Date: _____