



October 17, 2023

EOI-ERA-23-0002

EXPRESSIONS OF INTEREST (EOI)

X-RAY TRAIN INSPECTION SCANNING SYSTEM FOR THE CUSTOMS SERVICE OF UKRAINE

DAI Global is issuing This Expression of Interest (EOI) for the supply, delivery, and installation of fixed X-ray scanning systems for two rail border crossing points under the USAID/Ukraine Economic Resilience Activity Project (ERA).

BACKGROUND

The Ukraine Economic Resilience Activity (ERA or the “Activity”) has been working in Ukraine to strengthen the economy and improve the resilience of businesses and communities since 2018 and will run through August 2026. USAID ERA has a new mandate to facilitate the export of grains from Ukraine to the global market and improve the capacity of Ukraine’s cargo trade through western border routes.

The blockade of Ukraine’s Black Sea ports deprived Ukrainian exporters of marine trade routes, threatening to strike commercial vessels in the Black Sea headed to and from Ukrainian waters. Deprived of maritime trade, Ukraine’s exports reoriented to overland modes of transportation, rail, and trucks. This is creating pressure on border crossing points and adjacent infrastructure. To facilitate the flow of commodities from Ukraine to the global market through the EU borders and to prepare for greater integration with the European Union (EU), ERA is working with State Customs to upgrade border crossing points and adjacent infrastructure.

Currently, Ukraine has no rail X-ray scanner and ERA is issuing this Expression for Interest from companies able to supply X-ray scanners that reduce time for cargo inspection on the border. Following the release of this EOI, ERA will release a formal solicitation for the purchase of two X-Ray Train Inspection Scanning Systems.

EXPRESSION OF INTEREST

This Expression of Interest (EOI) is intended to solicit interest and invite potential suppliers that can supply X-ray Train Inspection Scanning Systems to present solutions to USAID ERA and Ukraine State Customs. These presentations will help the Activity to finalize its solicitation, including the specifications, delivery dates, characteristics of the X-Ray Train Inspection Scanning Systems, installation, training and maintenance requirements.

Delivery and installation of the equipment are expected at the Chop Railway Checkpoint in Zakarpattia Oblast and the Vadul-Siret Railway Checkpoint in Chernivtsi Oblast.

The scope of work and specifications are anticipated to include:

- 1- Supply, delivery, and installation of two X-ray Train Inspection Scanning Systems for the Customs Service of Ukraine at the western border, with the following technical specifications:
 - High-energy, high-speed railway scanner, which allows monitoring of cargo railway transport.
 - The possibility of scanning all types of freight cars and sea containers on the railway platform. Scanning speed (train): up to 10 km/h.
 - Linear accelerator: 6 MeV or more.
 - Easy to use software.
 - Automatic recognition of numbers of freight cars and sea containers.

- Integrated gamma and neutron pollution detection system.
- Scanning in both directions.
- Steel penetration: 310 mm.
- Wire resolution in the air: 2mm.
- Horizontal spatial resolution: 5 mm.
- Vertical spatial resolution: 5 mm.
- Contrast resolution: with a steel thickness of 100mm - 1%
- Operating temperature: from -40°C to +40°C.
- Remote monitoring (remote operator) using an internal network.
- Availability of a local, manufacturer-certified service dealer for repair and maintenance of equipment.

2- Support and warranty package for maintenance of the equipment.

More detailed specifications are provided in Annex 1.

Respondents must be licensed and legally organized businesses, organizations, or firms. Respondents should have current and demonstrable experience in supplying, delivering, and installing X-ray Train Inspection Scanning Systems.

RESPONSE SUBMISSION DEADLINE AND COMMUNICATION PROTOCOL

The deadline for responding to this EOI is **November 7, 2023, at 5:00 p.m.** US EST. Responses received after the deadline will not be reviewed and will be discarded by DAI, subject to the discretion of the project's management. Responses may be emailed to ERAhoprocurement@dai.com. Please address the subject of the email "Expression of Interest –X-Ray Train Inspection Scanning System for the Customs Service of Ukraine."

ERA will review responses and organize a conference call among interested vendors, the Customs Service of Ukraine, Ukrainian Railways, and ERA. At this conference, **each interested company will be asked to give a short (not to exceed 10-minute) presentation on its company, products specifications, availability, delivery and installation terms, and services, and recommendations for the specifications and solutions offered.**

DAI will only respond to written questions regarding this EOI through the email address ERAhoprocurement@dai.com and any questions must be submitted by **Friday October 27, 2023**, at 5:00 pm US EST.

All information provided by companies in response to this EOI will be treated confidentially. DAI will not use the information in any other context or setting and we will not reveal details to other parties. Upon receipt and review of EOIs,

OBLIGATIONS

DAI will not reimburse respondents for the costs incurred with preparing a response, nor does the issuance of this RFEIO obligate DAI to award a subcontract or purchase order. If a respondent is found to have made false or misleading claims or statements, obtained confidential information, or received improper assistance, DAI reserves the right to reject its EOI or one submitted on its behalf.

FACTORS FOR CONSIDERATION

Respondents are expected to submit an introductory letter or email and provide catalogs or other industry materials that demonstrate their ability to supply the X-ray Train Inspection Scanning Systems, including delivery and installation information, and terms, and possible alternative technical characteristics. In screening EOIs, the Activity will review the materials submitted, websites and information on past performance illustrating relevant experience delivering the required equipment..

PROHIBITED TECHNOLOGY

Interested providers **MUST NOT** provide any goods and/or services that utilize telecommunications and

video surveillance products from the following companies: Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision DigitalTechnology Company, Dahua Technology Company, or any subsidiary or affiliate thereof, in compliance with FAR 52.204-25.

CLARIFICATION OF SUBMISSIONS

DAI may require a respondent to submit additional information to better judge a response. Companies may respond to this EOI in English.

EXPRESSION OF INTEREST (EOI) FORMAT

EOIs must include the following.

1. Introductory letter with vendor/Company Information

Each EOI must include an introductory letter that has:

- Contact Information: Company name, address, and contact person information,
- Background of the Company: Form of incorporation (corporation, partnership, etc.), number of years in business, name of managing director, experience of similar supplies. Specify if the company has local representation, re-sellers, or system integration partners in Ukraine. If so, please provide the names of these local firms and please provide a brief description of the company.

2. Product catalog and information on rail X-ray scanner solutions.

Respondents must provide information materials with the technical specifications and terms of delivery and installation in their preferred format. The information should include, at a minimum:

- product specifications and product numbers,
- delivery timeframe,
- installation and delivery information,
- after-care support, and warranty information.

Offerors can provide information on multiple models that meet the requirements.

3. Client/Past Performance References

EOI respondents are encouraged to submit information about three similar clients/deliveries:

- Client name and point of contact name,
- Contact number, address, and email address.
- Total value and scope of supplies