Procurement for Security Inspection Equipment for the Entire Airport (Lot 1) of Hohhot New Airport financed by New Development Bank Loan
Addendum 1

To Bidders:

This addendum is issued to clarify and modify the clauses of “Procurement for Security Inspection Equipment for the Entire Airport (Lot 1) of Hohhot New Airport financed by New Development Bank Loan”(Bid No.E1501000001001833001001). For similar question from different bidders against the same clause that has already been clarified or modified, no repeated reply will be made. In case of any conflicts between the Bidding Documents and the addendum, the addendum shall prevail.

The Purchaser: Hohhot Airport Construction Management and Investment Co., LTD

The Tender Agency: Minmetals International Tendering Co., LTD

September 26, 2024

No.	Clause No. of Bidding Documents	Content of Bidding Documents	Questions from the Bidder	Clarification or modification
1.	Chapter III Pre-attached table of bid Evaluation Measures 2.2.2 Calculation method of the benchmark price of bid evaluation	See the bidding documents for details	According to the bidding documents, the benchmark bid price for this project is calculated as: highest bid limit * 70% + average bid price * 30%. The 70% of the highest bid limit serves as a component of the benchmark bid price, which will inevitably encourage potential bidders to increase their bid prices to approach the highest bid limit. This is obviously disadvantageous for the tenderer and severely restricts full competition for this project. Modification Suggestion: The highest bid limit not be included in the calculation of the benchmark bid price.	The security inspection equipment procured for this project is used to ensure the safe and stable operation of civil aviation airports. The bid price is just one of the evaluation factors in the bid evaluation method (comprehensive evaluation method) for bidders to participate in the competition, and it is not the sole determining factor for awarding the contract. The Bidder shall comply with the requirement of the Bidding Documents.
2.	Chapter III Pre-attached table of bid Evaluation Measures 2.2.4 (1) experience of the bidding equipment	See the bidding documents for details	This project's separate evaluation of the experience of the above equipment is clearly biased and does not accurately reflect the market situation of each device. In particular, for the experience requirements of the baggage CT security inspection equipment, only one manufacturer can achieve a full score. Such a scoring standard gives bidders	Bidders who do not meet this experience evaluation criterion will not be disqualified, and the experience scoring standards are aligned with the specific characteristics and actual needs of this bidding project, in accordance

			authorized by that manufacturer a significant advantage over bidders from other manufacturers, indicating a clear exclusivity in the scoring criteria. Modification Suggestion: Revise the scoring method according to the approach provided by the bidders.	with relevant laws and regulations as well as the procurement policies of the New Development Bank. The Bidder shall comply with the requirement of the Bidding Documents.
3.	Chapter V Supply Requirements 2.3.5 Layered management system for X-ray security inspection equipment (6) System architecture configuration 6) Windows Server operating system authorization and service requirements	The letter of authorization issued by the Microsoft manufacturer for this project shall be provided	The authorization process from Microsoft is complex, which may pose a risk of not being able to provide the necessary documentation during bidding. Modification Suggestion: "Bidders must commit in their bidding documents to provide an authorization letter issued by the Microsoft manufacturer for this project at the time of delivery."	Amended to: Bidders may promise in the bidding documents to provide the authorization letter issued by Microsoft manufacturer for this project when signing the contract. If the bidder still cannot provide this authorization when signing the contract, the purchaser will not sign the contract with this bidder and shall proceed accordingly with relevant procedures of the Bidding Documents and Bid laws and regulations.
4.	Chapter V Supply Requirements 2.3.5 Layered management	A 4U rack-type server	At present, the mainstream products on the market that meet the technical requirements of the Bidding Documents servers are all 2U rack servers.	Amended to: 2U or 4U rack-type servers

	system for X-ray security inspection equipment (9) Technical parameters and functional requirements of the system equipment 5) The database image storage server 2.3.7 CT security check equipment network management system (9) Technical parameters and functional requirements of the system equipment 5) The database image storage server		Modification Suggestion: 2U or 4U rack-type servers	
5.	Chapter V Supply Requirements 2.3.5 Layered management system for X-ray security inspection equipment (9) Technical parameters and functional requirements of the system equipment	Host Port: The current configuration must have ≥4 16Gb Fibre Channel (FC) front-end interfaces. It is required to support 12Gb SAS direct connection to servers, and bidders must provide a screenshot and link	This project's disk array must achieve storage dual-active functionality and require a high-performance disk array. Our company has consulted mainstream disk array manufacturers (Lenovo, Dell, Huawei, HPE, etc.), and their high-performance servers do not meet the requirement of "supporting 12Gb SAS direct connection to servers." Additionally, SAS direct connection technology is relatively outdated; FC SAN and IP SAN are the mainstream protocols used in storage due to their	Amended to: Host Port: The current configuration must have ≥4 16Gb Fibre Channel (FC) front-end interfaces. It should support 12Gb SAS direct connection to servers or

	7) Disk arrays 2.3.7 CT security check equipment network management system (9) Technical parameters and functional requirements of the system equipment 7) Disk arrays	from the official website.	high throughput, performance, and scalability. Modification Suggestion: Host Port: The current configuration must have ≥4 16Gb Fibre Channel (FC) front-end interfaces. It should support 12Gb SAS direct connection to servers or FC SAN or IP SAN modes, and bidders must provide a screenshot and link from the official website.	FC SAN or IP SAN modes, and bidders must provide a screenshot and link from the official website.
6.	Chapter V Supply Requirements 2.3.6 CT security check equipment (2) Main technical specifications and parameters 4. Technical parameters of the conveyor	4, the conveyor belt height: 600~800 mm	To ensure that the potential bidding equipment meets the requirements. Modification Suggestion: 675~775 mm	The parameters suggested by the bidder for modification are within the parameter range specified in the bidding documents. This clause shall not be modified.
7.	Chapter V Supply Requirements 2.3.6 CT security check equipment (3) Functional requirements	5) Requirements of key components and software list: it shall have a list of key components and software, listing the manufacturers and models of key components	Our bid for the CT security inspection equipment is based on the Civil Aviation License obtained in February 2022. The Civil Aviation License does not include a list of key components and software. To maintain the fairness and integrity of this project.	Amended to: Requirements for key components and software list: It should have a list of key components and software or a list of key information, listing the manufacturer and model of key

		such as X-ray and X-ray controller and software versions, and shall be consistent with the list of key components and software in the appraisal report or civil aviation license.	Modification Suggestion: 5) Requirement for List of Key Components and Software: The bid should include a list of key components and software, specifying the manufacturer, model, and software version of key components such as X-ray and X-ray controllers. This list should be consistent with the list of key components and software in the appraisal report, civil aviation permit, or manufacturer's commitment letter to ensure fairness and impartiality in the project.	components such as X-ray generating device, X-ray detector, motor, frequency converter, etc., as well as the software version (according to the actual situation of the product to be bid), and it should be consistent with the list of key components and software or the list of key information in the appraisal report or civil aviation permit or manufacturer's letter of commitment.
8.	Chapter V Supply Requirements 2.4 Technical indicators of the main equipment functions of the passenger's hand luggage security check equipment 2.4.1.2 Functional requirements	3. Image storage 3) Original image, single image ≥50000 pieces of luggage is stored locally, and server stores X-ray image ≥18 million pieces of luggage. 6. System management 18) Data storage (a), it describes the system's capability to complete the centralized storage of	The above two places are inconsistent with the server storage quantity, please specify the quantity requirements.	The number of pieces of luggage storing original security inspection images is not less than 22 million.

		correlated binding data such as passenger information, X-ray images, and other data. The system should ensure that the retention period for original images is not less than 90 days, and the storage capacity for original security inspection images of baggage should not be less than 22 million pieces.		
9.	Chapter V 1.3 Supply Requirements Purchaser Declaration (19)	Bidders must provide substantial responses to each clause of the user requirements document in the order specified. The main performance indicators must be filled in the "Technical Requirements Response Table," and any deviations related to this section must be listed in the deviation table.	The bidding documents do not provide the format requirements for the "Technical Requirements Response Table." Please provide this format. This bid includes a large number of products and systems, which will inevitably lead to extensive content in the product introductions. Chapter 5 of the bidding documents contains over 230 pages of supply requirements. After responding to each item, the "Technical Requirements Response Table" in the bid documents will exceed 300 pages. However, the software regulating the preparation of the bid documents stipulates that the technical section must not exceed 500 pages.	See the "Business and Technical Deviation Table" in the bidding document format. The clauses marked with "" in the bidding documents should all be listed in this table; for the clauses not marked with "", only the clauses with deviations need to be listed. For other clauses not listed, it is by default that the requirements of the bidding documents are responded

				to. Clause 10.7 in the pre-attached table of instructions to bidders in Chapter II of the bidding documents has been clearly stated: The bidding document production software of this project stipulates that the content of the technical part shall not exceed 500 pages. If the content of the "bidding scheme" chapter compiled by the bidder in the software exceeds 500 pages, the excess part can be supplemented in the "other materials specified in the pre-attached table of instructions to bidders" chapter.
10.	Chapter V Supply Requirements	14) In the key points of daily quality control, it is required to monitor the on-job map	The function each manufacturers implement different way, in order to ensure the potential bidders can participate in bidding,	The Bidder shall comply with the requirement of the Bidding

	2.3.1 Overall System Requirements	recognition status of the operator, while the on-duty status of the operator cannot be monitored in a real sense through quality control means such as on-site monitoring and video monitoring. It is required that the function of "iris sight recognition monitoring" can realize the quality control and supervision of the inspector through sight tracking, and at the same time, always remind me to concentrate on the map.	it should not limit the technical means to realize this function to "iris line-of-sight recognition and monitoring" technology. Modification Suggestion: 14) Only require the function of "being able to recognize the on-duty status of the startup inspector, realize quality control and supervision, and constantly remind oneself to focus on image interpretation."	Documents..
11.	Chapter V Supply Requirements 2.3.5 Layered management system for X-ray security inspection equipment (9) Technical parameters and functional requirements of the system equipment 7) Disk arrays	Virtualization enhancement: In order to ensure good compatibility and enhanced features support with Vmware, the manufacturer is required to be a member of the vmware Global Partner Alliance. Ascreenshots of vwmare's official website	The latest VMware certification list no longer conducts VSAN certification for new RAID cards. Generally, RAID cards in the compatibility list have been certified in the past, based on older VMware technology. New RAID cards configured in modern servers cannot obtain VMware certification. Currently, domestic disk array products maintain a high market share both domestically and internationally. Many domestic brands demonstrate good compatibility and enhanced feature	The Bidder shall comply with the requirement of the Bidding Documents.

	2.3.7 CT security check equipment network management system (9) Technical parameters and functional requirements of the system equipment 7) Disk arrays	should be provided.	support for VMware-based virtualization applications, excelling in stability, usability, and service support. Modification Suggestion: Delete this requirement.	
12.	Chapter V Supply Requirements 2.4.1.2 Functional requirements 6. System management 19) Dual-screen requirement for a single machine.	a) The equipment should meet the security inspection and customs inspection requirements for baggage, supporting simultaneous remote centralized image interpretation by security and customs. It should work in conjunction with the baggage system to facilitate the issuance of security and customs conclusions, as well as the sorting and disposal of items.	According to the description in the bidding documents, this requirement pertains to the handheld baggage X-ray machine, which is part of the passenger inspection business and does not need to integrate with the baggage system. Instead, it needs to work with the intelligent return system (equipment). Additionally, the remote centralized image interpretation for the handheld baggage X-ray machine is a research project, and the system is currently set up for local interpretation, lacking remote centralized interpretation capabilities. Modification Suggestion: a) The equipment should meet the security inspection and customs inspection requirements for passenger inspection, supporting local image interpretation for security and remote	The Bidder shall comply with the requirement of the Bidding Documents.

			centralized image interpretation for customs. It should work in conjunction with the intelligent return system (equipment) to facilitate the issuance of security and customs conclusions, as well as the sorting and disposal of items.	
13.	Delivery date	The plan is to complete the civil aviation industry acceptance by December 30, 2024, subject to the actual project implementation progress and the requirements of the purchaser.	Modification Suggestion: The delivery date for acceptance by the civil aviation industry before December 30, 2024, is clearly unreasonable.	The acceptance time is the planned time. In practice, it is subject to the project implementation schedule and the requirements of the purchaser. The Bidder shall comply with the requirement of the Bidding Documents.
14.	Chapter V Supply Requirements 1.3 Purchaser Declaration	*(11)Bidders should undergo technical testing for the acceptance of equipment use by the Office of Equipment Appraisal of the civil aviation Science and Technology Research Institute before the trial operation and obtain a qualified testing report.	Modification Suggestion: *(11)The bidder shall be responsible for completing the acceptance inspection of airport security facilities within the scope of this bid section and obtain the corresponding inspection report according to the standard requirements of Civil Transportation Airport Security Facilities Management Regulations MD-SB-2017-007. The expenses incurred therefrom shall be borne by the bidder.	Amended to: * (11) The bidder shall be responsible for completing the acceptance inspection of airport security facilities within the scope of this bid section and obtain the corresponding inspection report according to the standard requirements of Civil Transportation Airport Security Facilities Management Regulations

				MD-SB-2017-007. The expenses incurred therefrom shall be borne by the bidder.
15.	Chapter V Supply Requirements 2.3.2 Dual-channel and dual-angle X-ray security inspection equipment (3)Functional requirements	5) The list of key components and software should be provided, specifying the manufacturers and models of key components such as X-ray, X-ray controller, detector panel, motor, reducer, inverter, etc., as well as software versions (based on the actual situation of the proposed products), and should be consistent with the list of key components and software in the appraisal report or civil aviation license.	The Civil Aviation Safety Inspection Equipment Usage Permit issued after number 500 shall be accompanied by a list of key components and software, named as the Key Information List, with uniform requirements for component names of similar equipment, and it is recommended to be consistent with the name on the Civil Aviation Safety Inspection Equipment Usage Permit. Medium and large cargo X-ray machines will use motors and reducers. Passenger security inspection and transportation equipment both use drum motors, with the reducer and motor integrated, so passenger security inspection and transportation equipment do not involve reducers. Modification Suggestion: The equipment should come with a list of key components and software, or a key information list, specifying the manufacturers and models of key components such as X-ray generating devices, X-ray	Amended to: 5) Requirements for key components and software list: It should have a list of key components and software or a list of key information, listing the manufacturer and model of key components such as X-ray generating device, X-ray detector, motor, frequency converter, etc., as well as the software version (according to the actual situation of the product to be bid), and it should be consistent with the list of key components and software or the list of key information in the appraisal report or civil aviation permit or

			detectors, motors, inverters, etc., as well as software versions (based on the actual situation of the proposed products), and should be consistent with the list of key components and software, or key information list, in the appraisal report or civil aviation license.	manufacturer's letter of commitment.
16.	Chapter V Supply Requirements 2.3.2 Dual-channel and dual-angle X-ray security inspection equipment (3) Functional requirements	13) Interfaces: Randomly equipped network interface、serial port (RS-232), ≥4 USB ports, keyboard interface, mouse interface, parallel communication port, monitor output port, power socket, two handheld scanner interfaces.	With the development of communication technology, the industrial control machine with parallel communication port has been eliminated. The new industrial control machine is no longer equipped with backward parallel communication port, and the equipment communication requirements can meet the requirements by using network interface and serial port. Modification Suggestion: Interfaces: Randomly equipped network interface、 serial port (RS-232), ≥4 USB ports, keyboard interface, mouse interface, monitor output port, power socket, and two handheld scanner interfaces.	Amended to: 13)Interfaces: Randomly equipped network interface, serial port (RS-232) or parallel communication port, ≥4 USB interfaces, keyboard interface, mouse interface,monitor output port, power socket, two handheld scanner interfaces.
17.	Chapter V Supply Requirements 2.3.2 Dual-channel and dual-angle X-ray security inspection equipment (3) Functional requirements	58) The equipment should have the following information at appropriate locations: product model, manufacturing date, serial number, trademark, and	1.The Civil Aviation Safety Inspection Equipment Usage Permit issued after number 500 shall be accompanied by a list of key components and software, named as the Key Information List, with uniform requirements for component names of similar equipment, and it is recommended to be consistent with the name on the Civil Aviation Safety	Amended to: 58)The equipment should have the following information at appropriate locations: product model, production date, serial number, trademark and

		manufacturer; rated voltage, nominal power supply, and power rating; model and serial number of the X-ray source; X-ray tube model; model and serial number of the X-ray detector; manufacturer and model of the detection panel; manufacturer and model of the motor; manufacturer and model of the reducer; manufacturer and model of the inverter.; Warning labels should include but are not limited to ionizing radiation warnings and conveyor safety warnings, and they should be placed in prominent locations on the equipment.	Inspection Equipment Usage Permit. 2.Medium and large cargo X-ray machines will use motors and reducers. Passenger security inspection and transportation equipment both use drum motors, with the reducer and motor integrated, so passenger security inspection and transportation equipment do not involve reducers. Modification Suggestion: (57) The equipment should have the product model, production date, serial number, trademark, and manufacturer displayed in appropriate locations. It should also indicate the nominal voltage, nominal power supply, and power; the model and serial number of the X-ray source; the model and serial number of the X-ray tube; the model and serial number of the X-ray detector; the manufacturer and model of the detection panel; the manufacturer and model of the motor; the manufacturer and model of the reducer (if applicable); and the manufacturer and model of the frequency converter. Warning labels should include, but not be limited to, ionizing radiation warnings and conveyor belt safety warnings, and should be prominently	manufacturer; nominal voltage, nominal power supply and power; model and serial number of X-ray source, model of X-ray tube; model and serial number of X-ray detector; manufacturer and model of detection board; manufacturer and model of motor; manufacturer and model of reducer (if any); manufacturer and model of frequency converter. Warning descriptions should include but not be limited to ionizing radiation warning and conveyor belt safety warning, and should be marked in a prominent position on the equipment. Warning descriptions on the inner and outer surfaces of the equipment should be marked on the

		Warning labels on the inside and outside surfaces of the equipment should be located on or near the control panel or relevant components. The equipment should indicate the forklift insertion position, and when moved in the designated position, the equipment should not tilt more than 10 degrees to avoid imbalance.	displayed on the equipment. Warning labels on the internal and external surfaces of the equipment should be placed on or near the control panel or relevant components. The equipment should also indicate the insertion position for forklifts, and when transported in the specified position, the equipment should not tilt more than 10 degrees to avoid imbalance.	control panel or nearby, or on relevant parts or nearby. The equipment should be marked with the forklift insertion position. When being transported at the specified position,the equipment should not tilt more than 10 degrees to avoid imbalance.
18.	Chapter V Supply Requirements 2.3.3 Large channel double-angle X-ray security inspection equipment (3) Functional requirements	5) The list of key components and software should be provided, specifying the manufacturers and models of key components such as X-ray, X-ray controller, detector panel, motor, reducer, inverter, etc., as well as software versions (based on	1.The Civil Aviation Safety Inspection Equipment Usage Permit issued after number 500 shall be accompanied by a list of key components and software, named as the Key Information List, with uniform requirements for component names of similar equipment, and it is recommended to be consistent with the name on the Civil Aviation Safety Inspection Equipment Usage Permit. 2.Medium and large cargo X-ray machines will use motors and reducers. Passenger security inspection and transportation equipment both use drum motors, with the reducer and motor	Amended to: 5)The list of key components and software or key information should be provided, specifying the manufacturers and models of key components such as X-ray, X-ray controller, detector panel, motor, reducer, inverter, etc., as well as software versions (based on the actual situation of the proposed

		the actual situation of the proposed products), and should be consistent with the list of key components and software in the appraisal report or civil aviation license.	integrated, so passenger security inspection and transportation equipment do not involve reducers. Modification Suggestion: 5) The list of key components and software or key information should be provided, specifying the manufacturers and models of key components such as X-ray, X-ray controller, detector panel, motor, reducer, inverter, etc., as well as software versions (based on the actual situation of the proposed products), and should be consistent with the list of key components and software in the appraisal report or civil aviation license.	products), and should be consistent with the list of key components and software in the appraisal report or civil aviation license.
19.	Chapter V Supply Requirements 2.3.3 Large channel double-angle X-ray security inspection equipment (3) Functional requirements	11) "The HD camera integrated in the X-ray camera can take pictures of the luggage about to enter the X-ray machine."	There are differences in the photographing mechanisms of different types of equipment. For dual-channel security inspection machine equipment, the BHS sends an enable signal to the security inspection machine, and pictures are taken when the belt of the security inspection machine starts moving. For large-channel security inspection machine equipment, pictures are taken when the package reaches the beam surface inside the channel. Therefore, the camera of the dual-channel security inspection machine equipment is configured outside the entrance of the security inspection machine, and the camera of	Amended to: Integrating a high-definition camera on the X-ray machine can realize the function of taking pictures of luggage about to enter or already in the X-ray machine.

			the large-channel security inspection machine equipment is configured inside the channel of the security inspection machine. Both photographing mechanisms are determined according to the actual security inspection process of the equipment. They can both ensure high-definition photographing requirements and ensure a one-to-one correspondence between scanned images and appearance pictures. Modification Suggestion: Integrating a high-definition camera on the X-ray machine can realize the function of taking pictures of luggage about to enter or already in the X-ray machine.	
20.	Chapter V Supply Requirements 2.3.3 Large channel double-angle X-ray security inspection equipment (3) Functional requirements	13) Interface: Randomly equipped network interface, serial port (RS-232), ≥4 USB interface, keyboard interface, mouse interface, parallel communication port, monitor output port and power supply port, and one handheld	With the development of communication technology, the industrial control machine with parallel communication port has been eliminated. The new industrial control machine is no longer equipped with a relatively backward parallel communication port, and the equipment can meet the communication requirements by using network interface and	Amended to: Randomly equipped network interface, serial port (RS-232) or parallel communication interface, ≥4 USB interface, keyboard interface, mouse interface, parallel communication port, monitor

		scanner interface.	serial port. Modification Suggestion: 13) Interface: Randomly equipped network interface, serial port (RS-232), ≥4 USB interface, keyboard interface, mouse interface, monitor output port and power port, and one handheld scanner interface.	output port and power socket, and one handheld scanner interface.
21.	Chapter V Supply Requirements 2.3.3 Large channel double-angle X-ray security inspection equipment (3) Functional requirements	The equipment should have the following information at appropriate locations: product model, production date, serial number, trademark, and manufacturer information; rated voltage, rated power supply, and power information; model and serial number of the X-ray source, X-ray tube model; model and serial number of the X-ray detector; manufacturer and model of the detection panel; manufacturer and model of the motor; manufacturer and model of the reducer;	1.The Civil Aviation Safety Inspection Equipment Usage Permit issued after number 500 shall be accompanied by a list of key components and software, named as the Key Information List, with uniform requirements for component names of similar equipment, and it is recommended to be consistent with the name on the Civil Aviation Safety Inspection Equipment Usage Permit. 2.Medium and large cargo X-ray machines will use motors and reducers. Passenger security inspection and transportation equipment both use drum motors, with the reducer and motor integrated, so passenger security inspection and transportation equipment do not involve reducers. Modification Suggestion:	Amended to: The equipment should have the following information at appropriate locations: product model, production date, serial number, trademark, and manufacturer information; rated voltage, rated power supply, and power information; model and serial number of the X-ray source, X-ray tube model; model and serial number of the X-ray detector; manufacturer and model of the detection panel; manufacturer and model of the motor; manufacturer and model of the reducer (if applicable); manufacturer and model of the frequency converter; Warning labels should include but are not limited to

		manufacturer and model of the frequency converter; Warning labels should include but are not limited to ionizing radiation warnings and conveyor belt safety warnings, and should be placed in a prominent position on the equipment. Warning labels on the inside and outside surfaces of the equipment should be placed on or near the control panel or relevant components; the forklift insertion position should be indicated on the equipment, and when moved to the designated position, the equipment should not tilt more than 10 degrees to prevent imbalance.	The equipment should have the following information at appropriate locations: product model, production date, serial number, trademark, and manufacturer information; rated voltage, rated power supply, and power information; model and serial number of the X-ray source, X-ray tube model; model and serial number of the X-ray detector; manufacturer and model of the detection panel; manufacturer and model of the motor; manufacturer and model of the reducer (if applicable); manufacturer and model of the frequency converter; Warning labels should include but are not limited to ionizing radiation warnings and conveyor belt safety warnings, and should be placed in a prominent position on the equipment. Warning labels on the inside and outside surfaces of the equipment should be placed on or near the control panel or relevant components; the forklift insertion position should be indicated on the equipment, and when moved to the designated position, the equipment should not tilt more than 10 degrees to prevent imbalance.	ionizing radiation warnings and conveyor belt safety warnings, and should be placed in a prominent position on the equipment. Warning labels on the inside and outside surfaces of the equipment should be placed on or near the control panel or relevant components; the forklift insertion position should be indicated on the equipment, and when moved to the designated position, the equipment should not tilt more than 10 degrees to prevent imbalance.
22.	Chapter V Supply Requirements 2.3.5 Layered management system for X-ray security	Host Port: Current configuration ≥4 16Gb Fibre Channel (FC) front-end interfaces. It is required to	2.3.5 Recommended changes to read: Host port: Four 16 Gb Fibre Channel FC front-end ports are currently configured. Support for 12Gb SAS direct connection server or FC SAN or IPSAN mode.	Amended to: Host Port:Current configuration≥4 16Gb Fibre Channel (FC) front-end

	inspection equipment (9) Technical parameters and functional requirements of the system equipment 7) Disk arrays 2.3.7 CT security check equipment network management system (9) Technical parameters and functional requirements of the system equipment 7) Disk arrays	support 12Gb SAS direct connection to servers, and bidders must provide a screenshot and link from the official website.	2.3.5 Modification Suggestion: Host port: The current configuration ≥4 16Gb fiber channel FC front-end interfaces. It is required to support direct connection to the server with 12Gb SAS or FC SAN or IPSAN and other modes. 2.3.7 Modification Suggestion: Host port: The current configuration ≥4 16Gb fiber channel FC front-end interfaces. It is required to support connection with SAS or FC SAN or IPSAN.	interfaces. It should support 12Gb SAS direct connection to servers or FC SAN or IP SAN modes, screenshot and link from the official website should be provided.
23.	Chapter V Supply Requirements 2.4.1 Handheld luggage X-ray machine 2.4.1.2 Functional requirements 1. Basic requirements	5) Interface: Randomly equipped network interface, serial port (RS-232), USB interface, keyboard interface, mouse interface, parallel communication port, display output port, power port, boarding pass scanning gun interface, camera interface,	With the development of communication technology, the industrial control machine with parallel communication port has been eliminated. The new industrial control machine is no longer equipped with a relatively backward parallel communication port, and the equipment can meet the communication requirements by using network interface and serial port. Modification Suggestion: Interface: randomly equipped with network interface, serial	Amended to: Interface: Randomly equipped network interface, serial port (RS-232)or parallel communication port, USB interface, keyboard interface, mouse interface, display output port, power port, boarding pass scanning gun interface, camera interface, scanner interface and other necessary interfaces to realize the functions of the system.

		scanner interface and other necessary interfaces to realize the functions of the system.	port (RS-232), USB interface, keyboard interface, mouse interface, display output port, power port, boarding pass scanning gun interface, camera interface, scanner interface and other necessary interfaces to realize the functions of the system.	
24.	Chapter V Supply Requirements 2.4.1 Large luggage X-ray machine 2.4.1.2 Functional requirements 1. Basic requirements	5. A list of key components and software shall include the manufacturers, models and software versions of X-ray, X-ray controller, detector plate, motor, reducer, frequency converter, etc., respectively (provided according to the actual situation of the product), and shall be consistent with the list of key components and software listed in the appraisal report or civil aviation license.	1.The Civil Aviation Safety Inspection Equipment Usage Permit issued after number 500 shall be accompanied by a list of key components and software, named as the Key Information List, with uniform requirements for component names of similar equipment, and it is recommended to be consistent with the name on the Civil Aviation Safety Inspection Equipment Usage Permit. 2.Medium and large cargo X-ray machines will use motors and reducers. Passenger security inspection and transportation equipment both use drum motors, with the reducer and motor integrated, so passenger security inspection and transportation equipment do not involve reducers. Modification Suggestion: It shall have a list of key components and software or key	Amended to: The list of key components and software or key information should be provided, specifying the manufacturers and model such as X-ray generator, X-ray detector, motor, frequency converter, and the software version (according to the actual situation of the proposed product), and shall be consistent with the list of key components and software or key information list in the appraisal report or civil aviation license.

			information, listing the manufacturers and models of key components such as X-ray generator, X-ray detector, motor, frequency converter, and the software version (according to the actual situation of the proposed product), and shall be consistent with the list of key components and software or key information list in the appraisal report or civil aviation license.	
25.	Chapter V Supply Requirements 2.4.1 Large luggage X-ray machine 2.4.1.2 Functional requirements 1. Basic requirements	12) Interface: Randomly equipped network interface, serial port (RS-232), USB interface, keyboard interface, mouse interface, parallel communication port, display output port, power port, boarding pass scanning gun interface, camera interface, scanner interface and other necessary interfaces to realize the functions of the system.	With the development of communication technology, industrial computers with parallel communication ports have been eliminated. Newer industrial computers are no longer equipped with parallel communication ports with relatively backward technologies. Network interfaces, serial ports, and other methods can all meet the equipment communication requirements. Modification Suggestion: Interfaces: Randomly equipped network interface, serial port (RS-232), ≥4 USB interfaces, keyboard interface, mouse interface, monitor output port and power port, and a handheld scanner interface.	Amended to: Interfaces: Randomly equipped network interface, serial port (RS-232) or parallel interface,≥4 USB interfaces, keyboard interface, mouse interface, monitor output port and power port, and a handheld scanner interface.
26.	Chapter V Supply Requirements 2.4.1 Large luggage X-ray machine 2.4.1.2 Functional	32.The equipment should have the following information at appropriate locations: product model, production date, serial number, trademark, and	1.The Civil Aviation Safety Inspection Equipment Usage Permit issued after number 500 shall be accompanied by a list of key components and software, named as the Key Information List, with uniform requirements for component names of similar equipment, and it is recommended to be	Amended to: The equipment should have the following information at appropriate locations: product model, production date, serial number, trademark, and manufacturer

	requirements 1. Basic requirements	manufacturer information; rated voltage, rated power supply, and power information; model and serial number of the X-ray source, X-ray tube model; model and serial number of the X-ray detector; manufacturer and model of the detection panel; manufacturer and model of the motor; manufacturer and model of the reducer; manufacturer and model of the frequency converter; Warning labels should include but are not limited to ionizing radiation warnings and conveyor belt safety warnings, and should be placed in a prominent position on the equipment. Warning labels on the inside and outside surfaces of the equipment should be placed	consistent with the name on the Civil Aviation Safety Inspection Equipment Usage Permit. 2.Medium and large cargo X-ray machines will use motors and reducers. Passenger security inspection and transportation equipment both use drum motors, with the reducer and motor integrated, so passenger security inspection and transportation equipment do not involve reducers. Modification Suggestion: The equipment should have the following information at appropriate locations: product model, production date, serial number, trademark, and manufacturer information; rated voltage, rated power supply, and power information; model and serial number of the X-ray source, X-ray tube model; model and serial number of the X-ray detector; manufacturer and model of the detection panel; manufacturer and model of the motor; manufacturer and model of the reducer (if applicable); manufacturer and model of the frequency converter; Warning labels should include but are not limited to ionizing radiation warnings and conveyor belt safety warnings, and should be placed in a prominent position on the equipment. Warning labels on the inside and outside surfaces of the equipment should be placed on or near the control panel or relevant components; the forklift insertion position should be indicated on the equipment, and	information; rated voltage, rated power supply, and power information; model and serial number of the X-ray source, X-ray tube model; model and serial number of the X-ray detector; manufacturer and model of the detection panel; manufacturer and model of the motor; manufacturer and model of the reducer (if applicable); manufacturer and model of the frequency converter; Warning labels should include but are not limited to ionizing radiation warnings and conveyor belt safety warnings, and should be placed in a prominent position on the equipment. Warning labels on the inside and outside surfaces of the equipment should be placed on or near the control panel or relevant components; the forklift insertion position should be indicated on the equipment, and when moved to the designated position, the equipment should not tilt more than 10 degrees to prevent imbalance.

		on or near the control panel or relevant components; the forklift insertion position should be indicated on the equipment, and when moved to the designated position, the equipment should not tilt more than 10 degrees to prevent imbalance.	when moved to the designated position, the equipment should not tilt more than 10 degrees to prevent imbalance.	
27.	Chapter V Supply Requirements 2.3.2 Dual-channel and dual-angle X-ray security inspection equipment (3) Functional requirements	42)Single-machine image storage: automatic continuous storage and selective storage, to store the original pictures with more than 100,000 pieces of luggage, regardless of automatic storage or selected storage, the early storage image is automatically overwritten when the storage is full. When using selected	Baggage check-in line channel number (coordinate with baggage system), baggage identification number (IATA 10 baggage identification code), passenger flight number (and leave the port system interface), passenger boarding number (and port system interface) information is provided through Layered management system for X-ray security inspection equipment, is not provided to security machine, security machine alone cannot realize the function, can be in shipping baggage X-ray security equipment layered management system level to achieve relevant information storage. Modification Suggestion:	The Bidder shall comply with the requirement of the Bidding Documents.

		storage, automatically cover the set storage capacity or image time / quantity, the stored images shall at least have the following identification: security equipment ID (ID number), operator ID (ID number or login number), image generation time (year-month-day-hour-minut e-second), baggage check-in line channel number (coordinated with the baggage system), baggage identification number (IATA 10 baggage identification code), passenger flight number (provided after	Single-machine image storage: automatic continuous storage and selection storage, to store the original pictures of more than 100,000 pieces of luggage, regardless of automatic storage or selected storage, the early storage images are automatically overwritten when the storage is full. When using the selection storage, Automatically overlay earlier stored images according to the set storage capacity or image time / quantity, The stored image should have at least the following identification: security inspection equipment ID (ID number), operator ID (ID number or login number), image generation time (year-month-day-hours-minutes-seconds); The layered management system of the baggage X-ray security check equipment stores the baggage check-in line channel number (coordinated with the baggage system), the baggage identification number (IATA10 baggage identification number), the passenger flight number (provided after the interface with the departure system), and the passenger boarding number (provided after the interface with the departure system).	

		interface with the departure system), passenger boarding number (provided after interface with the departure system).		
28.	Chapter V Supply Requirements 2.3.3 Large channel double-angle X-ray security inspection equipment (3) Functional requirements	43) Single-alone image storage: the security check equipment is connected to the security layered management system. When the baggage image is stored in the local machine, it should also be stored in the main server of the security layered management system in real time. Take automatic continuous storage and select storage two ways. The number of single-machine	Baggage check-in line channel number (coordinate with the baggage system), baggage identification number (IATA 10 baggage identification code), passenger flight number (provided after the port system interface), passenger boarding number (with the port system interface) information provided by shipping baggage X-ray security equipment multi-layered management system level, is not provided to security machine, security machine cannot realize the function, can in shipping baggage X-ray security equipment layered management system level related information storage. Modification Suggestion: Single image storage: automatic continuous storage and selected storage, store the original pictures of more than	The Bidder shall comply with the requirement of the Bidding Documents.

		image storage is more than 100,000 pieces of luggage, regardless of automatic storage or selected storage, when the storage is full, automatically overwrite the early storage images. Storage images should at least have the following signs:: security equipment ID (ID), operator ID (identity number or login number), image generation time (year-month-day-hour-minutes-seconds), baggage identification number (IATA 10 baggage identification code), passenger flight number (with the port system	100,000 pieces of luggage, whether automatic storage or selected storage, the early storage images are automatically overwritten when the storage is full. When using the selection storage, Automatically overlay earlier stored images according to the set storage capacity or image time / quantity, The stored image should have at least the following identification: security inspection equipment ID (ID number), operator ID (identity number or login number), image generation time (year-month-day-hour one minute-second); The layered management system of the baggage X-ray security check equipment stores the baggage check-in line channel number (coordinated with the baggage system), the baggage identification number (IATA10 baggage identification number), the passenger flight number (provided after the interface with the departure system), and the passenger boarding number (provided after the interface with the departure system).	

		interface provided), passenger boarding number (with the port system interface).		
29.	Chapter V Supply Requirements 2.3.5 Layered management system for X-ray security inspection equipment (9) Technical parameters and functional requirements of the system equipment 5) The database image storage server	RAID card: configure≥2GB cache, support RAID 0,1,5,6,10,50,60, power protection; optional 4Gb RAID card, RAID card should be checked in VMware official VSAN compatibility list and provide screenshots.	In the latest VMware, the certification list is no longer VSAN authentication for new RAID cards, generally the RAID card in the compatibility list is previously certified, the previous RAID card compatibility list authentication is certified in the old technical background of VMware, for the new server configuration RAID card can not get VMware authentication. Mware It belongs to American enterprises, in the current global trade and technology environment, will impose sanctions or restrictions on China's technology products, domestic products are subject to such sanctions, cannot establish global partner alliance members with VMware and other global enterprises. At present, the domestic disk array products in the market still maintain a high domestic and foreign market share. At the same time, many domestic brands have good compatibility and enhanced feature support in VMware-based virtualization	The Bidder shall comply with the requirement of the Bidding Documents..

			applications, and perform well in the stability, ease of use and service support of Mware virtualization applications. This requirement limits the selection of domestic disk array type shortlisted. Modification Suggestion: RAID card: with ≥2GB cache, support RAID 0,1,5,6,10,50,60, power protection; optional 4Gb RAID card.	
30.	Chapter V Supply Requirements 2.3.6 CT security inspection equipment (1) General requirements	It is required to realize the opening process of marking in the passenger inspection information, and the quality control link can confirm the opening of bags containing contraband, so as to realize one-click query. To effectively control the missed detection and analyze the missed data, so as to	This content involves passenger information, and only the security information system package opening workstation can realize this function. The security check information system package opening workstation is not within the scope of this bidding. It is recommended to remove this requirement.	The Bidder shall comply with the requirement of the Bidding Documents.

		meet the requirements of accurate statistical analysis of image recall.		
31.	Chapter V Supply Requirements 2.3.7 CT security check equipment network management system (9) Technical parameters and functional requirements of the system equipment 2) Operator workstation	Security check images are uniformly distributed by the computer server for manual interpretation by the operator. The image is displayed in color on the screen, and the operator can issue suspicious, open bag check, stop operation and image processing instructions through the mouse or keyboard, or send them to the administrator workstation for transfer. The system sends the results of the processed images to the	The design process of this time is all automated and has strict logic. After the luggage passes the inspection, it will stop at the exit position and wait for the image judgment conclusion. There is no need to stop the equipment to intercept the package. If the equipment is stopped, it may affect the main belt diversion and then cause package congestion due to the main belt diversion. Moreover, in the centralized image judgment mode, the images presented at the image judgment station cannot completely correspond to the actual luggage images passing through the equipment. Stopping the operation of the CT equipment cannot achieve the purpose of intercepting the specified package. At the same time, when the remote end does not know the on-site operation status, randomly stopping the operation of the CT equipment will have unknown impacts on the on-site business, thus leading to potential safety hazards. Modification Suggestion:	The Bidder shall comply with the requirement of the Bidding Documents.

		computer server for storage.	The security inspection images are uniformly distributed by the computer server for manual interpretation by operators. The images are displayed in color on the screen. Operators can issue instructions such as suspicious, open for inspection, and image processing through the mouse or keyboard, or transfer them to the administrator workstation. The system sends the results of the processed images to the computer server for storage.	
32.	Chapter V Supply Requirements 2.3.7 CT security check equipment network management system (9) Technical parameters and functional requirements of the system equipment 2) Operator workstation	RAID card: configure≥2GB cache, support RAID 0,1,5,6,10,50,60, power protection; optional 4Gb RAID card, RAID card should be checked in VMware official VSAN compatibility list and provide screenshots.	In the latest VMware certification list no longer VSAN authentication of new product RAID card authentication, generally in the compatibility list in the RAID card is the previous authentication, the previous RAID card compatibility list authentication is in the old technical background of VMware authentication, for the new server configuration RAID card can not obtain VMware authentication. VMware It belongs to American enterprises, in the current global trade and technology environment, will impose sanctions or restrictions on China's technology products, domestic products are subject to such sanctions, cannot establish global partner alliance members with VMware and other global enterprises. At present, the domestic disk array products in the market still maintain a high domestic and	The Bidder shall comply with the requirement of the Bidding Documents.

			foreign market share. At the same time, many domestic brands have good compatibility and enhanced feature support in VMware-based virtualization applications, and perform well in the stability, ease of use and service support of VMware virtualization applications. This requirement limits the selection of domestic disk array type shortlisted. Modification Suggestion: RAID card: configure 2GB cache, support RAID 0,1,5,6,10,50,60, power-off protection; optional 4Gb RAID card.	
33.	Chapter III Pre-attached table of bid Evaluation Measures 2.2.2 experience of the bidding equipment	See the bidding documents for details	What is the purpose of your company setting this unreasonable clause? What is the basis? Have you conducted sufficient market research or a fair and just review? Please explain and clarify the setting conditions of this item. At the same time, under the background that most civil aviation security inspection equipment adopts the lowest evaluated bid price method, please clarify why in this project, Party A wants high-priced bidders to have an advantage or win the bid. Is there any hidden situation of interest transfer?	The security inspection equipment procured for this project is used to ensure the safe and stable operation of civil aviation airports. The bid price is just one of the evaluation factors in the bid evaluation method (comprehensive evaluation method) for bidders to participate in the competition, and it is not the sole determining factor for awarding the contract.

				Evaluation method used in other projects is irrelated to this project. The calculation method of the evaluation base price of this project does not violate the provisions of relevant laws and regulations and the Bidder shall comply with the requirement of the Bidding Documents. If the bidder believes that there is interest tunneling in this project, please provide solid evidence.
34.	Bidding announcement 3.4 Chapter II Pre-attached table of instruction to bidder 1.4.1 clause 4	The bidder shall provide at least one civil aviation airport security inspection system equipment contract with a single contract amount of 20 million RMB (or equivalent foreign currency) or more in the recent five years (from January 1, 2019 to the present, subject to the contract signing time). The	This content requirement is unreasonable and seriously damages, excludes and restricts the legitimate right of potential bidders to participate in the bidding market competition. In this qualification requirement, there must be a experience contract for civil aviation airports. Security inspection equipment is applied in various major transportation fields. It is suspected that the experience of a specific industry is used to exclude and restrict bidders from participating in the bidding. We hope your company will carefully consider the setting of this qualification condition and at least ensure that three brands can participate in the bidding for this project to establish a reasonable and healthy bidding market competition	This experience qualification requirement is in line with the specific characteristics and actual needs of this bidding project and complies with the provisions of bidding laws and regulations and the procurement policies of the New Development Bank. This project is the procurement of civil aviation professional equipment. All such equipment must have a valid "Permit for the

		contract should at least include two of the five types of equipment to be bid as mentioned in Clause 3.3, and the brand should be the same as the brand of the equipment to be bid this time. (Note: The experience certification materials provided by the bidder can meet the requirements for experience in the bidding documents. The seller in the experience contract can be the equipment manufacturer or any of its agents).	environment.	Use of Civil Aviation Security Inspection Equipment" issued by the Civil Aviation Administration of China. Civil aviation professional equipment is inherently special in technology and is different from non-civil aviation security inspection equipment. The Purchaser sets that the civil aviation professional equipment to be bid by the bidder has the supply experience in civil aviation airports, which is in line with the characteristics of this project. There is no situation of setting experience in a specific industry to exclude or restrict bidders from participating in the bidding. This project accepts manufacturers or their authorized agents to participate in the bidding. When the Purchaser sets this qualification condition, on the premise of considering competitiveness, the threshold standard has been fully

				lowered. However, the strength of the bidder is still an important content to be assessed in this bidding.
35.	Chapter III Pre-attached table of bid Evaluation Measures 2.2.4 (1) experience of the bidding equipment	See the bidding documents for details	1.In the experience scoring of the bidding equipment this time, it is required that each equipment must have a single contract for civil aviation airports. Security inspection equipment is applied in various major transportation fields. It is suspected of excluding and restricting bidders from participating in the bidding with experience in a specific industry. 2.According to our company's understanding, at present, only the products of a certain company can meet the above unreasonable experience scoring settings. Your company applies the conditions of a specific producer and supplier to set the business conditions for bidders. The rules for bid evaluation and bid awarding are inclined towards large state-owned enterprises, which is not in line with relevant laws and regulations. And based on the information announced in the first bidding, our company believes that the setting of experience scoring for this project is a control clause specially set for a certain company. 3.In the first bidding of this project, bidders questioned this unreasonable clause and there was an obvious tendency. In the second bidding release, there is still no change. Is your company's tendency to control the bidding too blatant?	1.This project is the procurement of civil aviation professional equipment. All such equipment must have a valid "Permit for the Use of Civil Aviation Security Inspection Equipment" issued by the Civil Aviation Administration of China. Civil aviation professional equipment is inherently special in technology and is different from non-civil aviation security inspection equipment. The Purchaser sets that the civil aviation professional equipment to be bid by the bidder has the supply experience in civil aviation airports, which is in line with the characteristics of this project. There is no situation of setting experience in a specific industry to exclude or restrict bidders from participating in

			4.According to civil aviation requirements, equipment with permits are all qualified products. Setting so many experience requirements can only serve as a threshold to prevent potential bidders with supply capabilities from participating in this project, and it cannot prove whether the bidder has implementation capabilities or whether the equipment is qualified. What other significance is there besides the role of controlling the bidding? 5.This project is a goods procurement project and is different from engineering construction projects (construction involves engineering qualification levels and engineering complexity, etc.). The measurement standard for experience using the number of contract equipment is very unreasonable. Because for manufacturers, the production standards are unified. It is only necessary to increase the production volume of equipment, and there is no impact on the quality of equipment. Therefore, for the experience review standard that requires a certain sales volume to earn points, our company believes that there is a serious orientation and tendency, which is not in line with relevant laws and regulations.	the bidding. 2.This experience scoring standard is set according to the specific characteristics and actual needs of this bidding project and complies with the provisions of relevant laws and regulations and the procurement policies of the New Development Bank. It is not an unreasonable setting of experience scoring standards. If your company believes that the setting of experience scoring for this project is a control clause specially set for a certain company, please provide evidence.
36.	Chapter III Evaluation Method (Comprehensive Evaluation Method) Clause No. 2.2.4(1)	The bidder provides valid certification certificates for quality management system, environmental management system, and occupational	As an agent, we participate in the bidding of this project. Generally, the "quality management system, environmental management system, and occupational health and safety management system" are all used to inspect and evaluate the enterprise capabilities of the bidding equipment manufacturer.	The certification certificates for quality management system, environmental management system, and occupational health and safety

	Business scoring criteria Enterprise management system certification.	health and safety management system. If all are provided, 1 point will be awarded. If there are missing items or none are provided, 0 points will be awarded.	To ensure that agents can participate in the bidding fairly and fully introduce competition, it is recommended that the above requirements be adjusted to: provide valid certification certificates for quality management system, environmental management system, and occupational health and safety management system of the bidder or manufacturer. If all are provided, 1 point will be awarded. If there are missing items or none are provided, 0 points will be awarded.	management system are not limited to being applied for only by manufacturers. The Bidder shall comply with the requirement of the Bidding Documents.
The Deadline for Acquisition of Bidding Documents and submission of bids (Time for Bid Opening) is amended to: 9:30am Oct,13,2024 (Beijing time).				