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SUPPLEMENTAL/BID BULLETIN NO. 2

PROCUREMENT OF TWELVE (12) UNITS OF BODY SCANNER MACHINES

TO : All Prospective Bidders
: Members, HO-BAC-PGCS
: Others Concerned

Relative to the Bid Documents issued by the BAC-PGCS for the Procurement of Twelve (12) Units of Body Scanner Machines (BAC-PGCS-31-2017), please be informed of the following amendments to the Terms of Reference, to wit:

TERMS OF REFERENCE

xxx xxx xxx

II. GENERAL REQUIREMENTS

- 1. Mobility.** The equipment shall operate without compromising people's throughput. It shall be small enough to allow mobility and transport to other areas with the use of a trolley, on which the laptop shall also be placed.
- 2. Virtual detection.** The equipment shall be capable of screening individuals with full height view, either by standing/turning in front of the unit, or by walk-through.

The equipment must be able to detect virtually any material, and can segregate threat items or contrabands hidden upon a person under layers of clothing. Particularly, the x-ray must be able to detect metals, plastics, ceramics, liquids, gels, and powders.

- 3. Mass Screening.** The equipment must be able to screen at least five (5) persons simultaneously.
- 4. Power Source.** In the event of a power failure, the body scanner must be able to work using reserved battery power.
- 5. Safety and Privacy.** Body screening must be non-invasive. It should not capture or record intimate body details. The machine shall not capture anatomical details of persons. The images captured shall only show silhouettes of the detected items.

The amount of radiation that the x-ray equipment emits, if any, must be safe for human exposure. It must not have harmful effects to the individuals surrounding the equipment.

VISION

By 2020, PPA shall have provided globally competitive port services in the Philippines characterized by increased productivity, efficiency, connectivity, comfort, safety, security and environmental sustainability.

MISSION

Provide reliable and responsive services in ports, sustain development of communities and the environment, and be a model corporate agency of the government

6. **Other Nuisance.** The equipment shall be able to work despite any other alarms/nuisance within the area of deployment.
7. **Cloud Storage.** The system must allow storage of data in the cloud.
8. **Operator-Assistance.** The system must have an operator-assist function to highlight potential objects of interest.
9. **Mounting Options.** The units shall be capable of mounting to the floor (static) or any ceiling or wall, and shall have the option for vertical/horizontal or upside-down camera mounting.
10. **Live Streaming Capability.** The system must allow livestreaming from the deployed unit to a central command center or an authorized mobile device using LAN/ADSL, Wi-Fi, or 3G/4G network. Livestreaming must be achievable at bandwidths below 15 kbps.

III. TECHNICAL SPECIFICATIONS

BODY SCANNER MACHINE			
Physical Size	Not to exceed 850mm (height) and 600mm (width)		
Weight	Not to exceed 35 kilograms		
Operating Temperature	0°C to 50°C		
Relative Humidity	95% non-condensing		
Power Consumption	75W to 100W		
Input Voltage	Within 90V to 264V AC, 47/63 Hz		
Field of View (Minimum at 4.5m)	750mm x 1200mm		
Imaging Options	MMw Imaging: User selectable with color options		
Imaging Distance	3 to 8 meters		
Minimum Imaging Size	5cm x 5cm		
Detector Frequency	Millimeter	Wave	Minimum at 150 GHz
Distance for full imaging of an individual	Full height at 5 meters from the unit or closer		
SOFTWARE			
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Software should allow direct control of camera for fast capture of images			
Camera exposure setting should be controlled via the software interface			
Software should allow download of captured images.			
System must have a software that prevents tampering events.			

INTEGRATION		
xxx	xxx	xxx
xxx	xxx	xxx
ACCESSORIES/INCLUSIONS		
Mobile trolley		
Laptop		
Battery/UPS for body scanner and mobile trolley		
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MOBILE OPERATOR STAND	
Dimensions	
Height	Not to exceed 1000 mm
Width	Not to exceed 700 mm
Weight	Maximum of 35 kilograms
Power Consumption	Less than 175W
External Consumption	Main AC (power); Ethernet
Operational Environment	Indoors, dry, air-conditioned
Delete "Operating Voltage"	
Delete "Operating Temperature Range"	
Delete "Depth"	

IV. ADDITIONAL SUPPLIER'S QUALIFICATIONS

xxx xxx xxx

2. The Supplier shall have a certification by an accredited international organization concerning the radiation safety of the equipment
3. The units shall have been manufactured in the year 2017 onwards. A certification by the manufacturer to this effect shall be presented.
4. The equipment must have a Transportation Security Administration (TSA) or Conformité Européenne (CE) certification/accreditation/approval.

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VI. SCHEDULE OF DELIVERY

xxx xxx xxx

DELIVERY & INSTALLATION	TIMELINE
PMO Bicol (Matnog)	Within 60-120 days from Notice to Proceed
PMO Panay/Guimaras	Within 60-120 days from Notice to Proceed
PMO Misamis Oriental/Cagayan de Oro	Within 60-120 days from Notice to Proceed
PMO Misamis Occidental/Ozamis	Within 60-120 days from Notice to Proceed
PMO Zamboanga	Within 60-120 days from Notice to Proceed
PMO Zamboanga del Norte	Within 60-120 days from Notice to Proceed

VII. OTHER TERMS AND CONDITIONS

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xxx xxx xxx

xxx xxx xxx

- 7. Pre-delivery Inspection.** A pre-delivery inspection in the place of manufacture, including the manufacturing line of the machines shall be done by the PPA, through its representatives it has chosen for the purpose. All travel and accommodation expenses for such inspection shall be for the account of the Supplier.

Please be informed further of the following schedule:

SUBMISSION OF BIDS

07 February 2018

1:00 p.m.

OPENING OF BIDS

07 February 2018

2:00 p.m.

Issued this 23rd day of January 2018

THE BIDS AND AWARDS COMMITTEE:

By



ADRIAN FERDINAND S. SUGAY
Chairperson, HO-BAC-PGCS