

**TECHNICAL SPECIFICATIONS FOR PROCUREMENT OF {X-RAY UNIT (PORTABLE X-RAY GENERATOR)},
QTY-02 EACH IN FY 2026-2027**

Ser No	Description	Required Technical Specifications	
<u>Imaging Panel</u>			
1.	Preferable Brand	To be mentioned	
2.	Preferable Model	To be mentioned	
3.	Country of origin and manufacturer	USA/UK/EU/ASIAN Countries	
4.	Detector Type	To be mentioned	
5.	Imaging Area	Minimum 430 mm X 350 mm	
6.	Resolution	Not more than 140 µm	
7.	Pixel depth	16 bits	
8.	Weight	Not more than 5.7 Kg	
9.	Operating Temperature	-10°C ~ +50°C	
10.	Communication	Wired, Ethernet & Wireless	
<u>X-ray Generator</u>			
11.	Preferable Model	To be mentioned	
12.	Dimension	To be mentioned	
13.	Weight	To be mentioned	
14.	Battery	Rechargeable Lithium battery.	
15.	Penetration	More than 1.5 inches or minimum 38 mm steel	
<u>Imaging Station (PC)</u>			
16.	Type	Laptop	
17.	Processor	Core i7, 13 th /14 th Gen, 3.5 GHz or above	
18.	Display	Minimum 14" Full HD LED Touch Screen 360° rotation	
19.	Memory	Minimum 16 GB RAM	
20.	Hard Disk	Minimum 512 GB SSD	
21.	Operating system	English MS Windows 10 or above	
22.	Accessories:	The following accessories are to be supplied along with the item.	
		a. Two replaceable batteries with battery charger and international power cords for X-Ray generator.	
		b. 2 x 250 m extension cable reel	
		c. Shoulder strap D-2 of 14	
		d. Tactical backpack	
		e. Tripod	
23.	Additional Accessories:	f. Carrying case	
		List of accessories to further enhance capabilities of the equipment is to be mentioned with detailed tech specification and use.	
24.	Web Page	Manufacturer's/supplier's web page address/URL to be mentioned. The details of offered equipment to be available on manufacturer/supplier web page.	

TECHNICAL TERMS AND CONDITIONS FOR PROC OF {X-RAY UNIT (PORTABLE X-RAY GENERATOR)}, QTY-02 EA IN FY 2026-2027

The bidder is to mention "Comply/Not Comply/Appropriate Remarks against each terms & condition mentioned below. Otherwise the quotation will not be accepted.		
Ser No	Description	To be Filled up by the Bidder
1.	<u>Eligibility Clause.</u> The bidder must be the manufacturer or authorized agent of manufacturer to sell the item. A certificate in this regard is to be submitted along with the offer.	
2.	<u>Booklet/Brochure.</u> Technical booklet/brochure/log book having technical specification of the items is to be submitted along with the offer.	
3.	<u>Certificates and Documents.</u> All certificates and documents submitted along with offer and item must be written in English language and recently signed by the authorized executives of the firm. The certificates or documents must bear a minimum validity till the delivery of contracted items to BAF.	
4.	<u>Manual.</u> Operational and Maintenance Manual of each item is also to be submitted along with the item.	
5.	<u>ISO Certification.</u> The bidder is to mention in the offer whether the manufacturer is ISO certified or not and provide ISO certificate along with the offer.	
6.	<u>Name of Manufacturer and Country of Origin.</u> The bidder is to mention the name of manufacturer and country of origin of the individual item during the submission of offer. Items are to be supplied and shipped from OEM country.	
7.	<u>OEM, All Weather and Quality Certificate.</u> The bidder/manufacturer is to provide all weather and quality certificate along with the items. The bidder/manufacturer is to provide Original Equipment Manufacturers (OEM) certificate mentioning the date (Day, month & year) of manufacture along with the supplied items.	
8.	<u>Condition of Items.</u> All the items must be brand new, unused, fault free and manufactured after the date of signing of the contract. All types of marks/indications/ instruction must be written in English language on the item's body and on the packet/case.	
9.	<u>Full Range Items/Accessories for Operation.</u> The item must be supplied with all required accessories to bring the item into full range operation. The bidder is to submit the list of Standard Kit/accessories which will be supplied with the item as a package along with the offer. The bidder is also to submit the list of optional items (if any) along with the offer. In that case, the bidder is to quote separate price against each item for both package and optional items.	
10.	<u>Warranty/Guarantee Period</u> a. Warranty/guarantee certificate for at least 12 months (01 year) is to be given by the bidder/manufacturer from the satisfactory acceptance of the items by BAF. In this regard, a certificate is to be submitted along with the offer and with the items. b. If any item is found unserviceable/unsuitable/damaged/defective during acceptance or after receipt or within the warranty/guarantee period, the supplier is to replace the same at his own cost & charges within 60 days from the date of such reporting. c. The period of warranty will stop from the date of reporting discrepancy. The period of warranty will resume after receipt of serviceable/replaced/appropriate item to make the total warranty period of 12 months (01 year).	



Ser No	Description	To be Filled up by the Bidder
11.	<u>Pre- Shipment Inspection (PSI).</u> a. Pre-Shipment Inspection (PSI) will be carried out at the manufacturer's designated site by a team of 02 x BAF Armament specialists {(01 x Engineering officer (Armament Specialist) and 01 x Technician from Armament fitter)} for a period of 03 working days excluding journey period. The cost (international air tickets, food & accommodation) of Pre-shipment inspection will be borne by BAF. The bidder should inform about the date of PSI schedule at least 08 (eight) weeks prior to the date of commencement of the said inspection. After PSI a certificate will be prepared and signed by both the manufacturer/bidder and member of PSI team. However, the bidder is to provide all types of administrative support for the team during PSI. b. All types of movement/transportation (air/sea/road/rail) of team within the manufacturer's/bidder's country, reception and arrangement for entry into the country/concerned area for the PSI team are also to be provided by the bidder without any extra cost. c. The inspection may be carried out in presence of PSI team following under mentioned procedures: (1) Visual inspection and dimensional checkup. (2) Documentation checks (Suitability certificate, Quality certificate, OEM certificate etc). (3) Functional Check of the item. (4) Assemble and disassemble of the item. d. After satisfactory inspection, the final shipment will be packed from the same lot in presence of the PSI team.	
12.	<u>Post-shipment Inspection/Final Acceptance.</u> The quality inspection for the acceptance of the item will be carried out at 201 MU, BAF. The functional test will be carried out at Armt Sqn, BAF Base Bir Uttam A K Khandker, Dhaka in presence of representative of supplier's specialist/local agent and BAF. The following will be checked during acceptance: a. Appearance & quality check of the items as per technical specification and contract. b. Documentation check (OEM certificate, Log Book, Quality Certificate, suitability certificate etc.) as per contract. c. Performance/suitability check/operations of the item by power on check. d. Full range operation of item with all accessories. e. Software/programming check (if any).	
13.	<u>Transportation After Shipment.</u> The bidder shall be responsible for transportation of the item from Chattogram sea port/designated Airport to the consignee (201 MU BAF, Dhaka Cantonment, Dhaka). All charges including port custom terminal handling (if any) up to items handed over to 201 MU BAF are to be borne by the bidder. BAF will provide administrative support during internal transportation in Bangladesh.	
14.	<u>Transportation by BAF Aircraft.</u> The bidder is to keep the provision for transportation of the item by BAF Aircraft. In that case freight charge will not be paid. Bidder is to mention the name of the airport (in case transportation by BAF aircraft) in the offer.	
15.	<u>Local Training.</u> The bidder is to provide local training on operation and maintenance of the supplied item for 05 (five) working days at BAF Base Bir Uttam A K Khandker, Dhaka cantonment, Dhaka by supplier's specialist at their own expenses. The detailed training programme is to be submitted by the supplier mentioning syllabus at least 45 days prior to start of the training and provide certificate to trainees.	

RESTRICTED

Ser No	Description	To be Filled up by the Bidder
16.	Cancellation of Purchase Order. BAF reserves the right to reject or cancel the purchase order at any stages without assigning any reason.	
17.	Delivery Schedule. Delivery of the item is to be completed within 210 days/07 Months from the date of signing the contract. Part shipment of the items will not be accepted.	
18.	Packing. All the items must be supplied in standard Air/Sea worthy packing.	
19.	Lowest bidder selection. The bidder is to submit Financial Offer (price Quotation) separately. Partial offer will not be accepted. The lowest bidder will be selected considering the offered price of the following: a. Cost of the items (FOB) b. Freight charge (Sea/Air).	
20.	Picture of the item/parts of item. The supplier is to give the distinct photo of the item indicating each parts clearly.	
21.	Change of Quantity or Number of Items. BAF has the right to decrease the line of items as well as the quantity of items at any stage before signing of the contract. In that case, cost of the item is to be adjusted proportionately.	
22.	Compliance/Not Compliance. The bidder is to mention exact parameter with comply/not comply/partially comply/appropriate remarks against each clause/ser no of the Tech Specification and Terms & Conditions as per the sequence of tender.	

MISC TERMS & CONDITIONS

Ser No	Description	To be Filled up by the Bidder
23	The bidder must mention the full address including Telephone number, Fax number and e-mail address in the offer. The bidder also mentions the name and full address (including Telephone number, Fax number and e-mail address) of the local agent (if any) in the offer.	
24	Item with changed/ dissimilar part no/ description (if any) is to be mentioned during submission of offer.	
25	If any change is required in contract/ LC due to fault of supplier, all expenses shall have to be borne by the supplier.	
26	Normally transshipment is not allowed. However, if the bidder needs transshipment they are to mention in the offer about their requirement. In case of such requirement, the transshipment may only be allowed under single AWB/ BL.	
27	The bidder is to mention the country of origin, country of manufacture and port of shipment of the items in the offer.	



RESTRICTED

Ser No	Description	To be Filled up by the Bidder
28	No increase of price at any stage after submission of offer will be accepted by BAF.	
29	The bidder is to quote FCA/ FOB cost and freight charges (by both air and sea) separately & clearly in financial offer. Any price/ cost quoted in the pages of quotation other than financial offer will not be considered.	
30	For failure to supply the contracted goods in time, DGDP/ BAF may cancel the contract with necessary punitive action.	
31	Offer must remain valid till 30 June 2027 from the date of opening the tender. Within the validity of the offer, withdrawal of offer or unwillingness to sign the contract by the bidder will not be accepted and in such cases action would be taken against the principal supplier and local agent as per DGDP rules.	
32	Delivery schedule mentioned in the tender specifications may be changed by DGDP/ BAF due to delay in concluding the contract. In this case, the contract would be signed within offer validity period. DGDP/ BAF also reserves the right to get the offer validity extended with the consent of the supplier.	
33	Part shipment and part payment: Not allowed.	
34	Payment Terms. 100% Payment in foreign currency (FC) will be made through an irrevocable Letter of Credit (LC) opened with scheduled bank in Bangladesh and negotiating bank recommended by the supplier under following terms and conditions: a. 80% of CFR/ CPT value will be released on production of shipping documents to the bank. b. 20% of CFR/ CPT value will be released on satisfactory acceptance of 100% items by BAF after inspection/ functional test (as applicable), on production of Certificate Receipt Voucher (CRV) and written clearance from DGDP.	
35.	AWB/BL must be in the name of consignee.	
36.	Bidders are requested to submit soft copy of Financial Offer in a CD according to the given proforma along with the hard copy of Financial Offer in closed envelop.	
37.	Compliance of tender terms and conditions should be mentioned in the quotations by the bidders as per the above sequence.	
38.	Any other terms and conditions not covered here will be as per DGDP rules and regulations.	

