

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

TECH SPECS

Ser No	Description	Required Technical Specifications
Imaging Panel		
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 μ m
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
X-ray Generator		
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
Imaging Station (PC)		
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. Tactical backpack
		e. Tripod
		f. Carrying case
23.	Additional Accessories:	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.