

Scandicci 27/03/2026

To whom it may concern,

For Attention of the Tender Committee

no. *ocds-b3wdp1-MD-1771420352930 / 21568838* – Procurement of Digital Radiographic Systems for IMSP needs for the year 2026

**Periodic Maintenance of Stationary X-ray System X-FRAME DR EZ, Italray SRL, Italy
 Maintenance Plan**

Periodic maintenance services, according to the manufacturer’s recommendations, includes:

Description	Quarterly Services	Semi-annual Services
1. Performing visual inspection to detect mechanical defects	Yes	
2. Inspection and adjustment of electromechanical units: - electromagnetic brakes, drive devices - centering device	Yes	
3. Inspection and adjustment of high-voltage equipment: - high-voltage cable and control device - generator and X-ray tube	Yes	
4. Verification of safety devices quality in terms of compliance with required nominal characteristics	Yes	
5. Verification of parameters (according to Passport requirements), including: - verification of system operation under different exposure conditions - verification of working field parameters - verification of exposure dose - verification under power supply voltage variations - verification of electrical parameters quality in operating modes	Yes	
Verification of technical condition of the server and workstation: - hard disk surface check - disk defragmentation - full computer diagnostics - monitoring network devices status - database functionality check - software functionality check - preventive maintenance of CD/CD-RW units - preventive maintenance of manipulators	Yes Yes Yes Yes Yes Yes	Yes Yes

- preventive maintenance of system units	Yes	
- preventive maintenance of electronic unit	Yes	
7. Replacement of lubricant in mechanisms		Yes
8 Replacement of mechanisms operating under friction conditions	Yes	
9. Verification and adjustment of the X-ray optical channel centering	Yes	
10. Verification of small focus and large focus	Yes	
11. Xray source calibration	Once per year	
12. Detector calibration	Once per year	

In faith,

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