

a) The point 2.4 from the Table “Form 2 **TECHNICAL COMPLIANCE WITH SPECIFICATION FOR MOBILE C-ARM**” in the Clause no. 22 “Evaluation and comparison of proposals” (page 8, of the RFP document, Annex I) is hereby amended to now read as follows:

2.4 Flat Detector / image intensifier

b) The Points 2.1; 2.1.2; 2.1.4; 2.1.6; 2.1.7; 2.1.8; 2.11 in Annex III “**Term of Reference**” of the RfP document (pages 14, 15, 16, 17) is hereby amended to now read as follows:

2.1 Mobile C-arm System

Description of technical requirements for a brand new mobile C-arm system to be installed in a hospital in Chisinau, Moldova for spinal surgery with 3D capability

The proposed mobile C-arm system must include:

Mobile C-arm with motor driven orbital movement and capability to perform 3D reconstructions

High frequency generator

Monoblock

Digital flat panel / image intensifier

2 High res flat screen monitors

2 operating consoles with touch screen display

Digital imaging system

DICOM connectivity

Accessories

2.1.2 Mobile C-arm

The mobile C-arm must comply with the following minimum requirements:

Motor driven C-arm with isocentric movement

Motor driven orbital rotation: minimum 130 deg

Vertical travel: minimum 400mm

Horizontal travel: minimum 200mm

Swivelling (panning): minimum +/- 10deg

Angulation: minimum 190 deg

Focus – image receptor distance: minimum 980mm

C-arm vertical free space: minimum 770mm

C-arm depth: minimum 610mm

Parallel movement of C-arm stand with operating table

Wheels steering and braking system

Cable deflection system on wheels

The above minimum requirements must be confirmed in the bidder’s proposal and supported by technical documentation

2.1.4. Monoblock

The monoblock must comply with the following minimum requirements:

X-ray tube with one or two focal spots

Focal spot size in fluoroscopy: 0.6mm

Additional filtration: >0.1mmCu

Total filtration >4mmAl

2.1.6. Flat Detector / image intensifier

The digital flat panel / image intensifier must comply with the following minimum requirements:

Detected field size: minimum 19x19 cm / min \varnothing 23 cm

Detector matrix: minimum 1024x1024 pixels/ CCD with 1 K2 imaging throughout whole imaging chain

Dynamic range: minimum: 65dB

The above requirements must be confirmed in the bidder's proposal and supported by technical documentation

2.1.7. Monitors

Two high resolution flat screen monitors must be supplied, each to the following minimum requirements:

Minimum 18" on a mobile trolley

TFT high res monitors min 1280x1024

Brightness: min 500 cd/m²

Contrast ratio: minimum 400:1

Viewing angle (horizontal and vertical): minimum 170 deg

Adjustable viewing angle

The above minimum requirements must be confirmed in the bidder's proposal and supported by technical documentation

2.1.8. Digital memory

The system must be supplied with digital memory complying to the following minimum requirements:

Memory storage capacity on HDD: minimum 60,000 images with 1024x1024 matrix

Memory matrix: 1024x1024 pixels

Image matrix: 1024x1024 pixels

The above minimum requirements must be confirmed in the bidder's proposal and supported by technical documentation

2.1.11. Software

The system must be supplied with appropriate software for the clinical applications outlined above including the support of 3D reconstructions. This will be to the following minimum requirements:

3D reconstruction and visualisation software

Axial, sagittal and coronal slice planes

3D volume size: minimum 128x128x128mm

3D reconstruction resolution: minimum 256x256x256 voxels

Maximum acquisition images for 3D reconstruction: minimum 100

Minimum memory capacity on HDD: 200 scans at 512³ voxel volume, with image resolution of 1kx1k

Digital measurement function: length and angle

Cine loop

Thick slice filter function

Zoom function

The above minimum requirements, as well as the ability to support 3D reconstruction and the outlined clinical applications, must be confirmed in the bidder's proposal and supported by technical documentation