

**GOVERNMENT OF ASSAM
OFFICE OF THE DIRECTORATE OF MEDICAL EDUCATION, ASSAM
SIXMILE, KHANAPARA, GUWAHATI-22**

No.DME.E-674645-6

Dated ↓

Corrigendum-1

With reference to the IFB No: AHIDMS/JICA/P&C/Equipment/Imaging/2025/08 DATED 09-10-2025 FOR Supply, Installation and Commissioning of Medical Imaging Equipment for AMCH, GMCH, SMCH, LMCH, DMCH, JMCH, FAAMCH and TMCH in Assam UNDER JICA FUNDED PROJECT under Assam Health System Strengthening Project (AHSSP) certain amendments have been incorporated in the IFB document. Bidders are requested to take the note of these amendments prior to the submission of bid.

The following corrigendum in the subject Tender issued is hereby authorized: -

Lot-1: Technical Specification of Single-loader CR System with Dry imager	
Existing	Corrigendum
Image recording system (Cassettes & Imaging Plates)	
3) 8" X 10" -- 02 Nos.	Delete
Image Reading (CR Reader /Digitizer)	
1) It should be input -output buffer/ stacker that can load 1 or more cassettes.	The system should have an input-output single/multi stacker (buffer) that can load one or more cassettes
4) It should have a resolution (Reading specification) of 5, 6.6 & 10 pixels/mm for cassettes reading	It should have a resolution (Reading specification) of 5 to 10 pixels/mm or more for cassettes reading
Dry Imager	
3) The system must be able to process up to 70 films/hour (minimum) for 14"x17" size film.	The system must be able to process up to 50 films/hour (minimum) for 14"x17" size film.
5) The system must have a spatial resolution of 500 PPI/DPI (minimum) for all size printed	The system must have a spatial resolution of 300 PPI/DPI (minimum) for all size printed
6) It should have contrast resolution of 14 bits/pixel or more	It should have contrast resolution of 12 bits/pixel or more

Lot-2: Portable X-Ray Machine		
Existing		Corrigendum
A.	X-RAY GENERATOR	
4.	The control panel should have digital display of KV, mA, mAs separately.	The control panel should have digital of KV & mAs/mA separately.
5.	The radiography KV should be 40 to 110KV or more with increment of 1KV steps.	The radiography KV should be 40 to 100KV or more with increment of 1KV steps.
6.	The radiography mA should be from 20 to 100mA or more.	Radiography mA is from 40 to 100mA
7.	The radiographic mAs should be from 1 to 250mAs or more.	The radiographic mAs should be from 1 to 200mAs or more.
B.	X-RAY STAND	

4.	There should be space for adjustments of spring, covered by metal box without any screwing enabling hospital maintenance team to adjust springs during any issue.	There should be space for adjustments of spring, covered by metal box enabling hospital maintenance team to adjust springs during any issue.
6.	It should have locking arrangement to park the tube arm in extreme lower position while moving the machine on Ramps, Lifts & Wards etc. Height in park position should be less than 140cm.	It should have locking arrangement to park the tube arm in extreme lower position while moving the machine on Ramps, Lifts & Wards etc. Height in park position should be less than 146cm.
C.	POWER SUPPLY	
1.	The unit should runs on Single Phase 230 volts, 20Amps, 50Hz.	The unit should runs on single phase 230 volts,15-20Amps, 50Hz

Lot-3: C-Arm Machine		
	Existing	Corrigendum
A.	FLAT PANEL DETECTOR:	
1.	Effective area – 23cm x 23cm.	Effective area – 23cm x 23cm or more
5.	Field of view – 315mm2 x 315mm2.	Deleted
6.	Maximum Power – 25W	Maximum Power – 16W
B.	C-ARM MOVEMENTS:	
1.	Rotation: +270 Degrees or more.	Rotation: +/-200 Degrees or more.
3.	Horizontal Travel: 220 mm or more	Horizontal Travel: 200 mm or more
4.	Arc Orbital Movement: 160 Degrees (+40deg, -120Deg)	Arc Orbital Movement: 120 Degrees or more (+40deg, -90Deg)
6.	Source to Image distance should be 1000mm or more.	Source to Image distance should be 970mm or more.
7.	Clearance I.I. to X-Ray tube – 800mm or more.	Clearance I.I. to X-Ray tube – 765mm or more.
8.	Depth of “C” should be at least 680mm or more.	Depth of “C” should be at least 620mm or more.
9.	Double steering handle separate for controlling front & back wheels movements with ± 90 -degree movement for both side.	Double/Single steering handle separate for controlling front & back wheels movements with ± 90 -degree movement for both sides.
C.	X-RAY GENERATOR:	
3.	Fluoro & Rad. KV 40 to 110 KV.	Fluoro & Rad. KV 40 to 110 KV or more with an increment of 1 KVP per step.
4.	Radiographic mA: 20mA or more.	
D.	Fluoroscopic mA: -	
5.	0.1mA to 2.5mA or less (Paediatric mode)	0.1mA to 3mA or less (Paediatric mode)

10.	The system should have Auto Error Indication & Detection of Power Supply error, Inverter error, Filament error, Rotor error, Monoblock Temperature sensor, Thermal error & safety cut off, Tube hot should display on LCD.	To be Deleted
E.	X-RAY TUBE:	
1.	Mono-block tube head having dual focus Stationary/Rotating anode X-Ray tube of focal spot 0.6mm (small focus) & 1.5mm (large focus) should be provided.	Mono-block tube head having dual focus Stationary/Rotating anode X-Ray tube of focal spot 0.6mm (small focus) & 1.2mm (large focus) should be provided or better
2.	Anode Heat Storage capacity should be 70kHU or more to enable long operation of machine without heating.	Anode Heat Storage capacity should be 30kHU or more to enable long operation of machine without heating.
F.	CONTROL: 15" or more Touch Screen LCD Display control panel mounted on c-carriage for Exposure parameter display, selection of mode and live x-ray image display. Display of KV, mAs, fluoro time, FmA, Zoom, Error interlock for KV, filament, thermal etc.	CONTROL: 15" or more Touch Screen LCD Display control panel mounted on c-carriage for Exposure parameter display, selection of mode and live x-ray image display. Display of KV, mAs, fluoro time, FmA, Zoom, Error interlock for KV, filament, thermal etc.
G.	Console Panel should have following functions & Indications:	
1.	In built radio timer that enables to select mAs from 1 to 200.	In built radio timer that enables to select mAs Range: 1-20 mAs
N.	Monitor on Trolley: 2 nos. of 19" or more Medical grade high-resolution monitor or 1no 27" or more Medical grade monitor with split screen to view live & stored images should be mounted on mobile trolley.	Monitor on Trolley: 2 nos. of 19" or more Medical grade high-resolution monitor or 1no 27" or more Medical grade monitor with split screen to view live & stored images should be mounted on mobile trolley.
O.	Connectivity & storage Features:	
P.	Power requirement:	
2.	Whole machine should have Strong Inbuilt voltage stabilizer. If the same is not incorporated than the company should provide external voltage stabilizer of 5KVA for complete unit of reputed, make with warranty certificate for total warranty years. Company should not blame input power for any reason during warranty of CMC years.	The complete unit should be inbuilt electronic voltage stabilization. If the same is not incorporated than the company should provide external voltage stabilizer of 5KVA for complete unit of reputed, make with warranty certificate for total warranty years. Company should not blame input power for any reason during warranty of CMC years.

All other terms and conditions of the Bid Document shall remain unchanged.