

RAJASTHAN MEDICAL SERVICES CORPORATION LTD.

D- Block, Swasthya Bhawan, Tilak Marg, C-Scheme JAIPUR (Raj)



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No. F-8() RMSC/EPM/M-1/2019-20/NIB-452/ 3311

Dated:

15/01/2020

CLARIFICATION/CORRIGENDUM/ADDENDUM

Subject: Amended in Technical Specifications of Bid document of item C-Arm Machine, under No. F-8() RMSC/EPM/M-1/2019-20/NIB-452/3025 date: 06.12.19

In reference to subject cited above NIB-452, various representation received from the firms and issues raised by the bidder are examined by the competent authorities and technical committee. The following clarification/corrigendum/addendum is issued for inclusion in bid document of items as below:-

1. IMAGE INSTENSIFIER

- Image Intensifying Tube: 9 Inches, triple field Normal = 9", Zoom facility.
- Nominal Entrance Field Size: 200 mm or more.
- Output Image diameter: 23 mm or more.
- CMOS/CCD Camera: High resolution compact CCD/CMOS camera ½" size. Pixel matrix: 1024x 1024.
- Monitors and Trolley: 2 Nos. 18" or more medical grade monitors along with modular trolley.
- Interlocking mechanism facility should be available with 360° axial movement.

2. C-ARM MOBILE STAND:

- Rotation: ± 180 Degrees.
- Up/Down movement with Actuator/Motorized: 400 mm or more.
- Horizontal Travel: 200 mm or more.
- Arc Orbital Movement: 120 Degrees.
- Wig Wag: ± 12.5 Degrees.
- Tube Head: 15 KHz or more stationary anode tube of focal spot 0.6mm (FLR) and 1,5mm (RAD).
- Anode Heat Capacity of tube should be 100 KHU or more
- Min. Voltage: 100 kV.
- Fluoroscopic mA: 0.1 - 3 mA or more (Normal Mode).
- Pulse Fluoroscopy mA: 0.1 -5 mA or more.
- Radiographic mAs : 200mAs or more

3. GENERATOR

- Mains Voltage: AC/DC converter for H.F. X-Ray Generator (suitable for X- Ray Tube).
- Max. Output power: 3.5 KW or more.
- Display for: display for KV, mAs, mA.
- Radiography: Manual & APR.
- Technique Selection: Fluoro and radio mode selection.
- Radiographic Timer: An inbuilt radio timer enables to select upto 200 mAs.
- Fluoroscopic Timer: Five minutes cumulative timer with buzzer.
- Fluoro mA: Continuously variable.
- Memory 10000 frames.
- Collimator- radiation free, IRIS Collimation
- Metal Compensated ABS (Automatic brightness stabilization) facility should be provided.
- LASER aimer for radiation free patient positioning.

Consumables to supply along with Each Equipment: The equipment shall be supplied with 06 numbers good quality light weight AERB certified lead aprons, thyroid shields and Lead goggles with

hangers.(lead thickness of all Consumables items shall be of 0.5mm and all items must be a AERB certified).

- **Suitable online UPS with more than 30min backup for whole system.**
- **Guarantee for both items:** 03 years from the date of *successful* installation including complete system.
- **CMC for item:** CMC will be given @ 4% (of net rate- exclusive of GST) and yearly escalation of maximum 5 % on last year's CMC price. The rates of CMC should be provided for minimum five years after guarantee period of three years.
- **Certification for item:** The equipment should be European CE (Notified Body)/USFDA/BIS approved, and AERB approved. The bidder should be ISO 9001 certified.

Other terms and condition to be covered during guarantee period by the supplier:-

- **Response time-** < 48 Hours after logged the complain in complain portal.
- **Service hours-** As per health facility schedule.
- **Preventive Maintenance Schedule (PM)-As per OEM (Mention PM Schedule)**
- **Calibration Schedule – As per OEM (Mention Schedule)**
- **Up time-** 95% (346 Days)
- **Technical & Application Support, Demonstrations & Trainings - As & when required**
- **Toll Free No. (24*7)-**
- **Life of the equipment-** As per OEM
- **Service engineer detail in Rajasthan-**

It is also clarified that information of award of contract shall be communicated to all participating bidders on the website www.rmssc.nic.in and sppp.raj.nic.in. Please note that individual bidder will not be intimated.”

Note:- Please note that all above amendments/corrigendum in technical specifications/bid conditions is the integral part of (Section-V, Schedule of Supply, and Point no. 3) and the bid document. This corrigendum/ addendum should be signed and annexed with bid document. All other terms & conditions remains the same.

This bears the approval of M.D., RMSCL, Jaipur.

ym 15.1.2020
Executive Director (EPM)
RMSCL, Jaipur