

Notice Calling for Quotation/Tender

OFFICE OF THE SUPERINTENDENT
J.N. MEDICAL COLLEGE HOSPITAL
ALIGARH MUSLIM UNIVERSITY,
ALIGARH

No. Ext. 5024 /MCH

Dated... 28-11-2015...

M/s.....
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Sealed Quotations/Bids (One Technical and One Financial separately) are invited from manufacturers or their authorized dealers for the following equipments which should be sealed by the tenderers in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover, which should also be sealed and duly super scribed, on the terms and conditions printed on Page No. 3.

Quotations should reach this office on or before 19.12.2015 by 03:00 P.M.

High Frequency C – Arm Machine

X-ray Generator – 3.5KW Stationary Anode /40 KHz High Frequency

1. Technology & Features:

- 3.5 KW / 40KHz High Frequency Generator – Single Phase
- Micro controller based feather touch control panel with dual LCD Display
- Full SMD technology and modular design – with error codes and intuitive interface
- Ergonomic designed stationary monoblock
- 9” Image Intensifier – with high resolution camera
- Dual 17” Display Monitors – high contrast
- Internal Ethernet(10/100) communication between X-Ray Generator and Image Processor
- Ergonomically designed trolley
- Complete shielded wiring and EMI protection for noise free use in the surgery room
- Emergency shutdown switch, built in circuit breaker and leak and spark proof heavy duty connectors

2. Technical Specifications:

- Type of Frequency : 40 KHz
- KV range : 40- 110KVp
- FluoromA range : 0.2 – 4 mA
- Boosted fluoroscopy 0.4-7mA
- mAs range : 1 to200mAs

3. Image Processing:

- Image transfer option on pendrive
- 100 frame storage
- **Tube specs**
- Stationary Anode x-ray tube.
- Dual Focul Spot (0.6/1.5)
- Anode Input power (3. 5kW / 17kW)

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- Anode diameter 64mm
- Anode angle 12°
- Inherent filtration ≥ 0.7 mmAl
- Anode heat content 30kJ
- Anode Heat Dissipation Rate 300W

4. Electrical Characteristics:

- Single phase voltage : 230Vac +/- 10%, 16A
- Frequency : 50 Hz
- Max current Absorption
 1. Fluoroscopy Working : 230 Vac: 6A
 2. Radiography working : 230 Vac: 22A
- Generator power in DC current : 3.5 kW
- Generator operating frequency : 40kHz
- Maximum voltage : 100 kvp
- Maximum current with radiography : 60 mA
- Maximum current with continuous fluoroscopy : 4mA
- Maximum mAs with Radiography : 250 mAs


5. Features:

- Micro Controller Based LCD Display
- Isolator (2KVa)
- Display of errors on console
- Modular design
- Dual Monitors
- SUITABLE FOR ERCP Work procedure

6. Standard Accessories:

- Servo Stabilizer – 01
- Lead Apron – 06
- C – Clamps
- Wire guards clamps
- Cassette holder tray

7. Equipment must have Valid AERB certificate with model name.


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