

Re-Advertised Tender Enquiry

R-6826/CC
13.9.18

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

No. Ext 974 /MCH/SHKB

Dated 12/9/2018

M/s.....

Sealed Quotations/Bids are invited from Manufacturer or their authorized dealers for the for the purchase of High Frequency mobile X Ray unit on the terms and conditions as mentioned on page no.2

Quotation should reach this office on or before 26/09/2018 by 12:00Noon.

Note: Those firms who have submitted their bids earlier in response to NIT No.732/MCH/SHKB dated 11-08-2018 need not apply again.

Specification for High Frequency mobile X-Ray unit

State of Art, High frequency microprocessor controlled Mobile X-Ray having following features:

- The Generator:
 - a. Microprocessor controlled high frequency/inverter type of high frequency (110 KHz or more) for constant output.
 - b. The system should have inbuilt PFC Circuit for Power Factor Correction
 - c. It should have power rating of 3.5 kW or more.
 - d. It should have a digital display of mAs and kV.
 - e. KV range: 40kv to 100kv or wide range.
 - f. mA selection: 20 to 70mA or more.
 - g. mAs selection: 1 to 200 m As or more.
 - h. Exposure time of 15 ms to 4.4sec
- X-Ray Tube and Collimator:
 - a. Stationary anode and focal spot size should be less than1.8mm².
 - b. Should have collimator with On/Off switch from Console.
- Display: Digital display of mAS and KV for easy parameter settings.
- Should display the Errors in case if any malfunction occurs in the system
- The unit must have an effective braking system for parking and transport. The tube stand must be fully counter balanced with rotation in all directions.
- The System should have dual articulated arm design to keep the tube-head straight always during up-down movement of Tube head.
- The System should have concealed cable design (hidden cable routing from console to Arm) specially for use in ICU (hygienic advantages)
- The System should have separate storage space to keep accessories, etc.
- The System should have the storage space for multiple cassettes.
- The machine should be equipped with double step exposure switch with long cord.
- The Systems should be fully safe with respect to
 - a. Over current
 - b. Over Voltage

continued on page 02

Medical Superintendent
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