



Date: - 05th November, 2019

Corrigendum
for
Portable X-ray with CR facility for the Department of
Radiology

NIT Issue Date	: 30 th July, 2019
NIT No.	: Admn/Tender/25/2019-AIIMS.JDH
Pre-Bid Meeting	: 12 th August, 2019 at 03:15 PM
Earlier Last Date of Submission	: 30 th October, 2019 at 03:00 PM
Extended Last Date of Submission	: 14 th November, 2019 at 03:00 PM
Bid opening	: 15 th November, 2019 at 03:15 P.M

The following revised and additional specification will be added:-

1. Page No. 10, Column Item:

For

Portable X-ray with CR facility

Read

Portable X-ray

2. Page No. 10,

For

State of Art High frequency microprocessor controlled Portable X Ray system with integrated Computed Radiography system having following features:

- Compact, lightweight, easily transportable mobile High Frequency X-Ray unit with integrated CR system suitable for bedside x-rays, trauma, Intensive care units, Operations theatres and Radiology department.
- The unit should be fully counterbalanced and can be positioned to suit different bed heights. The unit should have facility of vertical swing and horizontal rotation of the tube head to ensure X - Ray of any anatomy even within limited space.
- The unit must have an effective braking system for parking and transport.
- The unit must have intelligent graphical Touch screen display with atleast 60 user-configurable anatomy presets for ease of operation to the operator.
- The exposure release switch should be detachable with a cord of sufficient length (atleast 3 m)

Read as

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3. Page No 10, under heading Generator point a:

For

Microprocessor controlled high frequency / inverter type of high frequency (40 KHz or more) for constant output.

Read as

Microprocessor controlled high frequency / inverter type of high frequency (200 KHz or more) for constant output.

4. Page No 10, under X-ray tube and collimator:

For

- a. Stationary / Rotating anode having focal spot size less than 2mm
- b. Output of tube should match with that of generator.
- c. Light Beam diaphragm / Double layer Collimator with auto cut off switch. The light intensity shall be at least 160 lux at 1 mtr distance from focal spot.

Read as

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- b. Output of tube should match with that of generator.
- c. Light Beam diaphragm / Double layer Collimator with auto cut off switch. The light intensity shall be at least 160 lux at 1 mtr distance from focal spot.
- d. The collimator rotation must be ± 90 degrees.

5. Page No 11, under heading “The System should be supplied with Computed Radiography system having following features”:

For:

The System should be supplied with Computed Radiography system having following features:

- a. High resolution CR system should be completely integrated with the main mobile X Ray unit.
- b. CR should be mounted on the main Mobile X-Ray unit & the total combined weight of unit should be less than 170 kgs
- c. Should have imaging plates fixed to rigid back panel and nothing touching the active area of phosphor plate to ensure superior image quality and durability of the system.
- d. The inbuilt processor should have comprehensive software with facility of smart search, sort, filter options, full set of annotations, measurement tools and user preferred settings, selectable from the touch screen display.
- e. CR system should be fast enough to scan 40 plates per hour or more
- f. Grayscale resolution: 16 bits/Pixel source file or more, 65536 shades of Grey
- g. Data acquisition process should be True Flat Scan Path or better
- h. Image access time: 60 seconds or less
- i. The system should be DICOM & PACS compatible

Read as

Deleted

6. Page No. 11, heading Essential accessories, point b:

For

CR compatible Cassettes - Two each of size 10" X 12" (25X30cm) and 14" X 17" (35X43cm)

Read as

CR compatible Cassettes - Two of size 10" X 12" (25X30cm) and four of size 14" X 17" (35X43cm) compatible with the Fuji Capsula CR system currently installed in the department.

7. Page 11, Addition of a new point:

Weight of the entire machine should not be more than 145 kgs