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No. F-8 (27) RMSC/EPM/M-5/2016-17/NIB-177/ 4389

Dated: 18 11/01

-8

CLARIFICATION/CORRIGENDUM/ADDENDUM

<u>Subject</u> :- <u>Amended technical Specifications, Date Extension and other terms and conditions of Bid</u> <u>document for Orthopaedic Equipments under NIB No. F-8 (27) RMSC/EPM/M-5/16-17/NIB-</u> <u>177/3534 Dated 05.08.2016</u>.

In Reference to above cited subject and NIB-177, the technical specification of items are here by amended as below:-

Revised Technical Specification of Orthopaedic Equipments

Technical Specifications of C-Arm Machine

1. IMAGE INSTENSIFIER

- a) Image Intensifying Tube: 9 Inches, Normal = 9", Zoom facility.
- b) Nominal Entrance Field Size: 200 mm or more
- c) Output Image diameter: 25 mm or more
- d) CCD/CMOS Camera: High resolution compact CCD/CMOS camera ¹/₂" size. Pixel : 1024x 1024.
- e) Monitors and Trolley: 2 Nos. 17" / single 24" or more medical grade monitors. Monitors should be along with modular trolley.
- f) Image Intensifier head safety lock. : To be provides.

2. C-ARM MOBILE STAND:

- a) Rotation: = 180 Degrees.
- b) Up/Down movement with Actuator/Motorized: 400 mm or more
- c) Horizontal Travel: 200 mm or more
- d) Arc Orbital Movement: 120 Degrees ± 5 Degree.
- e) Wig Wag: +/- 12.5 Degrees
- f) Tube Head: 15 KHz or more stationary anode dual focal tube.
- g) Min. Voltage: 100 KV
- h) Fluoroscopic mA: 0.5 7 mA
- i) Radiographic mAs : 200mAs or more

3. INVERTOR

- a) Mains Voltage: AC/DC converter for H.F. X-Ray Generator (suitable for X-Ray Tube).
- b) Max. Output power: 1.5 KW or more
- c) Display for: display for KV, mAs, mA.
- d) Radiography: Manual & Auto.
- e) Technique Selection: Fluoro and radio mode selection.
- f) Radiographic Timer: An inbuilt radio timer enables to select upto 200 mAs
- g) Fluoroscopic Timer: Five minutes cumulative timer with buzzer.
- h) Fluoro mA: Continuously variable
- i) Should support USB for image storage
- j) Collimation- radiation free, IRIS Collimation / fix collimation
- k) The C- Arm machine should be AERB Approved if applicable. Related documents should be submitted along with technical bid.
- 1) Auto Brightness
- m) The equipment should be supplied with 06 numbers good quality, light weight lead aprons.
- n) Onsite QA as per AERB Guidelines is must during guarantee period of three years.



- 4. Guarantee : 03 year from the date of successful installation.
- **5. CMC** : CMC will be given @ 4 % (of net rate-inclusive of Excise Duty & exclusive of VAT/CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC will be awarded for five years on yearly basis after Guarantee period of three years.

6. Consumable : NIL

In Reference to above cited subject and NIB-177, the last date for sale of bid, receipt of bid and date of opening of technical bid is hereby extended as below:-

Existing Date			Extended date		
Last Date for	Last Date of	Date of	Last Date for	Last Date of	Date of
Sale of Bid	Receipt of Bid	Opening of	Sale of Bid	Receipt of Bid	Opening of
Form	Form	Technical Bid	Form	Form	Technical Bid
20.10.2016	20.10.2016	20.10.2016	07.11.2016	07.11.2016	07.11.2016
11:00 AM	01:00 PM	03:00 PM	11:00 AM	01:00 PM	03:00 PM

Note: Please note that all above amendments/corrigendum in technical specifications/bid conditions is the integral part of the bid document. This corrigendum/ addendum should be signed and annexed with bid document.

Orsile OA as not AFRB Buildelines is must during quantities

All other terms and conditions of bid shall remain the same.

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

212

Executive Director (EPM) RMSCL, Jaipur