



Notice Inviting e-Tender

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SUPPLY & INSTALLATION OF 128 Slice CT SCANNER & 16 SLICE CT SCANNER MACHINE IN THE MEDICAL COLLEGE AND HOSPITAL OF GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-214/2018

Dated-12.10.2018

Amendment-IV

REVISED TECHNICAL SPECIFICATION

16 SLICE CT SCAN

Specifications for Turnkey Work

Site preparation including interiors and Air-conditioning

1. **Area to be prepared including interiors:** Carpet area of 750 sq. feet approx. The area should have properly lead shielded wherever required as per BARC norms.
(Only covered space would be provided to the supplier)

Necessary brick work for compliance (thickening of wall) with AERB requirement should be done by the selected agency. Damp proof treatment wherever required. **Pest**, termite and rodent control from authorized agency for the warranty & CMC period. The agency should submit certificate after the treatment. Regular cleaning and weekly deep cleaning for entire unit **for the warranty & CMC period**

2. **Height of the room (up to false ceiling):** 3.0 m and above
3. **General**
 - a) **Floor:** Floor (except of CT room) should be of premier quality double charged joint less Glazed ceramic tiles of size (800 x 800) mm. **Antistatic PVC floor for CT room (Tarkett / Wonder floor or equivalent)**
 - b) **Ceiling:** Powdered coated Aluminium Grid Ceiling **and Gypsum board false ceiling wherever required.**
 - c) **Wall:** should be of premier quality double charged joint less Glazed ceramic tiles of size (450 x 300) mm up to ceiling high. Wall specification should be as per BARC norms

- d) **Door for CT Room:** Wooden (with lead shielding as per AERB norms)/ Heavy duty double leaf Steel Main Entrance door with locking facility and metal UPS room door with 1 hour fire rating. Both metal doors shall be wooden texture finish. (Tata Parvesh door or equivalent)
- e) **Paint:** 2 coats synthetic enamel paints over 2 coats primer over wall putty (if required)
- f) **Viewing Window:** Size of the Lead window should be at least 2" (H) X 4" (W)
- 4. **Air-conditioning machine:** The entire carpet area should be air-conditioned with AC machines of appropriate tonnage and with 100% back up. AC machines with 5 star rating having appropriate capacity to bring down and maintain room temperature up to 16° Celsius as per requirement. There should be sufficient number of the AC machines to run the service round the clock and uninterrupted in case of breakdown of any of the AC machine(s).

A/C ducting to prepare, if required with necessary fire guard.

Indicative AC Make: O General/ Hitachi/Mitsubishi – Green gas

- 5. High quality room L E D lighting (up to 400 LUX of illuminance)
- 6. Ambient light interior during treatment period.
- 7. Gas Pipelines etc with 2 terminations – one at patient waiting area & other at Gantry room – imported terminals to be supplied.
- 8. The bidders to submit drawing layout plan of the interior. At least 15 -20 patient holding positions has to be mentioned in the drawing layout plan. Sufficient furniture to be supplied for the console room and patient waiting.
- 9. Movable Skylight at ceiling

10. Wiring System:

- a) Light, Fan, 5 Amp Plug: 3 X 1.5 sq. mm copper conductor FRLS wire should be provided.
- b) Power Plug (15 Amp): 2 X 2.5 + 1 X 1.5 sq. mm copper conductor FRLS wire should be provided.
- c) Split AC wiring: 2 X 4 + 1 X 2.5 sq. mm copper conductor FRLS wire should be provided.

11. **Earthing:** Four nos. Copper plate earthing as per PWD schedule

12. Dress Changing room

13. Provision for 1 complete Toilet facility (plumbing – kohler / jaquar / grohe / roca and sanitary cera / hindware / parryware – tornedo technology)

14. Scrub station – Full SS body 2 sink scrub station with auto sensor & optional paddle operating facility. Necessary water filter plant to be supplied with scrub.

15. Misc supply items : 3 nos - 80 liter Waste bin Set as per color code – 1 set with monthly supply of 10,000 waste bags & 6 nos 20 liter waste bins with monthly supply of 20,000 waste bags for the warranty & CMC period.

Note: The items mentioned above are indicative in nature

Furniture to be supplied:

a)	Executive revolving chair with arm rest: 6 Nos. (Godrej/Featherlite)
b)	Steel Almirah with Rack: 3 Nos. (Godrej)
c)	Wooden Shoe Rack: 2 Nos (Godrej)
d)	Crash Cart: 1 No. (Godrej/ Janak)
e)	i) 1800 mm Console table -1 No.with matching wall mounted cabinet ii) Additional Table for workstation size of (1800 x 800) mm- 1 No.(Godrej/Featherlite)
f)	Customized cabinet for Gantry room as per requirement – 2 mtr x 2100 mm ht, made with 19 mm BWP plywood & inside outside laminated with best quality hardwares as required.
g)	Mirror in change Room with small storage rack and clothes Hook, Curtain with SS rods and Hooks- 1 No
h)	Wheel chair: 1 No
i)	LED view box for two films - 2 Nos
j)	Patient trolley with mattress with O2 Cylinder facility: 1 No.
k)	3 seater patient waiting chair and magazine racks (godrej / featherlite) – 6 nos
l)	PA system with FM/USB facility (Sony/Philips/Bosch)- 1 No.
j)	Night vision CCTV camera with proper coverage of patient waiting area, entry gate, console & UPS room with storage capacity of 15 days
k)	24x7 online dehumidifier-2 Nos.
l)	Fire sensors as per manufacturer specification (Honeywell / jonson or equivalent) and hand held Co2 extinguisher 3 kg – 6 nos
l)	Note: The items mentioned above are indicative in nature