

## RAJASTHAN MEDICAL SERVICES CORPORATION LTD.

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No :F-8(109) RMSC/EPM/M-1/B.A. 113.4/NIB-213/2017/ 186

Date: 13/01/17

**CLARIFICATION/CORRIGENDUM/ADDENDUM**

**Subject:** - Amended Technical Specifications of Bid document of Item Horizontal Laminar Flow, under NIB No. F-8(109) RMSC/EPM/M-1/B.A. 113.4/NIB-213/2017/50 Date: 06.01.17

In reference to subject cited above and NIB-213, the representations received from the various firms and issues raised by the Bidders, are examined by the competent Authorities and technical committee. The following Clarification/Corrigendum/Addendum is issued for inclusion in Bid document. Amended Technical Specification of items as below:-

**1. Amended Technical Specifications of Item Horizontal Laminar Flow as below:-****Amended Technical Specifications of item Horizontal Laminar Flow**

1. Construction-fabricated from welded 16 gauge C.R. steel includes adjustable levelers.
2. Work surface: 304 stainless steel.
3. Finish: exterior surface feature a chip-resistant, powder-coated finish of approximately 6 mm thickness.
4. Front panel : Removable transparent scratch resistant sheet of approx. 6mm thickness.
5. Pre-filters: disposable fiber glass with Filtration efficiency of 98% for all types of particles of size 8 micron and larger.
6. HEPA filter: choice of HEPA (rated 99.97% efficient@ 0.3µm particles) or ULPA (rated 99.99% efficient@0.12µm particles)
7. Lighting: Fluorescent type with lux > 800 & UV light.
8. On and OFF timer indicator for UV light along with total time usage of UV light.
9. External size 3000 x 2500 x 2000 mm( L x D x H) tolerance ±10%
10. FFU airflow: 650 CFM (2" x 4"), 460 (2" x 3") of air at filter pressure drop from 0.35-0.795" W.G at 90 FPM.
11. On site annual calibration and validation.
12. On site counting of dust particles in laminar air flow chamber during demo and annually.
13. Installation commissioning and trial run will be the responsibility of the supplier.
14. Appropriate manometer to measure the pressure should be provided along the equipment.
15. The system should be CE approved (Valid documentation should be submitted in technical bid).
16. Manufacturing should be compliant with ISO 13485 (Valid documentation should be submitted in technical bid).
17. **Guarantee:** Two years on equipment from the date of installation.
18. **CMC:** CMC will be given @ 5 % (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 may be awarded for five years (on yearly basis) after completion of Guarantee period of two years.
19. The company should submit technical compliance sheet as per technical specifications mentioning the make & model of quoted item along with catalogue in the Technical bid .
20. Installation will be done by supplier free of cost.
21. The service engineer should be based in Rajasthan.
22. Four Preventive Maintenance services annually during Guarantee and CMC period are essential.
23. Demonstration of equipment is must for final technical approval.

It is also clarified that information of award of contract shall be communicated to all participating bidders on the website [www.rmssc.nic.in](http://www.rmssc.nic.in) and [sppp.raj.nic.in](http://sppp.raj.nic.in). Please note that individual bidder will not be intimated."

**Note:-** Please note that all above amendments/corrigendum in technical specifications/bid conditions is the integral part of (Section-V, Schedule of Supply, and Point no. 3) and the bid document. This corrigendum/ addendum should be signed and annexed with bid document. All other terms & conditions remains the same.

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

**Executive Director (EPM)**  
**RMSCL, Jaipur**