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F-8(RMISC/EPM/M-4/NIB-527/2020-21/ 310

Date:- 07/01/2021

Clarification/Corrigendum/Addendum

Subject:- Revised Technical Specification for NIB No. F-8()RMISC/EPM/M-4/NIB-527/2020-21/114 Dated 14.10.2020 for item 1.ELECTRICAL SUCTION MACHINE, 2.WEIGHING MACHINE (ADULT), 3.WEIGHING MACHINE (NEONATAL).

In Reference to subject cited above and NIB-527, the various representations received from the firms and issues raised by the Bidders are examined by the competent Authorities and technical committee. The following Corrigendum/Addendum is issued for inclusion in bid document as below:-

Revised Technical Specifications of Electrical Suction Machine

Technical Specification

1. Should have stainless steel body of SS 304 grade with rotary vane pump.
2. Low vacuum, low flow, **rotary vane pump** of maximum vacuum: 0 to 700±10 mmHg and flow rate of at least 40lit/min regulatable.
3. Provided with flutter free vacuum control knob.
4. Collection bottle of wide mount **2 litre or more** of 2 numbers (collection jar of light weight, polycarbonate unbreakable and transparent with plastic lid).
5. Bottle(s) have fitted with arrangement to prevent overflow of fluid.
6. Filter and overflow valve incorporated to prevent cross-contamination.
7. The pump should be incorporated with bacterial filter.
8. Tubing to patient to be minimum **2m** long, non-collapsible type.
9. Should be easy to clean and disinfect.
10. Any necessary greasing/oiling to be simple, accessible and possible by normal clinical operator. And, should have manual setting.
11. Noise (in dBA) - 50 dB A ± 3
12. Provision of mobility and portability should be available.
13. Power Requirements- 230 V, 50 Hz, 2 ± 0.5 Amps
14. **Tolerance (to variations, shutdowns) - Voltage corrector to allow operation at ± 30% of local rated voltage. Use of SMPS to correct voltage.**
15. Protection- Electrical protection by resettable over current breakers or replaceable fuses, fitted in both live and neutral lines.
16. Power consumption- Should run with other life-saving equivalent running parallel.
17. Quoted product should be US-FDA/CE/BIS. And, manufacturer should have ISO 13485 certificate. Should meet the standards of IEC 60601.
18. Accessories (mandatory, standard, optional): Collection container and its cap, suction tube tips, vacuum gauge, two sets of moisture and microbial filters and control knob.

(Handwritten signature)

19. Consumables (open, closed system) - Silicone tubes: 8mm ID x 2 meter (PVC), 1x2 Litre jar (one set extra).
20. Final technical approval after demonstration.
21. ~~Company should have service network in Rajasthan.~~
22. The company should mention the make and model name/number of the quoted equipment and submit the technical brochure of the quoted model in the technical bid along with compliance sheet as per technical specifications.
23. User manual with trouble-shooting guidelines should be provided by supplier.
24. Guarantee: Three year against any manufacturing defect from the date of supply/installation.

Revised Technical Specification of Weighing Machine (Adult)

Technical Specification

1. Sturdy dial type mechanical platform weighing machine with magnifying mirror for adult and children.
2. Zero adjustment facility should be there.
3. Should have accuracy and resolution of 500gram
4. Range of weighing: 0 to 150kg
5. The manufacturer shall have the valid license and should have model approval by the legal metrological department and the weighing scale must be stamped by the legal metrological department. In case of distributor, the bidder should have valid distributor and repair license from legal metrological department, Govt. of Rajasthan.
6. Manufacturer should have ISO 9001.
7. Guarantee: Three years on full product (including battery) from the date of installation.


Revised Technical Specification of Digital Weighing Machine (Neonatal)

Technical Specification

1. Electronic scale for weighing new born babies with on board On/OFF Switch with auto off feature.
2. Measuring range 0 to 20kg with minimum graduation: 5gram
3. Accuracy: ± 1 gram
4. Weighing machine should have removable stainless tray with **removable 1"** foam mattress, density of foam should be ≥ 40 .
5. Tare function should be available.
6. Auto-calibration with each switch-on.
7. Large LED/LCD display readable in low light working situations, good quality plastic cover on display panel.
8. Display in kilogram (kg) and pound (lbs), easy switch between kg and lbs.
9. Reading/response time maximum 5 seconds.
10. 10 Zero weighing adjustment.
11. Freeze reading feature.
12. Smooth surface/finishing allows for easy cleaning and disinfection.
13. All vital parts made of rust proof materials.
14. Horizontal levelling with height adjustable feet.

15. Splash proof and shock resistant light-weight body.
16. Power requirements: AC 220-240V, 50Hz with 4 hour or more battery backup.
17. The machine should be work both on AC power supply and battery.
18. Manufacturer should have ISO 9001.
19. Quoted product should be CE certified/ ISI certified.
20. Should supply with 1 x spare set of fuse.
21. User manual and instruction with trouble shooting guidance in Hindi and English should include in the box.
22. The manufacturer shall have the valid license and should have model approval by the legal metrological department and the weighing scale must be stamped by the by legal metrological department. In case of distributor, the bidder should have valid distributor and repair license from legal metrological department, Govt. of Rajasthan.
23. Guarantee: Three years on full product (including battery) from the date of installation.

All other terms & conditions remains the same.


Executive Director (EPM)
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