

Rajasthan Medical Services Corporation Limited, Jaipur

Gandhi Block, Swasthya Bhawan, Tilak Marg, C-Scheme, Jaipur - 302005

Ph. No. 0141-2223887, Fax : 0141-2228065

E-mail : edepmrmisc-rj@nic.in

CIN:U24232RJ2011SGC035067

Website: <http://rmisc.health.rajasthan.gov.in>

No. F-8() RMSC/EPM/M-3/23-24/NIB-739/ (13)

Dated: 28/02/24

CLARIFICATION/CORRIGENDUM/ADDENDUM

Sub:- Revised Amended Technical Specifications and Bid of the rate contract for 1.Digital Hemoglobin Meter(Strip Based) with 400 strips 2. Hemoglobin meter Strips with lancet (Packet of 50 Nos.) for under NIB No. F-8() RMSC/EPM/M-3/NIB-/2022-23/739/1052 dated 25-1-2024

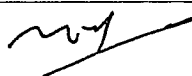
In Reference to subject cited above and NIB-739, the various representations received from the firms and issues raised by the Bidders are examined by the competent Authorities and technical committee. The following Clarification/Corrigendum/Addendum is issued for inclusion in Bid document & Technical Specification of items as below:-

Revised Technical Specifications of Digital Hemoglobin Meter (Strip Based)

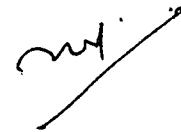
S.No.	Technical Specification	Comments
1.	Name	Digital Hemoglobiometer
2.	Clinical purpose	Direct handheld battery operated device used for haemoglobin testing in clinical setting/population-based screening. The device is intended to be used for quantitative measurement of haemoglobin in capillary, venous or arterial whole blood samples taken from forearm, upper arm, hand thigh, calf, or fingers.
3.	Should be used by	Medical officers/ Laboratory Technician/ Staff Nurse/ ANMs/ Mid-Level health providers at HWCs.
Technical Characteristics		
1.	Working principle	Reflectance Photometry/ Absorbance Photometry
2.	Parameter	Blood haemoglobin level
3.	Range of Hb estimation	0-20 gm/dl
4.	On screen patients result display	Yes (LCD Display)
5.	Maximum volume of sample required	Not more than 50µl (One full blood drop)
6.	Sample material	Capillary, venous or arterial whole blood
7.	Measuring time	Less than one minute
8.	Auto-calibration	Auto/self calibration(Should be free from Manual Coding).



S.No.	Technical Specification	Comments	
9.	Sensitivity	More than 80%	Findings should be published in two peer reviewed indexed journals. The studies should be done in two different Indian settings by two independent teams of investigators.
10.	Specificity	More than 80%	
11.	Bias (Limits of agreement)	0.5 gm/dl (± 1 gm/dl)	
Users Interface			
1.	Memory to store data	Desirable- up to 500 tests with date & time	
2.	Bluetooth Connectivity	Desirable	
3.	Data Transfer	Desirable- provision for data transfer to printer and PC	
Physical Characteristics			
1.	Dimensions (Metric)	Not more than 15cm \times 10cm \times 20cm	
2.	Weight (Grams)	Should not be more than 500 grams	
3.	Mobility/Portability	Should be mobile & portable	
Energy Source			
1.	Power requirements	Preferably battery operated. Should also be able to work on direct connection with electricity source (AC). The manufacturer must provide the charger & the cable for electricity power connection, wherever required by the equipment.	
2.	Battery	3.7 volt Lithium-polymer rechargeable battery/1.5 volt 4 AA batteries/etc. should be able to perform up to 500 tests when full charged.	
3.	Automatic shut down	On battery power the device should turn off after approximately of 5 minutes of no use.	
Environmental Consideration:			
1.	Working temperature	Should be able to perform on temperature of minimum 10°C or below and maximum 40°C or above.	
2.	Working humidity	5-95%	
3.	User's care/ Cleaning	The part of the equipment which comes in contact with blood should be easily cleanable. The factors which affect the haemoglobin estimation (ex. Haziness of lens) after repeated use should be clearly mentioned in the manual. The cleaning material for the lens & strip should be easily available.	



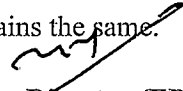
S.No.	Technical Specification	Comments
Accessories		
1.	Strip (Working Environment)	Disposable & stable at specified environmental (Working temperature- of minimum 10°C or below and maximum 40°C or above, Working humidity- 5-95%) condition.
2.	Strip (StorageEnvironment)	Should be stable at temperature of 25-30°C & humidity of 5-95%. Shelf life for storage should be at least one year.
3.	Strip packaging	Strip should be packed in packaging of 50Nos. in a air tight bottle/vial (50 lancet should be provided free of cost with each 50Nos. Strips) 400 Nos. Strips Must be supplied free of cost with Digital Hemoglobin meter.
Quality Control		
1.	Intra-sample variation (Accuracy)	Should be less than 5%
2.	Control solution to check quality	Should be available for low, normal and high hemoglobin values. Calibration facility should be available.
3.	Certification	i.US FDA/ European CE(notified body)/ISO 13485:2016 certification. ii. Copy of License as per MDR-2017 shall be submitted in technical Bid.
Service Support		
1.	Service support contact details	Contact details of manufacturer, supplier and local service agent to be provided
2.	Training	Free onsite/virtual training should be provided for the doctors, ANM and ASHA. At least,two trainings (one training at the time of installation)
3.	Warranty	3 Years



Revised Bid Value:-

S. N.	Description of Goods under Procurement	Indicative Quantity (In Nos.)	Bid Value (In Lac.)	Minimum average Gross annual turnover for last three financial years (In Lac)	Minimum average gross annual turnover for last three financial years for (MSMEs of Rajasthan) (In Lac.)	Bid Security (In Lac.)	Bid Security for MSME Units of Rajasthan (In Lac.)
1.	Digital Hemoglobin Meter (Strip Based) with 400 strips	16000	800.00	300.00	150.00	16.00	4.00
2.	Hemoglobin meter Strips with lancet (Packet of 50 Nos.)	714108 pkt	2570.78	771.23	385.61	51.41	12.85

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


Executive Director (EPM)
RMSCL, Jaipur