

### Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 14:00:00
Bid Opening Date/Time	25-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Uttar Pradesh
Department Name	Medical Health And Family Welfare Department Uttar Pradesh
Organisation Name	N/a
Office Name	Cmo Office Deoria
Total Quantity	3
Item Category	AUTOMATED HEMATOLOGY ANALYSER ( 3 PART )
Bidder Turnover (Last 3 Years)	8 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	50 %
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Required	No
----------	----

### ePBG Detail

Required	No
----------	----

## Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## AUTOMATED HEMATOLOGY ANALYSER ( 3 PART ) ( 3 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Certifications for the product	-	*
	Certification number and date	-	*
	Confirmity to quality management standards	ISO 9001 & ISO 13485	*
	Confirmity to electrical safety standards	IEC 61010-1,IEC 61010-2-081,IEC 61010-2-101 or BIS equivalent	*
Performance Parameters	UMDNS Name and Code	"Analyzers, Laboratory, Hematology, Cell Counting, Automated [17-741],Hematological cell analyser Analyzers, Laboratory, Hematology, Cell Counting, Semiautomated [17-742] Analyzers, Point-of-Care, Whole	*

	Blood, Hematology [18-513] Computer Aided Detection Systems, Pathology Slide, Blood Cell Classification [24-248]"	
Clinical Purpose	Hematology Analyzers are used to count and characterize blood cells for disease detection and monitoring. Basic analyzers return a complete blood count(CBC) with a three-part differential white blood cell(WBC) count.	*
Type of Configuration	Bench top	*
<b>Type of system offered</b>	Open system	Open system
Type of Automation	Fully Automatic	*
Automatic Start Up,shut down and sample analysis	Yes	*
Analysis principle	Based on principle of counting and sizing	*
Multi channel analysis for better resolution	Yes	*
Type of cell counting	3 part WBC differential	*
Testing mode selection available	CBC Mode	*
Analysis available	WBC,Lymph#,Lymph%, Granulocytes #,Granulocytes%Mixed #, Mixed %,,RBC,HGB, HCT,MCV,PCV,MCH,MC HC,RDW-SD,RDW-CV,PL T,MPV,PDW-SD,PDW-CV,PCT,PLCR ,P-LCC	*
Should have three histograms of WBC,RBC,PLT	Yes	*
<b>MID% analysis</b>	Yes	Yes
<b>MtD# analysis</b>	Yes	Yes
<b>Gran% analysis</b>	Yes	Yes
<b>Gran# analysis</b>	Yes	Yes
<b>Analysis method for WBC</b>	electrical Impedance	electrical Impedance

<b>Method for platelet measurement</b>	electrical Impedance	electrical Impedance
<b>RBC Measurement method</b>	electrical Impedance	electrical Impedance
<b>Hb measurement</b>	Cyanide free Colorimetry	Cyanide free Colorimetry
<b>Types of modes of running sample</b>	Open vial, capillary, Closed, Pre dilute	Open vial, capillary, Closed, Pre dilute
<b>Maximum sample aspiration volume needed in any of modes</b>	should be less than 50 $\mu$ l	should be less than 50 $\mu$ l
<b>Minimum sample volume required</b>	should be 10 $\mu$ l or less	should be 10 $\mu$ l or less
<b>Throughput capacity of analyser in (samples/ hour)</b>	50-60	50-60
Linearity of Platelet	" 0 to 300 * 10 <sup>3</sup> cells/ micro litres"	*
RBC Linearity	0 to 8 x 10 <sup>6</sup> per micro litre or more	*
<b>Hemoglobin linearity</b>	0 to 25 gm per litre	0 to 25 gm per litre
WBC linearity	" 0 to 3000 * 10 <sup>3</sup> cells/ micro litres"	*
Analyses time for cytopenic samples	Yes	*
Directly measures MCV	Yes	*
Time taken by the analyser to produce the test results(Analysis time) in seconds	40-60	*
<b>Availability of Auto dilution</b>	Yes	Yes
Types of reagents	1 hemolyzing reagent, 1 diluent, 1 cleansing solution	*
Quality assurance system with calibration and controls	Yes	*
Atleast 3 quality control programs	Yes	*
<b>Type of Calibration</b>	both (automatic and manual)	both (automatic and manual)
<b>Direct aspiration for capillary blood from finger prick</b>	No	No

Data Management and Display	Floating discriminator for platelets and RBC counting for reliable RBC and PLT data	Yes	*
	Automatic probe wipe	Yes	*
	<b>Separate diluting nozzles for RBC and WBC</b>	Yes	Yes
	<b>Double bathing mechanism</b>	Yes	Yes
	Automatic electric clog removal	Yes	*
	<b>Type of data management</b>	Inbuilt system	Inbuilt system
	<b>Display</b>	LED	LED
	<b>Inbuilt monitor size in inches</b>	More than 5	More than 5
	<b>PC Monitor size in inches (When PC provided externally)</b>	NA (if Inbuilt system)	NA (if Inbuilt system)
	<b>PC hard disk</b>	NA	NA
	<b>RAM capacity of PC System</b>	NA (if no PC provided)	NA (if no PC provided)
	Processor	i5 or more	*
	<b>HIS/LIS Interface</b>	RS232	RS232
	<b>Type of external storage</b>	USB	USB
	<b>No of USB Port</b>	4	4
	<b>Data management systems</b>	Provide histograms in display and print	Provide histograms in display and print
	Facility for user defined flagging	Yes	*
	<b>Type of user Interface or data entry</b>	all three (touchscreen, handheld barcode reader facility and manual)	all three (touchscreen, handheld barcode reader facility and manual)
	<b>"Database capability of storing sets of results and graphics"</b>	>= 50000	>= 50000
	Facility for workload recording	Yes	*
	"Auto stop function in event of unacceptable control data"	Yes	*
	Ability to transmit	Yes	*

	results to host computer		
	Have auto cleaning function in the analyser's software	Yes	*
	<b>Printer facility</b>	Yes	Yes
	<b>Type of printer unit</b>	Inbuilt	Inbuilt
	<b>Printer type</b>	Thermal printer	Thermal printer
Power Requirements	Type of power supply in VAC,HZ	230-240 VAC,50-60 Hz	*
	Power Backup facility	Yes	*
	<b>Type of UPS</b>	Online	Online
	<b>Rating of UPS in KVA</b>	1 KVA	1 KVA
	<b>Back up time in minutes</b>	60 min	60 min
Accessories, spare parts and consumables	<b>"Offered equipment unit to be supplied with sufficient consumables (with at least 2/3rd of total shelf life) required for, sufficient to carry out haematological testing of samples"</b>	1000	1000
	Two set of all tubings	Yes	*
	Reagent expiry time should be minimum of 1 year	Yes	*
	Alerts for operator for level of reagents and to empty waste when indicated	Yes	*
	Availability of micro capillary adapter	Yes	*
	Operating temperature and humidity	Capable of operating continuously in ambient temperature of 15 to 35 deg C and relative humidity of 15 to 85% in ideal circumstances	*
Miscellaneous Parameters	<b>Warranty in years</b>	3	3
	<b>Number of installations in Central /State/PSU Govt Hospitals ( Hint: Seller should</b>	More than 3	More than 3

<b>supply a performance certificate of the device to the buyer incase demanded after placement of order)</b>		
OEM/Reseller ( if supplied by reseller shall ensure uninterrupted availability of all spares for 10 years)	Yes	*
<b>Availability of toll free facility for technical support maintained by OEM or authorized agencies</b>	Yes	Yes
During the warranty period it shall be ensured that all the break down calls are attended with in 48 hrs and the complete details of service agents / contact details should be furnished to buyer and consignee at time of supplies	Yes	*
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes	*
Details of equipments and procedures required for local calibration and routine maintenance to be supplied and advanced maintenance task documentation also to be furnished	Yes	*
List of important spares and accessories, with their part numbers to be supplied to the buyer at the time of supplying the equipment	Yes	*
Installation and demonstration of equipment and training to be provided after completing supplies	Yes	*

	before acceptance		
	The Principal Manufacturer must have direct Presence/approved service center In India	Yes	*
	Copies of reports and certifications to be furnished to buyer on demand at time of supplies	Yes	*
	Calibration certificates as per NABH requirement	Yes	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Sanjay Chand	274001,District Hospital Road Deoria	3	15

### Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
2. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
3. ISO 9001: The bidder must have ISO 9001 certification.
4. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
5. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
6. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have



Dedicated/toll Free Telephone No. for Service Support.

7. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
8. Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 3 years for the offered products at the rate not more than 5 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement ( covering preventive maintenance and servicing)with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Annually after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 5% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).
9. Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide Comprehensive Maintenance Service for next 3 years for the offered products at the rate not more than 5 % of contract price per annum. Buyer reserves the right to enter into a CMC agreement with the Successful Bidder / OEM after expiry of the Warranty period at above mentioned rate and the payment for the CMC charges would be made Annually after rendering of the CMC Services of the relevant CMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the CMC contract when called upon by the buyer. CMC would include cost of NA (Upload the undertaking). The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 5% of total CMC value valid up to CMC period plus 2 months (if there is no other claim).
10. Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope Replacement (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)
11. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
12. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 5 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**