

Bid Document

Bid Details	
Bid End Date/Time	11-07-2020 12:00:00
Bid Opening Date/Time	2020-07-11 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Coal
Department Name	Materials Management
Organisation Name	Mahanadi Coalfields Limited
Office Name	General Manager Materials Management Mcl Hqr
Total Quantity	1
Item Category	Automated Hematology Analyser (5 Part)
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,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
Bid to RA enabled	Yes
Inspection Required	No
Estimated Bid Value	1300000

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	26000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	2

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

MCL Central Hospital Area
MC, CENTRAL HOSPITAL AREA, TALCHER
(Mcl Central Hospital Area)

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.

Automated Hematology Analyser (5 Part) (1 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] 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 5-part differential white blood cell(WBC) count.Sophisticated analyzers measure cell morphology and can detect small cell populations to diagnose rare blood conditions.	*
	Type of Configuration	benchtop	*
	Type of system offered	closed system	closed system
	Type of automation	fully automatic	*
	Equipment should have automatic start up,shut down and sample analysis	Yes	*
	Analysis principle	LASER based scatter analysis	LASER based scatter analysis
	Type of cell counting	5 part WBC differential with Retics and NBRC enumeration capability	5 part WBC differential with Retics and NBRC enumeration capability
	Should have multi channel analyssi for better resolution and reproductability	Yes	*
	Analysis available	WBC,Lympho#,Lympho %,Neutrophil#,Neutrophil %,Basophil#,Basoph	*

	il%,Easinophil #,Easino phil%,Monocyte#,Mono cyte%,RBC,HGB,MCV,P CV,MCH,MCHC,RDW- SD,RDW CV,PLT,MPV,P DW,PLT,PLCR,PLCC,HCT ,PCT,RET#,RET%,NRBC #,	
NRBC%	No	Yes, No
Availability of body f luid(CSF,synovial,ser ous) parameters like WBC-BF,RBC-BF,MN #,MN%,PMN%,PMN# ,TC-BF#	Yes	Yes
IPF analysis	Yes	Yes
PLT-0 Analysis	Yes	Yes
PLT-F Analysis	Yes	Yes, No
IG % analysis	Yes	Yes
IG# analysis	Yes	Yes
RET-HE analysis	Yes	Yes
HFR analysis	Yes	Yes
LFR analysis	Yes	Yes
MFR analysis	Yes	Yes
IRFanalysis	Yes	Yes
Discrete analysis modes available	CBC,CBC+DIFF,CBC+R ETIC,CBC+RETIC+DIFF	CBC,CBC+DIFF,CBC+R ETIC,CBC+RETIC+DIFF, CBC+NRBC,CBC+Diff+ NRBC, CBC,CBC+DIFF, CBC+RETIC,CBC+RETI C+DIFF
Analysis method for WBC	Tri angle Laser flow cytometry	Tri angle Laser flow cytometry
method for platelet measurement	electrical impedance	dual angle light scatter/flouroscent dye based, electrical impedance
RBC Measurement method	electrical impedance	light scatter measuring technique, electrical impedance
Hb measurement	cyanide free colorimtery	cyanide free colorimtery
Retic measurement	on board light scatter(flouroscent dye/retic stain based) for reticulocyres	on board light scatter(flouroscent dye/retic stain based) for reticulocyres
no of sample racks	1	1

to cater to different tube sizes		
Maximum sample Aspiration volume needed in all modes	100 µl or less	100 µl or less
Minimum sample volume required in all modes	20µl or less	20µl or less
Throughput capacity in CBC/Differential	50-60	50-60, > 100
Throughput capacity in Retic mode	45 or more	45 or more
Type of modes of sample running	Open vial	Open vial, Closed vial
Linearity of Platelet	" 0 to 3000 * 10 ³ cells/ micro litres"	*
RBC Linearity	0 to 8 x 10 ⁶ per micro litre or more	*
Hemoglobin linearity	0 to 25 gm per litre	0 to 25 gm per litre
Rectic linearity	0 to 24.5	0 to 24.5
WBC linearity	" 0 to 300 * 1000 cells/ micro litres"	*
Directly measures MCV	Yes	*
Time taken by the analyser to produce the test results(Analysis time) in seconds	40-60	*
Availability of Auto dilution	Yes	Yes
should have clot detection facility	Yes	Yes
Automatic probe wipe	Yes	*
Extended Analyses for cytopenic samples	Yes	*
Number of reagents	5	*
Quality assurance system with calibration and controls	Yes	*
Atleast 3 quality control programs	Yes	*
Type of Calibration	Both manual and automatic	automatic, Both manual and automatic
Direct aspiration for capillary blood from finger prick	No	Yes, No

Data Management and Display	Floating discriminator for platelets and RBC counting for reliable RBC and PLT data	Yes	*
	Separate diluting nozzles for RBC and WBC	Yes	Yes
	Double bathing mechanism	Yes	Yes
	Upgradable to integrate with attachment	No	"Fully automated slidemaker & slide stainer", No
	Type of data management	inbuilt system	inbuilt system
	Display	LCD	LCD, LED
	PC hard disk	NA	>500 GB, NA
	Inbuilt monitor size in inches	>5	>5
	Processor of PC Provided with system	NA (If PC not provided)	1 5 or more, NA (If PC not provided)
	RAM	NA (If PC not provided)	4 GB, 8 GB, NA (If PC not provided)
	HDD	NA (If PC not provided)	500 GB, 1 TB, NA (If PC not provided)
	PC Monitor size in inches if PC provided externally	NA (for Inbuilt based)	17 INCHES OR MORE, NA (for Inbuilt based)
	The processor and RAM of the board system should be latest version	Yes	*
	HIS/LIS Interface	RS232	RS232
	Type of external storage	USB	USB
	No of USB Port provided	2	2, 3, 4
	Printer facility	No	Yes, No
	Type of printer unit	External	External
	Printer type	LASER printer	LASER printer
	Display and print provided	scatter plot and histograms	*
	Auto loader facility	Yes	*
	Facility for user defined flagging	Yes	*
	"Database capability"	>= 50000	>= 50000

	of storing sets of results and graphics"		
	L J Plot facility	Yes	Yes
	delta check for cumulative review	Yes	Yes
	On line QC option	Yes	Yes
	patient moving average	Yes	Yes
	QC File management	Yes	Yes
	Facility for workload recording	Yes	*
	"Flagging in event of unacceptable control data"	Yes	*
	Ability to transmit results to host computer	Yes	*
	Make of PC provided (Reputed make PC to be provided)	-	*
	Type of user Interface or data entry	all three	all three
	Have auto cleaning function in the analyser's software	Yes	*
Power Requirements	Type of power supply in VAC,HZ	100-240 VAC,50-60 Hz	*
	Power Backup facility	UPS	*
	Type of UPS	Online	*
	Rating of UPS in KVA	1 KVA	1 KVA
	Back up time in minutes	30 min	30 min
	AVAILABILITY OF Sufficient Number of Quality control fileswhich store 100 or more XB Analysis	Yes	*
ACCESSORIES ,SPARE PARTS AND CONSUMABLES	"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	1000	1000

	testing of samples"		
	Should have on board reagent facility and automatic reagent inventory management	Yes	*
	Net work integration with lab information system feature	Yes	Yes
	Operating temperature and humidity	"Capable of operating continuously in ambient temperature of 10 to 35 deg C and relative humidity of 15 to 85% in ideal circumstances"	*
Miscellaneous Parameters	Warranty in years	3	3
	Number of installations in Central /State/PSU Govt Hospitals (Hint: Seller should supply a performace certificate of the device to the buyer incase demanded after placement of order)	More than 3	More than 3
	OEM/Reseller (if supplied by reseller shall ensure uninterputed availabilty of all spares for 10 years)	Yes	*
	Availability of toll free facility for technical support maintained by OEM or authorised agencies	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/Mainten ance manuals to be supplied in English in	Yes	*

	hard and soft copy		
	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 before acceptance	Yes	*
	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	Ghanshyam Sahu	759103,MAHANADI COALFIELDS LIMITED, NSCH, PO Dera, Talcher	1	30

Bid Specific Additional Terms and Conditions

1. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
2. **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 3 years 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 primary product having highest value should meet this criterion.
3. Bidders can also submit the EMD with Account Payee Demand Draft in favour of MCL CENTRAL HOSPITAL AREA payable at TALCHER.
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
4. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of MCL CENTRAL HOSPITAL AREA payable at TALCHER. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
5. 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)
6. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). All bidders must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which the bid is liable to be rejected. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
7. ISO 9001: The bidder must have ISO 9001 certification.
8. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
9. 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 7 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---

