

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 18:00:00
Bid Opening Date/Time	24-07-2020 18:30:00
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	Central Coalfields Limited
Office Name	Central Coalfields Limited
Total Quantity	2
Item Category	ECG Machine
Experience Criteria	1 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	No
Inspection Required	No
Estimated Bid Value	254960

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.

ECG Machine (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certificates	Confirmity to standards	European CE	European CE
	Certification number and date	-	*
	Confirmity to safety of electromagnetic compatibility	IEC-60601-1-2:2001 (or equivalent BIS)	*
	Confirmity to safety standard	IS - 13450 / IEC60601-1-2005	*
Performance Parameters	Purpose	ECG machine is primary equipment to record ECG signal with interpretation which is required for recording and analyzing the waveforms with software.	ECG machine is primary equipment to record ECG signal with interpretation which is required for recording and analyzing the waveforms with software.
	Operating modes of ECG Machine	Automatic, Manual and Rhythm	*
	ECG machine should have ECG lead annotation facility	Yes	*
	Leads which is in ECG machine should be able to acquire simultaneously and interpret them	12	*
	Number of channels	12	12
	ECG machine should acquire lead ECG for both adult and paediatric patients	Yes	*

The ECG machine should have facility to show lead fail indication	Yes	*
The ECG machine should have facility to show lead reversal indication	Yes	*
The ECG machine should have facility to show the impedance to quality check of connection	Yes	*
Acquisition time for ECG Machine in sec	10 sec	*
Digital sampling rate for Pacemaker spike detection	40000 s/sec/channel	*
Recording of digital sampling for pacemaker	1000 s/sec/channel	*
ECG machine should have real time colour backlit display of ECG waveforms with signal quality indication for each lead	Yes	*
ECG machine should have frequency filters	Artifact, AC and low and high pass frequency filters	*
Number of ECGs which can be store in ECG Machine	100-150	100-150
ECG machine should have full screen preview of ECG report for quality assessment checks prior to print	Yes	Yes
Type of inbuilt screen	LCD	LCD
Size of screen in inches	5	5, 9
Display resolution of ECG machine in pixels	640 x 480	*
ECG machine should have interpretation facility of the amplitudes, duration and morphologies of	Yes	*

ECG waveforms and associated rhythm for adult and pediatric patient		
ECG machine should have alphanumeric keyboard for patient data entry	Virtual	Virtual, Hard keys
Size of printing paper	A4	A4
Resolution of digital array printer using thermal sensitive paper in ECG Machine in dpi	200 dpi x 500 dpi on 25 mm/sec speed	*
ECG machine report format	Report formats of 3x4; 6x2, Rhythm for up to selected leads, 12 lead extended measurement, 1 minute of continuous waveform data for 1 selected lead	*
Provision of battery	Yes	Yes
Battery capacity	50 ECG or 1 hour of continuous rhythm recording on single charge	50 ECG or 1 hour of continuous rhythm recording on single charge
Connectivity to ECG Machine	LAN	LAN
Storage on external portable memories	USB support	*
The individual patient lead should be change without replacing the whole patient cable assembly	Yes	*
Noise level in dba	25	*
Weight of ECG Machine in Kg	5	*
Frequency in Hz	300	*
Availability of latest interpretation software	Yes	Yes
Wireless acquisition module with RF technology	No	Yes, No
System should have the dedicated software to	Yes	Yes

	download the ECG form machine in PDF format		
	Warranty in years	3	3
	User and service manual of ECG Machine	Yes	*
Environmental Parameters	Operating temperature and humidity	temperature of 10-40 degree C and relative humidity of 15-90%	*
Trolley	Provision of trolley	No	Yes, No
	Material of Frame of trolley	No Trolley Provided	SS 304, No Trolley Provided
	Material of Top of trolley	No Trolley Provided	SS 304, No Trolley Provided
	Number of castors	No Trolley Provided	4, No Trolley Provided
	Number of brakes for castors	No Trolley Provided	2, No Trolley Provided
	Height of trolley in inch	No Trolley Provided	30 INCHES OR MORE, No Trolley Provided
	Provision of railing for top shelf	No Trolley Provided	YES, No Trolley Provided
	Availability of suitable cable arm having holder for ECG cables when not in use	No Trolley Provided	YES, No Trolley Provided
Power Supply	Power input	220-240 V AC, 50 Hz fitted with Indian plug	*
	Length of power cable in meter	3	*
	Resettable over current breaker shall be fitted for protection	Yes	*
Accessories	ECG Machine 12 leads with interpretation	1	1, 2
	Patient Cable	2	2
	Chest Electrodes Adult (set of Six)	1	1, 2
	Chest Electrodes Paediatric (set of Six)	2	2
	Limb Electrodes	2 for adults and 2 for paediatric	2 for adults and 2 for paediatric, 4 for adults and 4 for paediatric
	Thermal paper for 500 patients	1 SET	1 SET, 2 SET

Reports	Power cable for charging	Yes	Yes
	Supplied with Clip electrode	Yes	Yes
	Manufacturer shall be ISO certified	ISO 13485	*
	ISO certification details such as date and number	-	*
	Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters	Yes	Yes
	Test report number , Incase test reports not available , put NA	-	*
	Test report date, Incase test reports not available , put NA	-	*
	Name of test lab , Incase test reports not available , put NA	-	*
	Address of test lab , Incase test reports not available , put NA	-	*
	Copies of all test reports to be provided to buyer on demand at time of supplies ,	Yes	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	Dheeraj Kumar Mishra	825314,Regional Store Parej CCL P.O. Ghatotand , Ramgarh-825314.	2	15

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.
4. Preference to Make In India products (For bids less than 200 Crore):Preference shall be given to Class 1 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 Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder 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 no purchase preference shall be granted. 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 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

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

---Thank You---