

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 11:00:00
Bid Opening Date/Time	27-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Jammu & Kashmir
Department Name	Health And Family Welfare Department Jammu And Kashmir
Organisation Name	Government Medical College
Office Name	Govt Medical College Baramulla
Total Quantity	2
Item Category	ECG Machine ( PAC Only )
Bidder Turnover (Last 3 Years)	2 Lakh (s)
OEM Average Turnover (Last 3 Years)	2 Lakh (s)
Experience Criteria	3 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,OEM Authorization Certificate,OEM Annual Turnover *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
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### ePBG Detail

Required	No
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### 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. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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.

3. 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.

### ECG Machine ( 2 pieces ) ( Under PAC )

Make	schiller
Model	cardiovitat102g2

#### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certificates	<b>Confirmity to standards</b>	BIS	BIS
	Certification number and date	G10415050120 & Date: 17/04/2019	*
	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	<b>Purpose</b>	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	*
	<b>Number of channels</b>	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	*
<b>Number of ECGs which can be store in ECG Machine</b>	151-200	151-200
<b>ECG machine should have full screen preview of ECG report for quality assessment checks prior to print</b>	Yes	Yes
<b>Type of inbuilt screen</b>	TFT	TFT
<b>Size of screen in inches</b>	7	7
Display resolution of ECG machine in pixels	640 x 480	*
ECG machine should have interpretation facility of the amplitudes, duration and morphologies of ECG waveforms and associated rhythm for adult and pediatric patient	Yes	*
<b>ECG machine should have alphanumeric keyboard for patient data entry</b>	Hard keys	Hard keys
<b>Size of printing paper</b>	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	*
<b>Provision of battery</b>	Yes	Yes
<b>Battery capacity</b>	50 ECG or 1 hour of continuous rhythm recording	50 ECG or 1 hour of continuous rhythm recording

		on single charge	on single charge
	<b>Connectivity to ECG Machine</b>	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	45	*
	Weight of ECG Machine in Kg	4.2	*
	Frequency in Hz	300	*
	<b>Availability of latest interpretation software</b>	Yes	Yes
	<b>Wireless acquisition module with RF technology</b>	No	No
	<b>System should have the dedicated software to download the ECG form machine in PDF format</b>	Yes	Yes
	<b>Warranty in years</b>	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	<b>Provision of trolley</b>	No	No
	<b>Material of Frame of trolley</b>	No Trolley Provided	No Trolley Provided
	<b>Material of Top of trolley</b>	No Trolley Provided	No Trolley Provided
	<b>Number of castors</b>	No Trolley Provided	No Trolley Provided
	<b>Number of brakes for castors</b>	No Trolley Provided	No Trolley Provided
	<b>Height of trolley in inch</b>	No Trolley Provided	No Trolley Provided
	<b>Provision of railing for top shelf</b>	No Trolley Provided	No Trolley Provided
	<b>Availability of suitable cable arm having holder for ECG cables when not in use</b>	No Trolley Provided	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	<b>ECG Machine 12 leads with interpretation</b>	1	1
	<b>Patient Cable</b>	2	2

Reports	<b>Chest Electrodes Adult (set of Six)</b>	1	1
	<b>Chest Electrodes Paediatric (set of Six)</b>	2	2
	<b>Limb Electrodes</b>	2 for adults and 2 for paediatric	2 for adults and 2 for paediatric
	<b>Thermal paper for 500 patients</b>	1 SET	1 SET
	<b>Power cable for charging</b>	Yes	Yes
	<b>Supplied with Clip electrode</b>	Yes	Yes
	Manufacturer shall be ISO certified	ISO 13485	*
	ISO certification details such as date and number	QS6180641505114 & Date: 26/06/2018	*
	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	No	No
	Test report number , In case test reports not available , put NA	NA	*
	Test report date, In case test reports not available , put NA	NA	*
	Name of test lab , In case test reports not available , put NA	NA	*
	Address of test lab , In case test reports not available , put NA	NA	*
	<b>Copies of all test reports to be provided to buyer on demand at time of supplies ,</b>	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	Abdul Hameed Kuthoo	193101, Govt Medical College Baramulla	2	15

#### Bid Specific Additional Terms and Conditions

1. 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.
2. 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.

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

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