

Bid Document

Bid Details	
Bid End Date/Time	14-07-2020 11:00:00
Bid Opening Date/Time	2020-07-14 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Labour And Employment
Department Name	Na
Organisation Name	Employees State Insurance Corporation (esic)
Office Name	Esic Hospital Bibvewadi, Pune
Total Quantity	3
Item Category	ECG Machine
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,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	250000

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.

ECG Machine (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certificates	Confirmity to standards	BIS	BIS
	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	Yes	*

paediatric patients		
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	151-200	151-200
ECG machine should have full screen preview of ECG report for quality assessment checks prior to print	Yes	Yes
Type of inbuilt screen	TFT	TFT
Size of screen in inches	7	7
Display resolution of ECG machine in pixels	640 x 480	*
ECG machine should have interpretation facility of the amplitudes, duration	Yes	*

and morphologies of ECG waveforms and associated rhythm for adult and pediatric patient		
ECG machine should have alphanumeric keyboard for patient data entry	Hard keys	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	45	*
Weight of ECG Machine in Kg	4.2	*
Frequency in Hz	300	*
Availability of latest interpretation software	Yes	Yes
Wireless acquisition module with RF technology	No	No
System should have the dedicated	Yes	Yes

	software to 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	No
	Material of Frame of trolley	No Trolley Provided	No Trolley Provided
	Material of Top of trolley	No Trolley Provided	No Trolley Provided
	Number of castors	No Trolley Provided	No Trolley Provided
	Number of brakes for castors	No Trolley Provided	No Trolley Provided
	Height of trolley in inch	No Trolley Provided	No Trolley Provided
	Provision of railing for top shelf	No Trolley Provided	No Trolley Provided
	Availability of suitable cable arm having holder for ECG cables when not in use	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	ECG Machine 12 leads with interpretation	1	1
	Patient Cable	2	2
	Chest Electrodes Adult (set of Six)	1	1
	Chest Electrodes Paediatric (set of Six)	2	2
	Limb Electrodes	2 for adults and 2 for paediatric	2 for adults and 2 for paediatric
	Thermal paper for 500 patients	1 SET	1 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	No	No
	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	Swapnil Prakash Bhoyar	411037,ESIC HOSPITAL BIBVEWADI Sr. No.690 BIBVEWADI, PUNE-411 037	3	45

Bid Specific Additional Terms and Conditions

1. **OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
2. **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)
3. **IMPORTED PRODUCTS:** In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
4. **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.
5. **Dedicated /toll Free Telephone No. for Service Support :** BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
6. **Escalation Matrix For Service Support :** Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
7. **ISO 9001:** The bidder must have ISO 9001 certification.
8. **The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.**
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 3 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.
10. **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 1 year 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.

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

---Thank You---