

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 10:00:00
Bid Opening Date/Time	23-07-2020 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Air Force
Office Name	*****
Total Quantity	1
Item Category	Cardiac Monitor with defibrillator
Bidder Turnover (Last 3 Years)	2 Lakh (s)
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 *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

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.

Cardiac Monitor With Defibrillator (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to Certification	-	*
	Certification number and date	-	*
	Conformity to Manufactures Certification	ISO 9001 & ISO 13485	ISO 9001 & ISO 13485, ICMED 9001 & 13485
	Conformity to Safety Standards	IEC 60601-2-4 or Equivalent BIS	*
Performance Parameters	Capability parameter of defibrillator	ECG monitoring, external defibrillation, external pacing (transcutaneous), internal defibrillation and recording	ECG monitoring, external defibrillation, external pacing (transcutaneous), internal defibrillation and recording
	Technology of defibrillator	Biphasic technology	*
	Modes in defibrillator	Automated external defibrillation and manual	Automated external defibrillation and manual
	Maximum energy selection in joules	360	*
	Capability of ECG Monitoring	ECG leads , multi function electrodes , paddles	*
	Number of wave-forms	3	3, 4
	Patient compatibility to defibrillate	Adult , pediatric patients	Adult , pediatric patients
	Type of display	TFT	TFT, LCD
	Size of display screen	7	*

in inch		
Provision to display ECG waveform on bright high resolution display	Yes	*
Facility to have synchronized cardio version	Yes	Yes
Ability to display CPR index on screen real time	Yes	Yes
Ability to filter out CPR artefacts to see organised rhythms without interrupting chest compression	Yes	Yes
Provision of within built rechargeable battery	Yes	*
Battery backup to deliver number of shocks at maximum energy	100	*
Weight of defibrillator with battery and paddles in Kg	5.5	*
Provision of in built recorder	Yes	Yes
Provision of printing ECG trace & stored information	Yes	Yes
Facility of External non-invasive pacing	Yes	Yes
Type of external transcutaneous pacing modes	Both Demand mode and fixed mode	Both Demand mode and fixed mode
Pulse width of External non-invasive pacing in milli seconds	40	40
Ability to measure chest compression rate and depth in real time with visual feedback on screen with rate and depth indicator	Defibrillator with external sensors	Integrated with defibrillator, Defibrillator with external sensors
Facility to monitor EtCO2	Yes	Yes
Facility to monitor	Yes	Yes

NIBP		
Facility to monitor SPO2	Yes	Yes
Upgradability to monitor EtCO2	No	Yes, No
Upgradability to monitor NIBP	No	Yes, No
Upgradability to monitor SPO2	No	Yes, No
ECG monitoring	Using 3 lead	Using 12 leads, Using 3 lead, Using 5/6 lead
Provision of user selectable alarm settings	Yes	*
The machine should work on mains as well as on rechargeable battery	Yes	*
Ability to select energy from paddles	Yes	*
Ability to charge and discharge through paddles as well as from main unit	Yes	*
Facility for internal defibrillation	Yes	Yes
Charging time for maximum energy in seconds	5	*
Mechanism of self test of unit	Automatic and manual	*
Unit should do self test with facility to give printout of defibrillator testing report and also have code ready indicator on unit	Yes	*
Provision of stainless steel trolley with lockable castors	Yes	Yes
Suitability of defibrillator for transport on ground (ambulance)	Yes	Yes
Defibrillator suitable to use at high altitudes and in air craft	Yes	Yes

	Defibrillator should display selected energy	Yes	Yes
	Defibrillator should display delivered energy	Yes	Yes
	Suitability of defibrillator for transportation in air (aircraft)	Yes	Yes
	Availability of suitable protection for dust and water	Yes	Yes
Accessories	Li-ion Battery	1	1, Not provided
	ECG cable	1	1, 2, Not provided
	NIBP pediatric cuff with hose	1	1
	NIBP adult cuff with hose	1	1
	Reusable airway adaptor to be used with ETCO2 main stream / side stream sensor and cable	1	1
	Disposable airway adapter with EtCO2 mainstream sensor and cable	Not provided	One each for incubated and non intubated patient, 2 each for incubated and non incubated patient, Not provided
	External defibrillator paddles (pediatric in built in adult)	1	1
	Multi Function Defibrillator & Monitoring pads/gel sheets	5	10, 12, Not provided, 5
	Recorder paper roll	10	10
	Reusable CPR feedback sensor/or similar product reused	1	1, 2, Not provided
Miscellaneous Parameters	Warranty in years	5	5
	Original User / Technical manuals to be supplied in English in hard and soft copy	Yes	*
	Original copy of operating and service	Yes	*

manuals to be supplied in English in hard and soft copy		
Calibration and preventive maintenance certificate has to be provided as per requirement	Yes	*
Installation, Demonstration and training to be provided at consignee end at any part of country	Yes	*
The Principal Manufacturer Must Have Direct Presence/approved service center In India	Yes	*
Advanced maintenance task required shall be documented and procedures required for local calibration and routine maintenance and list of imp spare parts with accessories along with part numbers to be furnished	Yes	*
Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes	*
Provide Certificate from the principal that spare parts will be available from next 10 years at the time of supplies to the buyer	Yes	*
Copies of all certifications to be provided to buyer on demand at time of supplies	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	*****	*****HYDERABAD	1	21

Bid Specific Additional Terms and Conditions

1. Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

---Thank You---