

RA Document

RA Details	
RA Technical End Date/Time	20-07-2020 15:00:00
RA Opening Date/Time	20-07-2020 15:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Delhi
Department Name	Health And Family Welfare Department Delhi
Organisation Name	N/a
Office Name	Ambedkar Nagar Hospital Dakshin Puri Delhi 110062
Total Quantity	1
Item Category	Cardiac Monitor with defibrillator
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

RA splitting not applied.

Cardiac Monitor With Defibrillator (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
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Standards	Conformity to Certification	-	*
	Certification number and date	-	*
	Conformity to Manufactures Certification	ISO 9001 & ISO 13485	ISO 9001 & ISO 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, ECG Monitoring , defibrillation
	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	4	2, 3, 4
	Patient compatibility to defibrillate	Adult ,pediatric patients	Adult ,pediatric patients, Pediatric
	Type of display	TFT	TFT, LCD
	Size of display screen in inch	8.4	*
	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	No	Yes, No
	Ability to filter out CPR artefacts to see organised rhythms without interrupting	Yes	Yes, No

chest compression		
Provision of within built rechargeable battery	Yes	*
Battery backup to deliver number of shocks at maximum energy	50	*
Weight of defibrillator with battery and paddles in Kg	7	*
Provision of in built recorder	Yes	Yes, No
Provision of printing ECG trace & stored information	Yes	Yes
Facility of External non-invasive pacing	Yes	Yes, No
Type of external transcutaneous pacing modes	Both Demand mode and fixed mode	Demand mode, Fixed mode (asynchronous), Both Demand mode and fixed mode
Pulse width of External non-invasive pacing in milli seconds	40	40, NA
Ability to measure chest compression rate and depth in real time with visual feedback on screen with rate and depth indicator	Not Provided	Integrated with defibrillator, Defibrillator with external sensors, Not Provided
Facility to monitor EtCO2	No	Yes, No
Facility to monitor NIBP	Yes	Yes
Facility to monitor SPO2	Yes	Yes
Upgradability to monitor EtCO2	Yes	Yes, No
Upgradability to monitor NIBP	No	Yes, No
Upgradability to monitor SPO2	No	Yes, No
ECG monitoring	Using 5/6 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	No	Yes, No
Charging time for maximum energy in seconds	7	*
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, No
Suitability of defibrillator for transport on ground (ambulance)	Yes	Yes, No
Defibrillator suitable to use at high altitudes and in air craft	Yes	Yes, No
Defibrillator should display selected energy	Yes	Yes, No
Defibrillator should display delivered energy	Yes	Yes, No
Suitability of defibrillator for transportation in air (aircraft)	Yes	Yes, No
Availaibility of suitable protection for dust and water	Yes	Yes, No
Li-ion Battery	1	1, Not provided

	ECG cable	1	1, 2, Not provided
	NIBP pediatric cuff with hose	1	1, 2, Not provided
	NIBP adult cuff with hose	1	1, 2, Not provided
	Reusable airway adaptor to be used with ETCO2 main stream / side stream sensor and cable	Not provided	1, 2, Disposable airway adpater - 2 each for intubated and non intubated patient with EtCO2 mainstream sensor and cable, Not provided
	Disposable airway adpater 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, 2, Not provided
	Multi Function Defibrillator & Monitoring pads/gel sheets	5	10, 12, Not provided, 5
	Recorder paper roll	10	10, Not provided
	Reusable CPR feedback sensor/or similar product reused	Not provided	1, 2, Not provided
	Warranty in years	5	1, 2, 3, 4, 5
Miscellaneous Parameters	Original User / Technical manuals to be supplied in English in hard and soft copy	Yes	*
	Original copy of operating and service manuals to be supplied in English in hard and soft copy	Yes	*
	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

Consignee/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	Sudhir Kumar	110062, AMBEDKAR NAGAR HOSPITAL, DAKSHIN PURI, NEW DELHI	1	2	

Bid Specific Additional Terms and Conditions

- Provisions for workmen compensation, insurance, public liability, property damage, insurance etc. to be ensured by the contractor. Also, safety measures prescribed for working in Extra High Voltage & use of personnel protective equipment must be adhered to.

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

---Thank You---