

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 13:00:00
Bid Opening Date/Time	24-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	65 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Atomic Energy
Organisation Name	Nuclear Power Corporation Of India Limited
Office Name	Rajasthan
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
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.

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
	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	200	*
	Capability of ECG Monitoring	ECG leads , multi function electrodes , paddles	*
	Number of wave-forms	3	3
	Patient compatibility to defibrillate	Adult , pediatric patients	Adult , pediatric patients
	Type of display	TFT	TFT
	Size of display screen in inch	6.5	*
	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	Yes	Yes

without interrupting chest compression		
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	6.9	*
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	Integrated with defibrillator	Integrated with defibrillator
Facility to monitor EtCO2	No	No
Facility to monitor NIBP	No	No
Facility to monitor SPO2	No	No
Upgradability to monitor EtCO2	Yes	Yes
Upgradability to monitor NIBP	Yes	Yes
Upgradability to monitor SPO2	Yes	Yes
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	Yes	Yes
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
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

	ECG cable	1	1
	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	Not provided	Not provided
	Disposable airway adapter with EtCO2 mainstream sensor and cable	Not provided	Not provided
	External defibrillator paddles (pediatric in built in adult)	1	1
	Multi Function Defibrillator & Monitoring pads/gel sheets	12	12
	Recorder paper roll	10	10
	Reusable CPR feedback sensor/or similar product reused	1	1
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 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	Yes	*

	service center In India		
	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	Gyan Mal Khatik	323303, Contracts & Material Management, Rawatbhata Rajasthan Site, Anushakti Via-Kota (Rajasthan) Phone No. 01475-242002, 242048 Which is about 60 Kms. away from Kota.	1	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. 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.

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

---Thank You---