

RA Document

RA Details	
RA Technical End Date/Time	20-07-2020 17:00:00
RA Opening Date/Time	20-07-2020 17:30:00
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	4
Item Category	High Vacuum Suction Machine for medical purposes
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.

High Vacuum Suction Machine For Medical Purposes (4 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
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GENERAL FEATURES	Product description	High Vacuum suction machine -Medical (Aspiration unit)	*
	Clinical purpose	Suction may be used to clear the respiratory tract/airway of blood, saliva, vomit, or other secretions so that a patient may breathe, also to remove the blood from the area where surgery is to be carried out	*
	Application	Minor OT, Surgery, Intensive care unit, Emergency department, Wards, Obstetrics, Gastroenterology, Plastic surgery	*
MATERIAL & CONSTRUCTION	Material of cabinet (Base, top and panel)	ABS Plastic moulded	Epoxy powder coated Mild Steel (MS), Epoxy powder coated Mild Steel (MS) with SS Top, Complete SS body, ABS Plastic moulded
	Rust proof housing cabinet and castor wheels	Yes	*
	The unit is mounted in such a way as to produce minimum vibrations	Yes	*
	Material of twin jars/bottles	unbreakable Polysulfone (PS)	Glass, unbreakable Polycarbonate (PC), unbreakable Polysulfone (PS)
	Suction bottles/jars with Synthetic rubber lid and fitted with arrangement to prevent overflow of fluid to outside	Yes	*
	Capacity of each suction bottle/jar graduated (ml)	2500	1000, 1500, 2000, 2500, 4000
	Interconnected jar/bottle with overflow protection device	Yes	*
	Double overflow protection with safety device provided	Yes	*

	Non-collapsible suction tubing ID (mm)	10	8, 10
	Material of suction tube	PVC (Medical Grade)	PVC (Medical Grade), Silicon, PVC, Rubber as per Gr.1, Type A of IS:637/1965
	Minimum Length of suction tube (mtr)	2	*
	Flutter free vacuum control knob provided	Yes	*
	Bacterial suction filter/air filters and water traps between the suction bottle and suction pump provided	Yes	*
	Material of tray	Stainless Steel (SS)	*
	Vacuum Gauge (Bourdon tube type) with concentric scale marking in black on white background, mounted in panel, easily visible during use of machine	"6.25cm dia, 0 to 760mmHg"	"5 cm dia, 0 to 760mmHg", "6.25cm dia, 0 to 760mmHg", "7.5cm dia, 0 to 760mmHg", "10Cm dia, 0 to 760mmHg"
	Entire unit mounted on four castor wheels with minimum two breaks	Yes	*
	Material of castor wheels	Cast Iron	Rubber, Thermoplastic Rubber(TPR), Polyolefin, Polyurethane(PU), Nylon, Silicon, Cast Iron, Aluminium, Stainless Steel (SS)
	Facility for easy maintenance	Top open	*
	Size (HxWxL) (mmxmmxmm)	-	*
	Weight (Kg)	7 to 12	*
	Input power supply	220+/-10% V, 50Hz, Single phase AC	220+/-10% V, 50Hz, Single phase AC, 220+/-10% V, 50Hz, Single phase AC and also 12 V, DC battery operated
OPERATIONAL & TECHNICAL REQUIREMENTS	Power consumption (Watt)	1800	*
	Power indicator	Yes	*

	Integrated on/off switch on the trolley	Yes	*
	In-built maintenance free battery of suitable capacity provided	No	Yes, No
	Minimum battery backup on full charge (minutes)	NA	30, 60, NA
	Power cable for usage in ambulance/car provided	No	Yes, No
	Motor capacity (HP)	0.75	0.25, 0.5, 0.75, 1
	The motor shall conform to IS:996/1979	Yes	*
	Type of suction pump	Oil free	Oil immersed, Oil free
	Heavy duty motorized pump for fast vacuum built-up	Yes	*
	Minimum air flow displacement of suction pump (Ltrs/Minute)	25 to 30	25 to 30, 20 to 25, 31 to 50, 51 to 60, 75 or more, 61 to 75
	Built-up Vacuum (Maximum)	"-700 +/-10mmHg (-93kPa)"	"-600 +/-10mmHg (-80kPa)", "-700 +/-10mmHg (-93kPa)", "-713 +/-10mmHg (-95kPa)", "-720 +/-10mmHg (-96kPa)"
	Sound level (Maximum) (dB)	55	*
STANDARD ACCESSORIES	Compatible 3 core power cord with Indian plug	2 meter length	2 meter length, 5 meter length
	Jars/ Bottles (No)	2	*
	Suction tubing (set)	1	1, 2, 3
PACKING MODE	The product is packed individually in a wooden/corrugated box including all the accessories in such a way that there will be no transit damage during transportation till destination	Yes	*
ENVIRONMENTAL CONSIDERATIONS	Storage conditions	Temperature 0 deg C to 50 deg C, RH 10% to	*

		90%	
	Work or usage environment	Temperature 10 deg C to 50 deg C, RH 10% to 90%	*
MARKING	Product is ISI Marked	No	Yes, No
	BIS License No (CM/L No)	No	*
CERTIFICATIONS & REPORTS	Submission of Test Report from OEM complying the declared specification at the time of supply	YES	*
	Product certification	EU-CE	*
	Four digit number of notified body If product is EU-CE certified	-	*
	Certificate No	-	*
	Certificate Date	-	*
	Certificate issuing authority	-	*
	Certification, performance and safety standards specific to the device	IEC 60601-1:2012	*
	Submission of all the certifications and test reports to the buyer along with supplies on demand	Yes	*
WARRANTY & MAINTENANCE	Onsite Warranty (Year)	2	2, 3, 4, 5 Or higher
	User technical and maintenance manual detailing complete maintaining schedule with routine maintenance should be provided	Yes	*
	Contact details of manufacturer, supplier and local service agent to be provided	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	4	2	

Bid Specific Additional Terms and Conditions

1. 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---