



महाराष्ट्र शासन
कार्यालय जिल्हा शल्यचिकित्सक, छत्रपती संभाजीनगर.

भांडार विभाग, विमान तळा समोर, चिकलठाणा,
छत्रपती संभाजीनगर

Email ID: - csaurangabad2@gmail.com

Quotations No. 09

Equipment & Instruments

क्रमांक: - जिशचि औबाद/ अवे. भांडार/२०२४-२५/ 20004 -05

दिनांक: - 8-8-2024

दरपत्रक सादर करण्याचा कालावधी

तपशील	कालावधी
दरपत्रक सादर करण्याचा कालावधी :-	दिनांक 0/10/2024 ते दिनांक 16/10/2024 रोजी १७.०० वाजेपर्यंत
दरपत्रके उघडण्याचा दिनांक व वेळ :-	दिनांक 18/10/2024 रोजी १४.०० वाजता.

जिल्हा शल्य चिकित्सक जिल्हा रुग्णालय छत्रपती संभाजीनगर करीता खालील सामुग्री खरेदी करावयाची आहे तरी इच्छुक पुरवठादाराकडून विहित नमुन्यात दरपत्रके मागवित आहे.

Sr. No	Name of Material	Specification	Quantity
01	B.P. Apparatus	As per List Attached	17
02	Weight Machine	As per List Attached	34
03	Glucometer With Strip	As per List Attached	17
04	Torch	As per List Attached	17
05	Thermometer	As per List Attached	17
06	Steel Tray	As per List Attached	51
07	Hub Cutter	As per List Attached	51
08	Nebulizer	As per List Attached	17

उपरोक्त नमुद केलेल्या बाबी च्या संख्ये मध्ये कार्यक्रमाच्या आवश्यकते नुसार कमी अथवा जास्त करण्याचा, तसेच कोणतेही दरपत्रक मान्य करणे अथवा कोणतेही कारण न देता अमान्य करण्याचा अधिकार निम्न स्वाक्षरीतांनी राखून ठेवलेला आहे.

दिनांक :- 8 OCT 2024
स्थळ :- छत्रपती संभाजीनगर

(डॉ. डी. एम. मोतीपवळे)
जिल्हा शल्यचिकित्सक

जिल्हा रुग्णालय, छत्रपती संभाजीनगर

To be submitted on Original Letter head/pad

दरपत्रकाच्या अटी व शर्ती: -

- 1) इच्छुक पुरवठादारांनी उपरोक्त बाबींचे दर सर्व करांसहीत नमुद करावे. जीएसटी, वाहतुक, व इतर खर्च या सर्व बाबींचा अंतर्भाव दरांमध्ये असावा (Rate should be inclusive all charges) हा खर्च वेगळा नमुद करू नये.
- 2) सादर दरपत्रके दिनांक /१०/२०२४ ते /१०/२०२४ या कालावधीत कार्यालयीन वेळेत सकाळी ९.४५ ते १८.१५ या वेळेत स्विकारले जातील. दरपत्रके स्वीकारण्याची अंतीम मुदत दिनांक /१०/२०२४ रोजी वेळ १७.०० वाजे पर्यंत राहिल.
- 3) दरपत्रका मध्ये नमुद केलेले दर बाजारभावा पेक्षा जास्त असू नये. दरपत्रकात नमुद केलेले दर अवास्तव असल्यास वाटाघाटीने दर निश्चित करण्याचा अधिकार स्वाक्षरीतांना आहे.
- 4) दरपत्रकातील सर्व साहित्यांचे नमुने (sample) दर पत्रकाच्या शेवटच्या दिनांकाच्या आत सादर करून मंजूर करून घेणे. साहित्यांचे नमुने (sample) मंजूर न केल्यास आपले दरपत्रक ग्राह्य राहणार नाही.
- 5) पुरवठा केलेल्या साहित्य योग्य दर्जाचे नसल्याचे निदर्शनास आल्यास देयकाची रक्कम अदा करण्यात येणार नाही, पुरवठा करावयाच्या बाबींची वॉरंटी किमान एक वर्ष (१२ महिने) राहिल.
- 6) खरेदी प्राधीकाऱ्यासोबत हितसंबंधा बाबत संघर्ष नसल्याबाबतचे हमीपत्र दरपत्रका सोबत सादर करणे बंधनकारक आहे.
- 7) दरपत्रकात नमुद केलेले दर दरपत्रके मान्य झालेले दिनांका पासून एक वर्षाच्या कालावधी साठी वैध राहतील. आवश्यकते नुसार परत आदेश आणि पुनर्प्रत्ययी आदेश Repeat Order देण्यात येतील.
- 8) कोणत्याही बाबींसाठी आगाऊ रक्कम दिली जाणार नाही.
- 9) पुरवठादाराने स्वतःच्या वेगळ्या अटी व शर्ती नमुद करू नये असे केल्यास दरपत्रक बाद ठरविले जाईल.
- 10) दरपत्रकात नमुद केलेल्या बाबी च्या संख्ये मध्ये कार्यक्रमाच्या आवश्यकते नुसार कमी अथवा जास्त करण्याचा, तसेच कोणतीही दरपत्रक मान्य करणे अथवा कोणतेही कारण न देता अमान्य करण्याचा अधिकार निम्न स्वाक्षरीतांनी राखून ठेवलेला आहे.
- 11) ज्या यशस्वी पुरवठादाराचे दर स्वीकृत होतील त्यांना पुरवठा आदेशाच्या एकुण ३% रक्कम सुरक्षा ठेव रक्कम (Security Deposit) Nationalized or schedule Bank चे Demand Draft स्वरूपात Civil Surgeon, District Hospital, Chhtrapati Sambhajinagar. या नावाने payable at Chhtrapati Shambhajinagar देय राहिल. पुरवठादाराने विहित कालावधीत पुरवठा न केल्यास, समाधानकारक सेवा, सुविधा न पुरविल्यास ही रक्कम Warranty कालावधी संपल्यानंतर परत देय राहिल. निविदाकाराने पुरवठा कालावधीत रुग्णालयाचे काही नुकसान केले असेल अथवा काही दंडनीय रक्कम वसूल करावयाची असेल तर ती रक्कम सुरक्षा ठेव मधुन कोणतीही पुर्व सुचना न देता वसूल केली जाईल.
- 12) दरपत्रक सादर करणाऱ्या पुरवठादाराने दर स्विकृत करण्यासाठी कोणत्याही पध्दतीने दबावतंत्राचा वापर केल्याचे निदर्शनास आल्यास कोणतीही पुर्वसुचना न देता दरपत्रक नाकारण्यात येईल.
- 13) दरपत्रके सादर करतांना दोन निफाफे पध्दतीने सादर करावे, एक लिफाफा तांत्रिक लिफाफा व दुसरा लिफाफा दरपत्रक असे नमुद करावे असे दोन्ही लिफाफे एका लिफाफयात टाकुन त्यावर Instruments & Equipments” दरपत्रके ”असे नमुद करावे.
- 14) खालील स्वयंसाक्षांकित केलेल्या प्रमाणपत्रांच्या प्रती दरपत्रका सोबत सादर कराव्यात.

1. Valid Shop & Establishment Act License/MSME
2. Pan Card
3. Authorization Certificate from OEM.
4. GST Certificate

5. ISO Certificate
6. Bank Details for RTGS/NEFT (सोबत नमुना दिलेला आहे.)
7. खरेदी प्राधिकार्या सोबत हितसंबंधाबाबत संघर्ष नसल्या बाबतचे हमीपत्र.(सोबत नमुना दिलेला आहे.)
8. Quotation of Rate दरपत्रक (सोबत नमुना दिलेला आहे.)

उपरोक्त नमुद केलेल्या अटी व शर्ती मला मान्य आहेत त्यानुसार मी दरपत्रक सादर करीत आहे.

दिनांक :-

स्थळ :-

दरपत्रक सादर कर्त्याची स्वाक्षरी व शिक्का

Details of Bank for RTGS/NEFT Payment

1	Name of firm	
2	Postal Address	
3	Pin code	
4	Pan Card No.	
5	E-Mail I.D.	
6	Contact No.	
7	Mobile No.	
8	Name of Bank	
9	Bank Address	
10	Branch name & Code	
11	Bank Account No.	
12	Nature of Account	
13	IFSC Code	
14	MICR Code	

Above information is correct as per our record.

Date:

Seal:

Sign & Stamp of Bidder

निविदाकाराने सादर करावयाचे हमीपत्र

महाराष्ट्र शासन, उद्योग उर्जा व कामगार विभाग

शासन निर्णय क्र. भांखस-२०१४/प्र.क्र.८२/भाग॥/उद्योग-४, दिनांक ०१ डिसेंबर २०१६.

नियम क्र.४:२:५ नुसार.

मी / आम्ही _____

या हमीपत्राद्वारे लिहून देतो की, दरपत्रक मागविणाऱ्या खरेदी प्राधिकार्या बरोबर कोणत्याही प्रकारे हितसंबंध नसून हितसंबंधाबाबत संघर्ष नाही. तसेच खरेदी प्राधिकार्याकडे सादर करण्यात आलेले दरपत्रक हे एकल असून दुसऱ्या कोणत्याही संस्थे सोबत संयुक्तरित्या किंवा संगनमताने साखळी करून भरलेले नाही. असे आढळून आल्यास नियमानुसार योग्य त्या दंडात्मक कार्यवाहीसाठी मी पात्र राहिल.

दिनांक:-

स्थळ :-

निविदाकाराची स्वाक्षरी

Format for Quotation

(Supplier should Submit Sealed quotation on her/his own letter pad)

Date- /10/2024

To,
Civil Surgeon,
District Hospital, Chhatrapati Sambhajanagar.

Sub: - Submission of Quotations

Ref: - Your Office Notice Dated / /

Respected Sir,

As per above reference, I/we are herewith submitting quotation for the supply of following Medicine / items.

Sr. No.	Name of Material	Rate Per Unit
01	B.P. Apparatus	
02	Weight Machine	
03	Glucometer With Strip	
04	Torch	
05	Thermometer	
06	Steel Tray	
07	Hub Cutter	
08	Nebulizer	

Note: - Rates are inclusive of all Taxes, Store delivery basis.

Certificate

I under signed hereby certified that, above rates are not exceed than MRP or current market Rates. I accept all terms & Conditions without any complaint. Submitted all information & Documents are true. I am responsible for any fraudulent submission & liable to any punishment.

Sign & Stamp of Bidder.

Technical Specification of Digital BP Apparatus

Sr. No	Technical specification
1	Fully Automatic inflation and deflation
2	Hypertension indicator (Above 140 Systolic/ 90 diastolic)
3	Memory for at least 5 sets of last readings
4	Display Digital. Machine should be portable
5	BP Measurement Range - (0- 299) mm of Hg
6	Pulse recorder - 40 - 180 beats/ min
7	Accuracy : Pressure + 4 mm of Hg Pulse reading + 5% of reading
8	Inflation : Electric Pump
9	Deflation : Automatic pressure relax value
10	Power Supply : 4 AA Battery 1.5 V (Rechargeable batteries +charger)
11	Battery life : Approximately 300 measurements
12	Operating Temperature - 10 to 40 degree Celsius
13	Cuff Material : (Double stitched) Nylon or Polyester
14	Medium Size cuff Qty- 02Nos., Large Size cuff Qty- 01No.with arterial indicator
15	2 years Manufacturer warranty
16	Laminated pictorial user Manual
17	ISO certificated

Patil
Dr. P. V. Patil
Associate Professor
Medicine
G.M.C.

S.D. Bhaisare
Dr. S. D. Bhaisare
Associate Professor,
Medicine
G.M.C. & Sr JJ Group of
Hospitals, Mumbai

Arrol Waddekar
Arrol Waddekar
Biomedical Engg.
R. R. Sri. Amravati

Dr. Ashraf
Dr. Ashraf
D. Ashraf Mulk
Phys. & Ch-E
J. M. Hospital
Thane

Dr. Chandan
Dr. Chandan
Dr. Chandan
Physician (CHC-2)

STETHOSCOPE

Version no. :	1.0
Date:	8/5/2013
Done by : (name / institution)	HCT/ NHSRC

NAME AND CODING

GMDN name	Stethoscopes
GMDN code(s)	CT1930
GMDN definition	A mechanical listening device designed for listening to sounds from the heart, lungs, and/or gastrointestinal tract. It typically comprises a membrane at the listening head connected by a split "Y" tube to the headgear with ear olives that are placed into the users ears. Mechanical stethoscopes are typically found in two variants 1) a general-purpose stethoscope used for clinical/ward activities; or 2) a reinforced stethoscope used by cardiologists.

GENERAL

1. USE

1.1	Clinical purpose	Listening to sounds from the heart, lungs, and/or gastrointestinal tract.
1.2	Used by clinical department/ward	All
1.3	Overview of functional requirements	

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	Stethoscope of standard size, chromium plated metal binaural, V rubber tube in one piece. Rotating piper fitting for both flip functions.
2.2	Settings	NA
2.3	User's interface	Manual
2.4	Software and/or standard of communication(where ever required)	NA
2.5	Others	NA

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions (metric)	Diaphragm approx: 20 mm.
3.2	Weight (lbs, kg)	NA
3.3	Configuration	NA
3.4	Noise (in dBA)	NA
3.5	heat dissipation	NA
3.6	Mobility, portability	Portable

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO₂)

4.1	Power Requirements	NA
4.2	Battery operated	NA
4.3	Tolerance (to variations, shutdowns)	NA

4.4	Protection	NA
4.5	Power consumption	NA
4.6	Other energy supplies	NA
5. ACCESSORIES, SPARE PARTS, CONSUMABLES		
5.1	Accessories & Spares	1 x spare set of earpiece, 1 x spare diaphragm.
5.2	Consumables / reagents (open, closed system)	NA
5.3	Others	NA
BIDDING / PROCUREMENT TERMS / DONATION REQUIREMENTS		
6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere / Ambiance (air conditioning, humidity, dust ...)	Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.
6.2	User's care, Cleaning, Disinfection & Sterility issues	NA
6.3	Others	NA
7. STANDARDS AND SAFETY		
7.1	Certifications	By ISO 9001 certified manufacturer.
8. TRAINING AND INSTALLATION		
8.1	Pre-installation requirements: nature, values, quality, tolerance	NA
8.2	Requirements for sign-off	NA
8.3	Training of staff (medical, paramedical, technicians)	NA
8.4	Others	NA
9. WARRANTY AND MAINTENANCE		
9.1	Warranty	1 year
9.2	Maintenance tasks	NA
9.3	Service contract clauses, including prices	NA
9.4	Others	NA
10. DOCUMENTATION		
10.1	Operating manuals, service manuals, other manuals	NA
10.2	Other accompanying documents	NA
10.3	Recommendations for maintenance	NA
10.4	Others	NA
11. NOTES		
11.1	Service Support Contact details (Hierarchy Wise; including a toll free/ landline number)	NA
11.2	Recommendations or warnings	NA

Electronic Donor Weighing Scale

Construction

Material	Polycarbonate
Mounting type	Pannel Mount
Weight	130 kilogram

Generic

Microprocessor	yes
Weight Indicator Warranty	6 year
Input Voltage(DC)	24 Volt
Portable	yes
Color	Black
Display Type	Digital
Communication Port	USB
Maximum operating temperature	40 degree Celsius
Minimum Operating temperature	-5 degree Celsius
Number Of Digits display	4-1/2

Performance Parameter

Automation Grade	Automatic
Response Time(Approx)	=<100 milliseconds
Minimum Accuracy	1 percent
Memory storage for results	=<10000

Dimensions

Height	50 millimeter
Depth	50 millimeter

Width	100 millimeter
Certificate	
European CE/ US FDA	YES
ISO	YES

GLUCOMETER with glucostrips

1. USE	
1.1	Clinical purpose It intended to be used together for testing, either at the point-of-care or in self-testing by a layperson, for the quantitative measurement of glucose and/or ketones in a whole blood clinical specimen.
1.2	Used by clinical department/ ward All
2. TECHNICAL CHARACTERISTICS	
2.1	Technical characteristics (specific to this type of device) Should have reading range/linearity from 30 to 600 mg/dl; Should have a maximum reading time of less than 10 seconds; Should use a minimum blood sample less than 1.5µl; Should have a minimum memory of 50 tests; accuracy +/-10% and reproducibility +/-5%; Packing of strips should be such that there are not more than 50 strips/pack. The strips should be readily available throughout the country;
2.2	Settings Should have automatic code detection facility , display of sugar in Mg/dl and NOT in mili moles.
2.3	User's interface LCD display
2.4	Software and/or standard of communication (where ever required) inbuilt; .Should have facility to ensure accuracy of measurements.
3. PHYSICAL CHARACTERISTICS	
3.1	Dimensions (metric) Handheld device
3.2	Weight (lbs, kg) Handheld device
3.3	Configuration Electrochemical/colorimetric/color sensing technology.
3.4	Noise (In dBA), heat dissipation NA
3.5	Mobility, portability Handheld
4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2	
4.1	Power Requirements Battery powered
4.2	Battery operated 3-volt lithium coin cell battery or 2 x (AAA) Alkaline Batteries.

JSBC
 राज्य सरकार व विभाग प्रमुख
 स्वास्थ्य विभाग
 राजस्थान सरकार

AS
 सहयोगी प्राध्यापक
 नवजात शिशु चिकित्सा शास्त्र,
 शासकीय वैद्यकीय महाविद्यालय

Mu
 Professor and Head
 Department Of Neonatology
 Govt. Medical College.

4.3	Tolerance (to variations, shutdowns)	NA
4.4	Protection	NA
4.5	Power consumption	NA
4.6	Other energy supplies	NA
5. ACCESSORIES, SPARE PARTS, CONSUMABLES		
5.1	Accessories & Spare parts	NA
5.2	Consumables/reagents (open, closed system)	Glucose strips(able to use capillary blood samples) with availability in local market, shelf life of strips should be 12 months, the cost of strips for the next five years should be declared (for cost comparison)- with use of two strips/ day.
6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere/Ambiance (air conditioning, humidity, dust...)	Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.
6.2	User's care, Cleaning, Disinfection & Sterility issues	The unit should be cleanable with alcohol.
7. STANDARDS AND SAFETY		
7.1	Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type); Local and/or international	US FDA or CE (EU) and BIS or ISO 13485 certified.
8. TRAINING AND INSTALLATION		
8.1	Pre-installation requirements: nature, values, quality, tolerance	NA
8.2	Requirements for sign-off	NA
8.3	Training of staff (medical, paramedical, technicians)	Required
9. WARRANTY AND MAINTENANCE		
9.1	Warranty	2 years; shelf life of minimum 12 months for strips from the date of manufacture; strips should work minimum 3 months from opening of pack.
9.2	Maintenance tasks	Should require no routine maintenance.
9.3	Service contract clauses, including prices	Should have life time replacement offer.
10. DOCUMENTATION		
10.1	Operating manuals, service manuals, other manuals	Required
10.3	Recommendations for maintenance	To Be provided during installation
11. NOTES		
11.1	Service Support Contact details (Hierchy Wise; including a toll free/landline number)	Should provide complete contact details of sales and service departments.
11.2	Recommendations or warnings	

JPAC
 प्राध्यापक व विभाग प्रमुख
 नरजगत सिखु चिकित्सा शास्त्र विभाग
 संत कबीर मेमोरियल मेडिकल कॉलेज

Ag
 सहयोगी प्राध्यापक
 नरजगत सिखु चिकित्सा शास्त्र.

Mur
 Professor and Head
 Department Of Neonatology
 Govt. Medical College

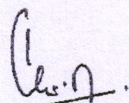
CIVIL HOSPITAL ~~MIRAJ~~ ch. Sambhaji Nagar

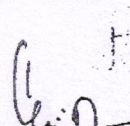
REQUIRED PRODUCTS SPECIFICATIONS AND ITS QTY.


SR NO.	NAME OF PRODUCTS	SPECIFICATION OF PRODUCTS	QTY
14	Torch (1-2)	<ul style="list-style-type: none">• Operation – Battery Operated• Color – Any• Shape – Round• Usage - Useful for Dentist & doctors• Item weight - 150	02

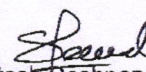
TECHNICAL SPECIFICATIONS "Thermometer digital"

GMDN name		Electronic Patient Thermometers
GMDN code		CT1954
1	Clinical purpose	to measure body temperature
2	Used by clinical department/ward	All
3	Technical characteristics (specific to this type of device)	
	1) Range of temperature measurement 320C- 420 (89.60F-109.40F). 2) Can be calibrated in both centigrade and Fahrenheit, but if only one option is available, then Fahrenheit is preferable. 3) Buzzer signal function. 4) Takes 60-90 seconds to measure temperature. 5) Can be used in the armpit/maxilla, orally and rectally. 6) Accuracy of temperature ± 0.1 degC and ± 0.2 F.	
4	User's interface	LCD display
5	Software and/or Standard of Communication (Where ever required)	inbuilt
6	Mobility, portability	Portable
7	Battery operated	Yes
8	Tolerance (to variations, shutdowns)	± 0.1 deg C
9	Accessories (mandatory)	Batteries 2 Nos
10	Certificates	CE OR US FDA approved product. Manufacturer should have ISO certificate for quality standard. Certificate of Calibration and inspection from the factory.
11	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenance shall be provided
12	Warranty	One Years
1 Specification Done by :		Technical Specification Committee established, as per Govt of Maharashtra, Public Health Department G.R. Dated 11 March 2016
End user Specialist Meeting Date :		07/09/2017
Panel Specialist Meeting Date :		/09/2017


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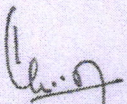

 (Dr. Rajendra Patil)
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PHYSICIAN
 Medical Sudt
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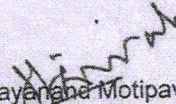
Steel
~~Catheter~~ Tray"


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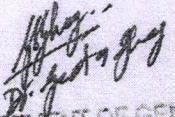
GMDN name	Tray, Instrument SS with cover	
1	Clinical purpose	To keep surgical instruments
2	Used by clinical department/ward	Operation Theater, Wards
3	Technical characteristics (specific to this type of device)	
	1) Tray, instruments, 225 x 125 x 50mm, with cover. Seamless tray with cover, rectangular with rounded corners, smooth surface 2) Material: Austenitic stainless steel composition: 18 to 20% holmium, 8 to 10% nickel 3) Length: 215-235 mm. Width 120-130 mm. Height: 45-50 mm. Thickness: 0.75 - 0.85mm. 4) Artery Forceps Curved 8" - Qty 02 Nos 5) Sponge Holding forceps 10" - Qty 02 Nos 6) Bowel 50ml - Qty 01 Nos	
4	User's interface	Manual
5	Dimensions (metric)	Estimated volume: 0.115 m3
6	Weight (lbs, kg)	Estimated weight: 0.525 kg
7	Mobility, portability	Yes
8	Atmosphere / Ambiance (air conditioning, humidity, dust)	Operating room temp. Up to 40 °C Storage room temp. Up to 60 °C Relative Humidity Up to 90% non condensing
9	User's care, Cleaning, Disinfection & Sterility issues	The case is to be cleanable with alcohol.(autoclavable)
10	Certificates	The company should be ISO certified and products should be ISI mark.
11	Warranty	Two Years
	Specification Done by :	Technical Specification Committee established, as per Govt of Maharashtra, Public Health Department G.R. Dated 11 March 2016
	End user Specialist Meeting Date :	04/09/2017
	Panel Specialist Meeting Date :	10/09/2017

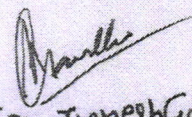

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(Dr. Jignesh Gandhi)
ASSOCIATE PROFESSOR
Department of General Surgery
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K.E.M. Hospital, Parel,
Mumbai - 400 012.

TECHNICAL SPECIFICATIONS* Needle Cum Syringe Destroyer *

S.No	GMDN Name	Needle Cum Syringe Destroyer
1	Clinical Purpose	To destroy needle & syringe in single action and collect sharp waste in sharp container as per BMW rule 2016
2	Used by clinical Department/ Ward	All Departments & Wards
3	Technical Characteristics (Specific to this type of device)	
	<p>Should be able to cut both the hub and needle in a single stroke without the use of any electricity or battery.</p> <p>The cutter should be made of Stainless steel or alloy to be effective for at least 1,00,000 cuts with ergonomic design for easy cuts.</p> <p>The complete unit must have facility to mount on wall or table (Flat Surface).</p> <p>The cutter should be able to fit snugly over the puncture proof, tamper proof sharp container and should be so aligned with the container that the cut hub and needle should drop directly into the container.</p> <p>Should be rectangular in shape & compatible to the sharp container of relevant sizes.</p> <p>The needle and syringe hub destroyer as well as the compatible Sharp containers must be quoted.</p>	
4	User's Interface	Manual
5	Dimensions (Minimum)	L165mm x W160mm x H 180mm (Excluding Handle)
6	Expected Life	1,00,000 Cuts
7	Material	Body Stainless Steel & Alloy Steel
8	Sharp Container capacity	1500ml compatible to cutter
9	Mobility, Portability	Portable
10	Power Requirements	NIL
14	Accessories (Mandatory)	Sharp Containers
15	Quality Certificates	CE European and ISO 13485:2013 certified & Manufacturer ISO 9001:2015

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 Assistant Professor
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 Professor
CIVIL SURGEON, THANE
 Department of Mechanical Engineering,
 College of Engineering, Pune.

P/5
P/17

Technical Specification -- Nebuliser

Sr.no	Technical Specification
1	Should be lightweight, portable and compact.
2	Should have a dust filter.
3	Should be able to deliver a flow rate ≥ 7 lpm
4	Should have air pressure ≥ 35 psi.
5	Should have a check valve to protect the device against contamination due to backward inhalation
6	Should be compatible for continuous use
7	Should works on 200-240Vac/50Hz.
8	Should be supplied with nebulization accessory kit with mask for adult and paediatric - 2 nos. each
9	Nebulization mask for adult and paediatric - 10 nos. each

It is a simple nebulizer for home use and