

09.09.2019

TAMILNADU MEDICAL SERVICES CORPORATION LTD.,
TENDER FOR FIXING RATE CONTRACT FOR SUPPLY OF SUCTION MACHINE -
ELECTRICAL AND MANUAL RESUSCITATOR TO VARIOUS GOVT. INSTITUTIONS
TENDER NO.512/SUC/RC/TNMSC/ENGG/2019, DT.31.07.2019
CORRIGENDUM

a) The following corrigendum are issued:-

Sl. No.	Tender document reference	Instead	Read as
1.	Page No.52 Section V: Schedule of Requirements	Existing Text	Revised Text at Annexure - I
2.	Page No.54 to 56 Section VI: Technical Specification 1. Specification for Suction Machine - Electrical	Existing Text	Revised Text at Annexure - II
3.	Page No.62 Section VII: Bid Form and Price Schedule Price Schedule	Existing Text	Revised Text at Annexure - III

All other terms and conditions of the tender remain unaltered.

The above forms part of the bidding documents. The bidder shall attach the copy of this corrigendum duly signed by their authorized signatory, in their bid.

Sd/-
General Manager (E)

**SECTION – V - REVISED
SCHEDULE OF REQUIREMENTS**

Sch. No.	Brief Description	Unit	Tentative Qty.	Bid security (Rs.)
1A.	Suction Machine - Electrical (Type – I) as per specification	Nos.	75	Rs.13,000/-
1B.	Suction Machine - Electrical (Type – II) as per specification			
2.	Manual Resuscitator – Adult as per specification	Nos.	50	Rs.1,000/-
3.	Manual Resuscitator – Pediatric as per specification	Nos.	50	Rs.1,000/-

Delivery Schedule: - 30 days from the date of purchase order for the full quantity and for increased quantity the delivery period will be increased proportionately.

Place of Delivery:- Delivery places will be intimated at the time of placement of order.

Important Note:

- a. The bidder may quote the prices for any one of the option or both options separately for schedule no.1. Not quoting of any option will not be disqualification.
- b. However, the purchaser reserves the rights to order to any one of the option or combinations at their full discretion based on price differential, the relative advantage of prices with respect to higher specification and end user requirement.

Note :

- 1) The rate contract should be valid for a period of 2 years from the date of acceptance of the tender and extendable for further period on mutual acceptance.
- 2) The quantity indicated is tentative and will vary as per the actual requirement during the rate contract period. The supplier should have no claim against the purchase on the actual quantity of orders placed during the rate contract period.
- 3) During the rate contract period, further quantity may be ordered for any other Govt. Medical Institutions at the same rate and terms & conditions.

1A. SPECIFICATION FOR SUCTION MACHINE – ELECTRICAL (TYPE – I)

A. Purpose

Assembly of devices designed to evacuate fluids, tissue, gas or other foreign materials from a body cavity or lumen by means of suction.

B1. Technical Requirements

1. Apparatus should consist of the following
 - a. AC- powered suction pump
 - b. Tubing
 - c. Glass collection containers- 2 nos.
 - d. Vacuum gauge
 - e. Vacuum control knob
 - f. Overflow trap
 - g. Moisture filter- microbial filter
2. Continuous vacuum adjustment mode
3. Must be able to generate a vacuum of at least 0.85 bar (650 mmHg)
4. Maximum vacuum: 700 mmHg
5. Minimum open tube flow rate at let 5 litres liquid per minute
6. Twin suction bottles, minimum 3 litres each, should be autoclavable.
7. Bottles to have an automatic cut off when full to prevent ingress of fluid to motor
8. Air line to pump should incorporate bacterial filter
9. Tubing to patient should be minimum 3 metre long, non- collapsible type
10. Sound level less than 70 dBA
11. Unit should be mount on uni-directional, antistatic castors of 75 mm diameter
12. Easily visible control panel should include
 - a. Power on indicator
 - b. Vacuum control valve
 - c. Vacuum gauge
13. Protective fuses fitted on live and neutral supply lines
14. Protection against over- voltage and over- current line conditions

B2.Physical Requirements

1. Mobile type, castors with brakes

B3.Utility Requirements

1. Main power supply: 220 V, AC, 50 Hz, single phase

B4.Environment conditions

1. Equipment should be suitable for operation in temperature from 10° C to 45° C with a relative humidity of 100%
2. Equipment offered shall be adequately protected against and be able to withstand prevailing climate of Tamil Nadu during storage and transportation

C. Safety & Standards (Relevant copies should be submitted with the technical bid)

1. ISO certification for medical devices- quality management systems for the manufacturer and bidder
2. ISO certification for medical devices- good manufacturing practices for the manufacturer of the product
3. Should meet IEC 60601 or equivalent BIS standard for General Requirements of safety for electromagnetic compatibility.
4. Should conform to ISI/ EUMDD/European CE or USFDA with necessary marking on the product.

D. Scope of supply for each consignee

1. Suction apparatus assembled with all the standard parts and accessories
2. Power cord-1
3. Spare suction bottles- 2
4. Spare inlet filters- 10
5. Spare seals for storage jars- 2
6. Spare fuses- 2
7. User manual with basic troubleshooting guide and first line maintenance instructions, English
8. Checklist with procedure for routine maintenance
9. List of important spare and accessories

10. Copy of Quality Check clearance report for electrical and functional tests for the product
11. Contact details of service agency authorized by the supplier for the product
12. Installation, Safety and operation checks before handover by the supplier, completion to be affirmed by the end user.
13. Training of end users in operation and basic maintenance of the product

1B. SPECIFICATION FOR SUCTION MACHINE – ELECTRICAL (TYPE – II)

A. Purpose

Assembly of devices designed to evacuate fluids, tissue, gas or other foreign materials from a body cavity or lumen by means of suction.

B1. Technical Requirements

1. Apparatus should consist of the following
 - a. AC- powered suction pump
 - b. Tubing
 - c. Glass collection containers- 2 nos.
 - d. Vacuum gauge
 - e. Vacuum control knob
 - f. Overflow trap
 - g. Moisture filter- microbial filter
2. Continuous vacuum adjustment mode
3. Must be able to generate a vacuum of at least 0.85 bar (650 mmHg)
4. Maximum vacuum: 700 mmHg
5. Minimum open tube flow rate at let 5 litres liquid per minute
- 6. 2 litres polycarbonate container light / unbreakable and autoclavable.**
7. Bottles to have an automatic cut off when full to prevent ingress of fluid to motor
- 8. Suction drains out all waste products/residue from the body.**
9. Tubing to patient should be minimum 3 metre long, non- collapsible type
10. Sound level less than 70 dBA
11. Unit should be mount on uni-directional, antistatic castors of 75 mm diameter
12. Easily visible control panel should include

- a. Power on indicator
 - b. Vacuum control valve
 - c. Vacuum gauge
13. Protective fuses fitted on live and neutral supply lines
14. Protection against over- voltage and over- current line conditions

B2.Physical Requirements

- 1. Mobile type – 3” rubber wheels to withstand the weight of the suction.**

B3.Utility Requirements

- 1. Main power supply: 220 V, AC, 50 Hz, single phase

B4.Environment conditions

- 1. Equipment should be suitable for operation in temperature from 10° C to 45° C with a relative humidity of 100%
- 2. Equipment offered shall be adequately protected against and be able to withstand prevailing climate of Tamil Nadu during storage and transportation

C. Safety & Standards (Relevant copies should be submitted with the technical bid)

- 1. ISO certification for medical devices- quality management systems for the manufacturer and bidder
- 2. ISO certification for medical devices- good manufacturing practices for the manufacturer of the product
- 3. Should meet IEC 60601 or equivalent BIS standard for General Requirements of safety for electromagnetic compatibility.
- 4. Should conform to ISI/ EUMDD/European CE or USFDA with necessary marking on the product.

D. Scope of supply for each consignee

- 1. Suction apparatus assembled with all the standard parts and accessories: specify the quoted accessories**
- 2. User manual with basic troubleshooting guide and first line maintenance instructions, English
- 3. Checklist with procedure for routine maintenance
- 4. List of important spare and accessories

5. Copy of Quality Check clearance report for electrical and functional tests for the product
6. Contact details of service agency authorized by the supplier for the product
7. Installation, Safety and operation checks before handover by the supplier, completion to be affirmed by the end user.
8. Training of end users in operation and basic maintenance of the product

PRICE SCHEDULE - REVISED

1	2	3	4	5					6	7	8
				PRICE FOR EACH UNIT							
Sch No.	Item Description	Country of origin	Quantity & Unit	Ex-factory Ex-warehouse Ex-showroom off-the shelf for CIF (a)	Packing & forwarding (b)	Inland transport, Insurance and Incidental costs incidental to delivery ©	Incidental services as listed in clause 7 of SCC (d)	Custom s duty (e)	Unit price a+b+c+d+e	Total price per schedule for delivery at final destination (4 x 6)	GST – IGST/CGS T/ SGST payable if contract is awarded
1A.	Suction Machine - Electrical (Type – I) as per specification		75 Nos.								
1B.	Suction Machine - Electrical (Type – II) as per specification		75 Nos.								
2.	Manual Resuscitator – Adult as per specification		50 Nos.								
3.	Manual Resuscitator – Pediatric as per specification		50 Nos.								

i. Unit price in (6) (Rs. in words)

- 1A. Suction Machine - Electrical (Type – I) as per specification with HSN code/ rate of GST.....
- 1B. Suction Machine - Electrical (Type – II) as per specification with HSN code/ rate of GST.....
2. Manual Resuscitator - Adult as per specification with HSN code/ rate of GST.....
3. Maul Resuscitator - Pediatric as per specification with HSN code/ rate of GST.....

a) Annual Maintenance Charges (labour only) per year /per unit for 7 years after 3 years free warranty maintenance period

- 1A. Suction Machine - Electrical (Type – I) as per specification with HSN code/ rate of GST.....
- 1B. Suction Machine - Electrical (Type – II) as per specification with HSN code/ rate of GST.....

b) Annual Maintenance Charges (Comprehensive) for 7 years / per year / per unit after free warranty maintenance period

- 1A. Suction Machine - Electrical (Type – I) as per specification with HSN code/ rate of GST.....
- 1B. Suction Machine - Electrical (Type – II) as per specification with HSN code/ rate of GST.....

Note:

- (a) In case of discrepancy between unit price and total price, the unit price shall prevail.
- (b) **This price schedule should be placed in separate sealed cover “Cover B”**

- (c) **GST applicable for Annual Maintenance Charges shall be indicated separately.**
- (d) **The bidder should indicate the HSN code of the equipment/ service and applicable GST rates.**
- (e) **The bidder should quote for the prices separately from column 5(a) to 5(e) and should not state “as inclusive”.**
- (f) **The bidder may quote the prices for any one of the options or both options separately. Not quoting of any option will not be disqualification.**
- (g) **However, the purchaser reserves the rights to order to any one of the option or combinations at their full discretion based on price differential, the relative advantage of prices with respect to higher specification and end user requirement.**

Place :

Signature of Bidder.....

Date :

Name

Business Address