

**SECTION-III****TECHNICAL SPECIFICATION FOR PURCHASE OF SILICONE RESUSCITATOR AGAINST TN-2532.**

1.0 This specification covers the manufacture, testing before dispatch and delivery at our stores/site of the Silicone Resuscitators with 4 No. mask, reservoir Bag 2600ml and Oxygen tube 2 Mtr., complete set packed in pouch.

**2.0 TECHNICAL DETAILS ARE AS UNDER:-**

1.	Suitable for human Body Weight	> 40 Kg.
2.	Recommended Operating temperature	-18 Deg. C. ~ + 50 Deg.C
3.	Storage	-40 Deg. C. ~ + 60 Deg.C
4.	Bellow capacity	1600 ml
5.	Bellow	Autoclavable at 121 Deg.C for 10 minutes
6.	Bellow	50 Times Reusable.
7.	Dimensions	22mm/ 15mm (As per international standard)
8.	Valve	Autoclavable at 121 Deg.C for 10 minutes
9.	Valve	50 Times Reusable.
10.	Silicone mask	Transparent & Autoclavable at 121 Deg.C for 10 minutes
11.	Silicone mask	50 Times Reusable.
12.	Reservoir bag	Capacity 2600 ml
13.	Reservoir bag	Single Use only.
14.	Reservoir valve	Autoclavable at 121 Deg.C for 10 minutes
15.	Oxygen Tube	Length 2 Mtr.
16.	Oxygen Tube	Single use only.
17.	Silicon Resuscitator	All parts reusable 50 times.
18.	Silicon Resuscitator	All parts Autoclavable at 121 Deg.C for 10 minutes

The Silicone Resuscitator should be approved as per medical standards.

**3.0 GUARANTEED TECHNICAL & OTHER PARTICULARS:**

The tenderer shall furnish complete guaranteed and other particulars of material offered by him.

**4.0 SAMPLES:**

Bidders are required to furnish One No. sample of tendered item meeting requirement of technical specification along with their Bid, failing which their bid is liable to be rejected.

## **5.0 INSPECTION & TESTING:**

Inspection & testing shall be as per relevant standards. The inspecting officer shall select 5% samples randomly from the offered lot for physical verification and inspection as per specification and purchase order.

The suppliers should satisfy themselves that the material is in accordance with the terms of the contract and fully confirm to required specifications by carrying out a through pre-inspection of each quota before tending the same for inspection to the inspecting officer nominated by the purchaser. Such pre-inspection on the part of the suppliers would minimize the chances of rejection in inspection.

The material shall be tested and inspected by an authorized inspecting officer of the purchaser before dispatch. The purchaser reserves the right to get the material tested in any testing laboratory before dispatch.

## **6.0 ADDITIONAL ORDER**

Repeat orders for additional quantities, upto 50% of original ordered quantities, may be placed by the Nigam, on the same rates, terms and conditions given in the contract.

## **7.0 QUALITY ASSURANCE PLAN :**

- 1) The Bidder shall invariably furnish following information along with his offer, failing which the offer shall be liable for rejection. Information shall be separately given for individual type of equipment offered.
  - i) Statement giving list of important raw materials, names of sub-suppliers for the raw materials, list of standards according to which the raw material are tested, list of tests normally carried out on raw material in the presence of Supplier's representative, copies of test certificates.
  - ii) Information and copies of test certificates as in (i) above in respect of bought out items.
  - iii) List of manufacturing facilities available.
  - iv) Level of automation achieved and list of areas where manual processing exists.
  - v) List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections.
  - vi) Special features provided in the equipment to make it maintenance free.
  - vii) The bidder should have adequate facilities to carryout accurately all required tests during manufacturing and routine/acceptance tests as per relevant ISS/IEC standards at the final end routine/acceptance. The

supplier will ensure that all testing/measuring instruments/apparatus are calibrated at regular periodicity from reputed test house as per relevant standards and a certificate of testing authority is made available to purchaser's inspector at the time of inspection. Such calibration certificates, in any case shall not be older than one year on the date of such tests".

- viii) List of testing instruments and apparatus along with their last date of calibration, available with the Bidder for testing of equipment specified and test plant limitation, if any, vis-a-vis the type, special, acceptance and routine tests testing during manufacture specified in the relevant standards. These limitations shall be very clearly brought out in "Schedule of Deviations".

**2) The Supplier shall also submit the following information to the Purchaser, along with drawings/GTPs/BOM of ordered material, within 15 days of placement of order for purchaser's approval:-**

- i) Name of the raw material as well as bought out accessories and the names of sub-suppliers selected from those furnished along with the offer.
  - ii) Type test certificates of the raw material and bought out accessories/items.
  - iii) Quality Assurance Plan (QAP) withhold points for Purchaser's inspection. The QAP and Purchaser's hold points shall be discussed between the Purchaser and the Supplier before the QAP is finalized.
- 3) The Supplier shall submit the routine test certificates of bought out items and raw material at the time of routine testing of the fully assembled equipment.

**8.0 Purchasing on the Risk & cost of supplier, in case of non-execution of order/delay in delivery.**

As per field requirement, as it is, material (s) / equipment (s) is /are urgently required to Nigam and for which final notice has been given to supplier but supplier is being breach of agreement against stipulated delivery schedule, if at any time during the currency of the contract, the performance in whole or in part be prevented or delayed by more than the three months of the delivery schedule, the purchaser reserves the right to procure the material/equipment on order or part thereof from any other source at the risk and cost of the contractor/ supplier.

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