



Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

CREATION DATE : 30-APR-09 BID NUMBER: 7243893 TITLE: VENTILATOR BID CLOSING DATE AND TIME: 07-MAY-2009 10:00:00
--

BUYER: Roche, Linda P PHONE #: 401-574-8118
--

B I L L T O	DOA CONTROLLER ONE CAPITOL HILL, 4TH FLOOR SMITH ST PROVIDENCE, RI 02908 US
--	--

S H I P T O	DOH DISEASE PREVENTION THREE CAPITOL HILL, ROOM 403 SMITH ST PROVIDENCE, RI 02908 US
--	---

Requisition Number: 1131916

Line	Description	Quantity	Unit	Unit Price	Total
1	VENTILATOR AND PULSE OXIMETER SYSTEMS 1200 Line Note to Bidders: BRAND _____ MODEL # _____	300 00	Each		

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer.

Contract Terms and Conditions

Table of Contents

Terms and Conditions..... II
 BID STANDARD TERMS AND CONDITIONS II
 TERMS AND CONDITIONS FOR THIS BID II
 VENDOR SPECIFICATIONS II

Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

VENDOR SPECIFICATIONS

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED) FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED

**REQUEST FOR QUOTES
INTENSIVE CARE UNIT AND TRANSPORT-CAPABLE VENTILATORS**

Purpose

The purpose of this bid request is to procure up to three hundred (300) Pulmonetic Systems LTV 1200 ventilators packaged for quick deployment for use in a pandemic influenza or any emergent medical response. This request will discuss the expected configuration, warranty and training needs as well as the bidding process, funding limitations, and delivery requirements.

Specifications

Any apparent silence of these specifications as to any detail or apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only best commercial practice is to prevail and that only materials and workmanship of first quality are to be used. All interpretations of these specifications shall be made upon the basis of this statement.

Any and all deviations shall be so stated on the returned bid. Unless so stated by the bidder, the State of Rhode Island shall assume that all requirements have been met and shall hold bidder to each and every part of the specifications.

References to a particular trade name are made for descriptive purposes to guide the bidder in interpreting the requirements of the State of Rhode Island, except in the case of the actual ventilator which must be an LTV 1200. They should not be construed as excluding proposals on other types of materials, equipments and supplies. However, the bidder, if awarded a contract, will be required to furnish the particular item referred to in the specifications or description unless a departure or substitution is clearly noted and described in the proposal.

Lastly, all colors, fabrics or other minor design details which are not specified herein will be selected at a later date

Device

- a. Pulmonetic Systems LTV 1200- A fully featured ICU and Transport-capable ventilator
- b. Software package must include:
 1. Spontaneous Breathing Trial (SBT)
 2. Ventilator Presets (Infant, Pediatric, and Adult)
 3. Variable Rise Time
 4. Variable Flow Termination
 5. Variable Time Termination
 6. Pressure Control Flow Termination
 7. Leak Compensation
 8. O2 Cylinder Duration Calculation
 9. O2 Flush
 10. Apnea Backup Ventilation
 11. Oxmiser Mode
- c. Ventilation Modes:
 1. Control
 2. Assist/Control
 3. SIMV
 4. CPAP
 5. NPPV
- d. Ventilation Performance and Controlled Parameters:
 1. Breath Rate: 0 to 80 bpm
 2. Tidal Volume: 50 to 2000 ml

3. Inspiratory Time: 0.3 to 9.9 seconds (100 lpm)
 4. Pressure Control: 1 to 99 cmH₂O
 5. Pressure Support: 1 to 60 cmH₂O
 6. % O₂: 21% to 100%
 7. PEEP/CPAP: 0 to 20 cmH₂O
 8. Insp/Exp Hold: 6 second maximum
- e. Monitoring and Indicators:
1. Peak Inspiratory Pressure: 0 to 120 cmH₂O
 2. Mean Airway Pressure: 0 to 99 cmH₂O
 3. PEEP: 0 to 99 cm H₂O
 4. Breath Rate: 0 to 250 bpm
 5. Airway Pressure Display: -10 to 108 cmH₂O
 6. Exhaled Tidal Volume: 0 to 4000 ml
 7. Exhaled Minute Volume: 0 to 99.9 liters
 8. I:E Ratio: 99:1 to 1: 99
 9. Calculated Peak Flow: 10 to 100 lpm
 10. AutoPEEP: 0 to 100 cmH₂O
 11. Static Compliance: 1.999 ml/cmH₂O
- f. Alarms:
1. Alarm Volume: 60 to 85 dBA at 1 meter
 2. Variable Alarms to include:
 - i. High Pressure Limit
 - ii. Low Peak Pressure
 - iii. Low Minute Volume
 - iv. High PEEP
 - v. Low PEEP
 - vi. High Rate
 3. Fixed Alarms to include:
 - i. Disconnect/Sense Line
 - ii. External Power Low & Lost
 - iii. High & Low Oxygen Inlet Pressure
 - iv. Internal Battery Low & Empty
 - v. Ventilator Inoperative
- g. Environmental Specifications:
1. Operating Temperature: 5 to 40 C
 2. Storage Temperature: -20 to 60 C
 3. Operating Humidity: 15 to 95% relative
 4. Storage Humidity: 15 to 95% relative
 5. Shock Compliance: MIL-STD-810E
 6. Vibration Compliance: MIL-STD-810E
- h. Parts, Accessories and Quantity per units:
1. Dual Limb Breathing Circuit- 2 adult and 1 pediatric per unit
 2. Low Pressure Oxygen Adaptor and Filter- 2 per unit
 3. LTV 1200 Gator Clip- 1 per unit
 4. LTV Transport Battery System (Single Battery)- 1 per unit
 5. Pall Breathing System Filter- 12 adult and 4 pediatric per unit
 6. Pelican-style watertight transport case with custom fitted foam, external charging access, wheels and telescoping handle- 1 per unit
 7. 15' High Pressure Oxygen Tubing with Brass Fittings- 1 per unit
 8. 15' Low Pressure Oxygen Tubing- 1 per unit
 9. Emergency Set Up Card (English)- 1 per unit
 10. Test Lung- 1 per unit
 11. Air Intake Filters- 2 packs per unit
 12. Fan Filters- 1 pack per unit
 13. Closed Suction Catheter- 2 adult, 1 pediatric per unit
 14. Medication Delivery Ports- 2 adults, 1 pediatric per unit

Warranty

The vendor will ensure telephone and on-site support availability seven days a week, twenty four hours a day. All parts will be covered by a manufacturer's warranty of at least two years on all parts, including labor and three years on the turbine. Should these devices not immediately be put into service, the beginning of the warranty shall be delayed until their first operational use for a period not to exceed eighteen (18) months from date of delivery.

Limitations

This bid advertises procurement of up to 300 LTV 1200 ventilators; however, this figure is based on the availability of federal funds. It is the intention of the State of Rhode Island to purchase the maximum number of ventilators, up to but not exceeding 300, for which it has available monies.

Training

Upon initial delivery of the ventilators, the vendor is expected to provide an end-user train-the-trainer style program at a location of the State's choosing. Additional printed, CD-based, and web-based training materials shall be provided to these individuals under the auspices of this bid.

Additionally, the vendor is expected to train selected Rhode Island personnel to become "certified" service technicians on the ventilator at a location of the State's choosing. The delivery date of this training will be negotiated between the State and the vendor after bid award but shall be completed prior to the end of the warranty period.

Service

All service will be provided by vendor during the warranty period. As mentioned in the training section, during the warranty period, the vendor will be expected to train Rhode Island personnel become service technicians for the ventilator at a site of the State's choosing.

Should new software/electronics packages be developed within the first three years of Rhode Island's ownership of the units, the vendor will ensure that these units are replaced and installed at no cost to the State of Rhode Island.

Delivery

The delivery of these items will be coordinated with the Rhode Island Department of Health's Center for Emergency Preparedness and Response once the bid is awarded. The vendor is expected to meet their delivery needs to a location of their choosing within the State of Rhode Island. Furthermore, a company representative shall be on-site when delivery of the ventilators is taken.