

TAMIL NADU MEDICAL SERVICES CORPORATION LIMITED

(A Government of Tamilnadu Undertaking)

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ISO 9001:2008 Certified Organisation

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Ref.: No. RSP15/NS/TNRSP-II/TNMSC/ENGG/2019

30.04.2019

**INVITATION FOR QUOTATIONS FOR SUPPLY OF
GOODS UNDER SHOPPING PROCEDURES**

To

Dear Sirs,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY OF MULTIPARA MONITOR WITH ECF, SPO2, NIBP, ETCO2 TO TRAUMA CARE CENTRE AT GOVT. HEADQUARTERS HOSPITAL, KANCHEEPURAM

1. You are invited to submit your most competitive quotation for the following goods:-

| Brief Description of the Goods | Specifications | Quantity | Delivery Period | Place of Delivery | Installation /Demo Requirement if any |
|---|-------------------------|----------|-----------------|---|---------------------------------------|
| Multipara Monitor with ECF, SPO2, NIBP, ETCO2 | Indicated at Annexure I | 20 Nos. | 60 days | Trauma Care Centre at Govt. Headquarters Hospital, Kancheepuram | Yes |

2. Government of India has received a financing from the World Bank towards the cost of the Tamil Nadu Road Safety Project -II and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

- 3.1 The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- 3.2 All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- 3.3 GST in connection with the sale shall be shown separately.
- 3.4 The rates quoted by the bidder shall include the cost of inland transportation and other incidentals for delivery of the goods to the final destination.
 - i. Unloading, safe storage and handling of consignment at site.
 - ii. Site assembly of the supplied goods if any at site, installation, testing and commissioning of the equipment.
 - iii. Maintenance and/or repairs of the supplied goods at each location during the warranty period including spares.
- 3.5 The bidder shall also quote the rates for maintenance and/or repair of the supplied equipments for a period of 5 years after the warranty period of 1 year under annual maintenance contract. The annual maintenance contract (AMC) will be comprehensive and will cover the cost of all spare parts required for replacement/repair of the equipment. The AMC shall be on regular basis to ensure minimum down time of the equipment, assuring 98% uptime.
- 3.6 The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.7 The Prices shall be quoted in Indian Rupees only.

- 4. a. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.
- b. Earnest money deposit:- Each quotation should be submitted with an EMD of Rs.1,000/- by means of DD drawn in favour of “Tamilnadu Medical Services Corporation Limited, Chennai payable at Chennai.
- c. Bids received without EMD amount will be treated as non- responsive.
- d. The bidder should furnish the details of Bank name, Branch name, Account no., IFSC code and a copy of cancelled cheque leaf.
- e. The validity of the Demand Draft / Banker’s Cheque furnished for EMD should be not less than 15 days.

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission.

6. **Evaluation of Quotations**

- 6.1 The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
- (a) are properly signed ; and
 - (b) conform to the terms and conditions, and specifications.
- 6.2 The Quotations would be evaluated separately for each item.
- 6.3. Evaluation of the bid will take into account in addition to the bid price the cost of 5 years Comprehensive maintenance services after the warranty period of 1 year. 5 years Comprehensive maintenance service charges will be added to the bid price after discounting to the net present value at a discount rate of 8% per year. Bids without the CAMC rate will be treated as non responsive.
- 6.4. GST in connection with sale of goods shall not be taken into account in evaluation.

7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.
- 7.3 You shall furnish performance security for 5% of contract value by means of demand draft drawn in favour of Managing Director Tamilnadu Medical Service Corporation Limited Payable at Chennai which will be returned after satisfactory completion of warranty period.
8. 100 % Payment shall be made immediately after delivery of the goods in good condition against receipt of certification from the consignee.
9. Minimum of one year warranty/ guarantee shall be applicable to the supplied goods.
10. You are requested to provide your offer latest by **11.00 hours on 20.05.2019**

11. Quotation will be opened at **11.30 Hrs on 20.05.2019** in the presence of bidders.
11. We look forward to receiving your quotations and thank you for your interest in this project.

Sd/-
General Manager (Equipment)

FORMAT OF QUOTATION *

| Sl. No. | Description Goods | Specifications | Qty. | Unit | Quoted Unit Rate in Rs. | Total Amount | |
|-----------------------|---|-------------------------|------|------|-------------------------|--------------|----------|
| | | | | | | In Figures | In Words |
| 1 | Multipara Monitor with ECF, SPO2, NIBP, ETCO2 | Indicated at Annexure I | 20 | Nos. | | | |
| TOTAL | | | | | | | |
| Applicable GST | | | | | | | |

Gross Total Cost : Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. (amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of one year shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

Signature of Supplier

FORMAT OF QUOTATION FOR CAMC (LABOUR WITH SPARE)

| Sl. No. | Description of Goods | Qty. | Rate per unit (Rs.) | | | | | |
|---------|---|------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | | Unit | 2 nd year | 3 rd Year | 4 th Year | 5 th year | 6 th year |
| 1. | Multipara Monitor with ECF, SPO2, NIBP, ETCO2 | 20 | Nos. | | | | | |

GST applicable shall be indicated separately

Signature of Supplier

TECHNICAL SPECIFICATION

SPECIFICATION FOR MULTIPARA MONITOR WITH ECF, SPO2, NIBP, ETCO2

1. USFDA approval for core device for use on pre-hospital care ambulance
2. Wall mount option.
3. Should not be more than 5 Kgs with battery.
4. Operational temperature range from 0-50 degree C.
5. Should measure adult, pediatric and neonatal parameters.
6. **Battery**
 - a. Rechargeable lithium ion battery.
 - b. Should be able to last for minimum of 3 hours of continuous monitoring.
 - c. Should give replacement guarantee for the battery for 4 years.
 - d. Damages/penalties out of battery related accidents in the form of explosion/fire should be borne by the supplier/manufacturer.
7. Atleast 48 hours of trend memory.
8. **Alarms**
 - a. Audio as well as visual.
 - b. Adjustable and default.
 - c. Should be for low and high heart and respiratory rates.
 - d. For low saturation (Dynamic sound variation)
 - e. Low and high blood pressures.
 - f. Low battery alarms.
 - g. Arrhythmia alarms.
9. **Display**
 - a. Multicolor display.
 - b. Minimum 8 inch and maximum 12 inch.
 - c. Minimum 640x480 resolution.
 - d. Touch screen. Mouse navigation desirable.
 - e. Wide viewing angle.
10. **Data**
 - a. LAN/Wireless (not infrared) port for networking.
 - b. Should be able to connect with telemetry transceiver.

- c. Should follow HL7 standards for data transfer.
- d. Customisable Patient care form.
- e. Standby/back-up GSM SIM card in case of failure of one network. Wherever network are robust, will work on a single GSM SIM.
- f. Data transfer should be enabled under Wi-Fi/2G/3G to the identified destination servers.
- g. Auto reconnect facility, whenever network is absent.
- h. Intelligent Queue management.
- i. Noise removal algorithm to be built-in to give accurate ECG in a running ambulance on roads which are reasonably bumpy. Ambulance need not stop while capturing the ECGs

11. ECG

- a. Continuous monitoring of ECG and other parameters must be displayed on the machine.
- b. Printer
 - i. 50mm Paper
 - ii. 25mm/sec
 - iii. All 12 leads
- c. 12 lead ECG Cable mandatory.
- d. Heart rate ranges 30-300 bpm. This is the minimum range, a range wider than this is also acceptable.
- e. Variation in accuracy within +/-1%.
- f. ST segment elevation detection through ST maps. Cabera representation is desirable.
- g. Arrhythmia detection is mandatory.
- h. ECG to be transmitted in at fixed intervals of every 5 minutes, with provision to send the specific desktops and/or PDA phones.
- i. Facility to forward and distribute ECG & ST map form the back-end should be available.
- j. Option of activation of transmission at any point of time.
- k. Live streaming option to be made available, if required and should be quoted separately.

12. Respiration

- a. Range 0-120 rpm. This is the minimum range, a range wider than this is also acceptable.
- b. Resolution +/-1 rpm.

13. NIBP

- a. Oscillometric method
- b. Manual, automatic and stat modes should be available.
- c. Range 10-260 mm Hg, measurement should be mmHg.

14. Temperature

- a. C& F selectable.
- b. 25 to 45 degree C

15. SPO2

- a. Range 0-100%

16. ETCO2 up gradation capability is mandatory. (Price to be quoted Separately)

- a. Should agree to upgrade if asked for at any time in the coming 5 years.
- b. Cost of upgrading any time in the next 5 years to be disclosed and agreed to now.
- c. The cost for ETCO2 sensor should also be a part of upgrade.

17. Accessories to supplied along with the monitor

- a. ECG Cable
- b. SPO2 adult pediatric and Neonatal sensors.
- c. NIBP cuffs-adult pediatric and neonatal cuffs.
- d. Temperature Probe.
- e. Electrodes
- f. Power Cables.
- g. Wall mounting solution that is compatible with the ambulance interior.

18. Replacement guarantee for Monitor one year

19. Replacement Guarantee for Cable/Probes – 1 year.

Note: Bidders shall furnish technical compliance statement for the model quoted , details of manufacturer including deviations if any. Technical catalogue /data sheet indicating model, make and technical parameters shall also be furnished in support of technical compliance statement without fail.