

TAMIL NADU MEDICAL SERVICES CORPORATION LIMITED

(A Government of Tamilnadu Undertaking)

417, PANTHEON ROAD, EGMORE, CHENNAI – 600 008.

ISO 9001:2015 Certified Organisation

Phone:28191890, 28190259 Fax No.28190636

CIN: U85110TN1994SGC027939

Ref. No.567 /LT/BBK/DME-RGGGH/TNMSC/ENGG/2022

29.04.2022

INVITATION FOR ONLINE QUOTATIONS FOR SUPPLY OF EQUIPMENT
THIS INVITATION DULY SIGNED ON ALL PAGES SHOULD BE ATTACHED
WITH THE QUOTE

From

The General Manager (E),
TamilNadu Medical Services Corporation Limited,
417, Pantheon Road, Egmore,
Chennai – 600 008.

To

Dear Sirs,

Sub: Invitation for Quotations for Supply and Installation of Blood Irradiator to Metro Blood Bank at Rajiv Gandhi Govt. General Hospital, Chennai-Reg.

1. You are invited to submit your most competitive quotation for the following goods by online in the website:<https://tntenders.gov.in/nicgep/appor> or www.tnmsc.tn.gov.in:-

Sl. No.	Brief Description of the Goods	Qty in Nos	Delivery Period	Place of Delivery
1.	Blood Irradiator	1	Within 30 days from the date of receipt of supply order	Metro Blood Bank, Rajiv Gandhi Govt. General Hospital, Chennai-3.

2. Bid Price

- 2.1 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.
- 2.2 All duties, taxes payable by the contractor under the contract shall be considered in the quoted price indicating the breakup value.

- 2.3 a) The bidder should furnish the CIF value of the imported component with Customs duty separately in the price bid in addition to the other breakup value packaging & Forwarding, Inland transport, Installation and commissioning and other incidental charges
- b) The bidders are advised to take in to consideration the savings available due to abolition of CVD and SAD for imports now due to GST implementation, and consider the benefits out of it as a reduction, while arriving at their bid price.
- c) Similarly, the benefits that could be availed out of High Sea Sales/ Sales in course of import should also be considered as a reduction while arriving at their bid price.
- d) GST shall be indicated separately.

2.4 The Prices should be quoted in Indian Rupees only.

3. Each bidder shall submit only one quotation.

3.1. 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.

3.2 Quotation received without EMD amount will be treated as non-responsive.

3.3 The bidder should furnish the GST registration no. for supply and services and the code no. for the goods quoted.

3.4 The GST registered bidders are only eligible to participate in the quotation.

3.5 The bidder should furnish the details of Bank name, Branch name, Account no., IFSC code and a copy of cancelled cheque leaf.

3.6 The validity of the Demand Draft / Banker's Cheque furnished for EMD should be not less than 15 days.

4. **Validity of Quotation:-**

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

5. Evaluation of Quotations:-

- 5.1 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
 - (c) Not furnishing Catalogues, Point wise compliance statement of Technical specification, and producing the sample of the quoted item for demo within one week notice, if called for would be treated as a violation of the terms of the tender and the bids would be treated as non responsive.
- 5.2 The evaluation of the prices will be done by adding the comprehensive AMC charges at discounted rate of 8% per annum with the supply price. Firms who are not quoted for the comprehensive AMC would be considered as non responsive.

The Quotation would be evaluated separately for each item. GST will not be taken into account in evaluation.

6. 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.

- 6.1 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.
- 6.2 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 purchase order.
- 6.3 For delay in supply of the goods beyond the stipulated delivery period, liquidated damages at 0.5% per week or part thereof of undelivered portion of the contract, subject to a maximum of 10% of the contract value is leviable.
- 6.4 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.

- 6.5 Payment shall be made within 30 days after delivery of the goods, against submission of bills with certification from the consignee for satisfactory completion of supply.
- 6.6 The item supplied shall carry a warranty of atleast 3 years for equipment from the date of acceptance of the goods by the consignee.
- 6.7 Annual Maintenance Charges (Comprehensive) should be quoted for 7 years / per year after 3 years warranty maintenance period for equipment.

7. You are requested to submit the quotations in a sealed cover superscribed **“Quotations for supply and Installation of Blood Irradiator to Metro Blood Bank at RGGGH, Chennai ”**and quotations should reach Tamil Nadu Medical Services (A Govt. of TamilNadu Undertaking), 417, Pantheon Road, Egmore, Chennai – 600 008 on or before **16.00 hours** on **18.05.2022**.

- 8. Quotation will be opened at **16.30 hours** on **18.05.2022** in the presence of bidders.
- 9. We look forward to receive your quotations and thank you for your interest in this project.

Sd/-
General Manager (E)

PRICE SCHEDULE

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 todelivery (c)	Incidental services (d)	Customs duty (e)	Unit price a+b+c+d+e	Total price per schedule for delivery at final destination (4 x 6)	GST – IGST/CGST/SGST payable if contract is awarded
1.	Blood Irradiator as per specification		1 No.								

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

1. Blood Irradiator 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

1. Blood Irradiator 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

1. Blood Irradiator 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) **GST applicable for Annual Maintenance Charges shall be indicated separately.**
- (c) **The bidder should indicate the HSN code of the equipment/ service and applicable GST rate**
- (d) **The bidder should quote for the prices separately from column 5(a) to 5(e) and should not state “as inclusive” of all rate.**

Place :

Date :

Signature of Bidder.....

Name

Business Address.....

SPECIFICATION FOR BLOOD IRRADIATOR

The self-shielded types of Cobalt-60/ Caesium 131 preferably base blood Irradiator should have the following specification. The Unit should be types B (U) approved and is designed for purpose of blood product irradiation

1. Specification of the Unit:

- I. Maximum radioactive source capacity: 29.97 TBq (810 Ci) of Co-60/ Caesium 131 preferably
- II. Dose Rate at maximum capacity : 11 Gy / min in air medium or 9.5 Gy / min in water medium
- III. Dose rate uniformity : In Radial direction: $\pm 25\%$ or better & Axial direction: -25% or better
- IV. Sample Chamber Volume: 3 Litres
- V. Sample Chamber Size: Diameter 15.0 cm x height 25 cm
- VI. Rotating container of sample chamber volume: 2 Litres
- VII. Rotating sample chamber size: Diameter 12.0 cm [Ø] x height 18 cm
- VIII. Rotating sample chamber speed: More than 50 RPM
- IX. Source container shielding material: Lead & stainless steel
- X. Total Weight of the equipment: Specify actual weight
- XI. Size of the unit L x W x H: Specify actual dimensions
- XII. Exposure Timer range: Maximum 5 sec onwards

2. Equipment Control System:

The unit should have the option of three (3) modes of operation as indicated below:

a) AUTO MODE:

- I. Auto mode operation control system should be user friendly & having feature of indicating on the panel such as **Dose, Doserate, Real time & Date** along with preset time & automatic termination of irradiation time to facilities easy operation of unit.
- II. The unit should be operated in both **Time** as well as **Dose** modes taking in to consideration of automatic Co-60 radioactive decay corrections

b) ELECTRICAL MODE:

- I. The unit should be operated electrically, in case of the Auto mode system gets isolated
- II. The sample irradiation chamber up & down movement is controlled by using electrical push buttons.

- III. It also should have a Timer, which can be preset and after irradiation, the sample should come out automatically at the pre-set time.

c) MANUAL MODE

The movement of sample chamber should also be done with the help of a hand-crank in case of power failure or emergency or whenever required.

3. Co-60 Source:

- i. Source should be housed inside the source container / Lead flash of the unit
- ii. Pencil type source preferable sources are in form of pencils
- iii. Type of pencil source welding should be mentioned
- iv. Certificate of test should be produced for source decontamination and leakage tests
- v. Source should be **Type approved by Atomic Energy Regulatory Board (AERB) India.**

4. Source replenishment / disposal:

Undertaking replacement of source and taking back old decayed source of supplied unit / source pencils after completion of useful life-time of source Equipment.

5. Radiation Dosimetry:

Manufacturer / Supplier should provide complete dose rate profile at extreme points of irradiation chamber along with its central dose rate to assess the maximum & minimum doses given to any sample / products

6. Operation Manual:

Manufacturer / supplier of the equipment should provide operation manuals in English to users at the time of installation of the unit and soft copy as well as for quick and easy reference.

7. Training of the user personnel:

- I. Hospital designed personnel from the user department should be trained both in operation and maintenance aspects of the unit during installation and commissioning.
- II. Training should be adequate for the safe operation of the unit to full-fill the AERB Regulatory requirements.

8. General Requirement for installation and operation of the equipment

- I. Manufacturer / supplier of the equipment should specify area and preferable location requirements as per AERB regulatory requirements to install and commission blood irradiator.
- II. Manufacturer / supplier of the equipment should specify electrical, Power requirements to install and commission blood irradiator and also additional power point requirement.

9. Warranty – Warranty clause of Terms and conditions should furnish for smooth and uninterrupted operation of equipment.

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