

KOLLAM DISTRICT COOPERATIVE HOSPITAL SOCIETY LTD Q 952

Palathara, Kollam

Pin: 691020

TENDER DOCUMENT

For

**Supply, Installation and Commissioning of
MEDICAL EQUIPMENTS & FURNITURES**

PART 1 TECHNICAL BID

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INVITATION FOR TENDER

1. Sealed tenders (two bid system) are invited from reputed and established suppliers for supply of Medical Equipments For NS Memorial Institute of Medical Sciences (NSMIMS) under Kollam District Cooperative Hospital Society Ltd Q 952.
2. The method of submission of tender, amounts of Earnest Money/Security Deposit and General Terms and Conditions applicable to contract has been mentioned in **General Terms and Conditions**. The work is to be performed strictly as per parameters/technical specifications given n Tender document in **Annexure - A**. The Performa for submission of tender has been given in **Technical Information** (for Technical Bid) and **Commercial Bid** (for Commercial Bid) to this Notice Inviting Tender.

3. **Schedule of Tender**

Date of Release of Tender	:	29/12/2022, 10 AM
Last Date & Time of Issue of Tender	:	06/01/2023, 1 PM
Last Date & Time of Submission of Tender	:	07/01/2023, 3 PM
Date & time of opening of Technical Bid	:	07/01/2023, 4 PM
Date of demonstration of the machine	:	To be informed to qualified tenderers qualifying after opening of technical bids
Date of opening of the price bid	:	To be informed to the qualifying tenders qualifying after demonstration

4. The Tender documents along with terms and conditions can be downloaded free of cost from the website (www.nshospital.org).
5. The tenders received after the scheduled date and time will be rejected outright.
6. The validity of the offer shall be 60 days after the date of opening of the tender. If any bidder withdraws his tender within the validity period or makes any modifications in terms and conditions of the tender and/or rates after submission of tender which are not acceptable or does not start the work within stipulated period from the date of issue of letter of acceptance, then tender inviting authority shall without prejudice to any other right or remedy, be at liberty to disqualify the tenderer and shall be debarred from bidding in case of re-invitation of the tenders.
7. Tenderer can submit tenders only on the documents downloaded from website.

DETAILS OF EQUIPMENT TENDERED

SL. NO	Description	Quantity
1	Ceiling Mounted OT Light	4
2	Fetal Monitor	2
3	Multiparamonitor	8
4	Vacuum Delivery Unit	1
5	Labour Cot	2

GENERAL TERMS AND CONDITIONS

1. **Parties:-** The parties to the Contract are the contractor (the tenderer to whom the work has been awarded) and N.S Memorial institute of medical sciences

2. **Preparation and Submission of Tender:**

The tender should be submitted in two parts namely Technical Bid & (All documents as in Annexure A) Financial Bid (Annexure B) and each should be kept in a separate sealed cover. All the covers should be kept in another sealed cover addressed to the undersigned. The outer cover envelope containing sealed cover should bear the address of Tenderer. The inner two covers should be super scribed with subject of Tender, whether the cover is containing “Technical Bid” or “Financial Bid

- (1) In case of partnership firms, a copy of the partnership agreement, or general power of attorney duly attested by a Notary Public, should be furnished on stamped paper duly sworn of affirmed by all the partners admitting execution of the partnership agreement or the general power of attorney. The attested copy of the certificate of registration of firm should also be enclosed along with the tender.
- (2) The tenderer should sign and affix his/his firm’s stamp at each page of the tender and all its Annexures as the acceptance of the offer by the tenderer will be deemed as a contract and no separate formal contract will be drawn. **NO PAGE SHOULD BE REMOVED / DETACHED FROM THIS TENDER DOCUMENT.**

3. Technical Bid:

The Technical bid should be submitted in form (All pages of Tender Document with sign and seal except Annexure B). Company and model of equipment to be clearly shown. Installation base of quoted model to be attached with contact details.

Compliance sheet to be prepared and attached as per the Technical specifications given. Each points in Technical specifications should be addressed and remarks/deviations to be noted. All Bids without Compliance sheet will be disqualified.

4. Financial Bid:

The Financial Bid should be submitted as in **Annexure – “B”** given in **Commercial Bid** in a separate sealed cover kept inside the main cover. The Financial Bids of those tenderers who are found technically competent, will be opened on a specified date and time to be intimated to the respective tenderer.

Terms of payment as stated in the Tender Documents shall be final.

5. Criterion for Evaluation of Tender:

The evaluation of the tenders will be made first on the basis of technical information furnished in form given in **Technical Bid** and then on the basis of commercial information furnished in form given in **Financial Bid**. The Financial bid of such firms found valid based on technical parameters (as per **Technical Information and Undertaking**) will be opened on the date, time and venue to be announced after opening of the Technical Bid. The reasons for selection or rejection of a particular tender will not be disclosed. The award of work will be further subject to any specific terms and conditions of this Tender.

6. Right of Acceptance:

The Tender inviting authority has all rights to reject any tender including of those tenders who fail to comply with the instructions without assigning any reason whatsoever and does not bind himself to accept the lowest or any specific tender. The decision regarding this shall be final and binding.

7. Communication of Acceptance:

Successful Tenderer will be informed of the acceptance of his tender.

8. Performance Security

10% of total value will be considered as performance security and will be released only after 1 month of installation or completion of work.

9. Liquidated damages

For delay in completion of work, the liquidated damage @ 1% of order value per week or part thereof subject to the maximum of 10% of the order value shall be deducted.

10. Terms of payment:

No payment shall be made in advance.

All payments shall be made by cheque / e-payment only.

70% of total value will be given at the time of delivery. 20% will be paid after installation and 10% of total value will be considered as performance security and will be released only after 1 month of installation or completion of work.

11. Unit Rate

Total price includes all duties, Taxes, Transportation expenses, loading and unloading charges and all other expenses connected with installation of the equipment at the site. No additional charges will be paid.

12. Warranty Terms

Standard Warranty 3 years. Warranty is comprehensive and includes all labour, spares, consumable spares and accessories. Additional years will also be taken for L1 calculation.

13. AMC/CMC

AMC & CMC Rate after expiry of Warranty shall be mentioned in Price Bid as Percentage of Total purchase value with yearly escalation if applicable.

14. Breach of Terms and Conditions:

In case of breach of any of terms and conditions mentioned above, the Competent Authority will have the right to cancel the work order without assigning any reason thereof, and nothing will be payable by this Hospital in that event and contractor will be debarred from taking part in tendering process for five years period.

The firm shall not assign or sublet the work or any part of it to any other person or party.

The tender is non transferable.

Tenderer has to quote rate including GST.

15. Arbitration:

If any difference arises concerning this Agreement, its interpretation on the payment to be made there under, the same shall be settled by mutual consultations and

negotiations.

16. Force Mejure:

The vendor shall not be liable for forfeiture of its bid security, performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure. Force Majeure means an event beyond the control of the supplier and not involving the vendor's fault or negligence and not foreseeable.

SPECIAL TERMS AND CONDITIONS

1. In case the firm fails to supply the items within specified delivery period, the material will be procured from any other competent agency and the difference of cost, if any, will be recovered from pending bills of defaulting firm by issuing notice and necessary action for blacklisting the firm also be taken.
2. No request for increase in the rates will be entertained during the period of contract nor will the firm raise the same.
3. It is not mandatory to quote all items in the Tender. However high preference will be given to Tenderer who quotes more items/all items tendered.
4. All Equipments/Accessories supplied by the firm should be as per specifications mentioned in the tender document; sub-standard material will not be accepted at all.

TECHNICAL INFORMATION

1. Name of the Tenderer/Concern: _____
2. Address (with Tel. & Mob. No.): _____
3. Nature of the concern (i.e. Sole Proprietor or Partnership firm or a Company or a Government Department or a Public Sector Organization.)(Attach Proof.)
4. Registration Number of firm _____
(Attested photocopy of registration should be attached)
5. PAN Number of Tender/Concern: _____
(Attested copy should be attached)
6. Sale Tax/VAT registration certificate and TIN Number _____
7. Annual turnover of firm _____
(Attach Proof.)
8. Whether each page of Tender have been signed and stamped _____ YES / NO
9. Details of experience _____
(Attested photocopies of work orders for last 3 years).
10. Details of Civil suits/Litigation, if any, in the contracts executed during the last 5 years/being executed. If yes, please furnish the name of the contract employer, nature of work, contract value, work order and brief details litigations. _____
11. Any other information important in the opinion of the tenderer.

Dated :

(Signature of Tenderer

Place :

With stamps of the firm)

UNDERTAKING

1. I/We undertake that I/we have carefully studied all the terms and conditions and understood the parameters of the proposed work.

2. I/We also undertake that I/we have understood the terms and conditions mentioned in the Tender and shall execute the work strictly as per the terms and conditions mentioned therein in the Tender Form.

3. I/We further undertake that the information given in this tender are true and correct in all respect and I/we hold the responsibility for the same.

Dated:

(Signature of Tenderer

Place :

With stamps of the firm)

TECHNICAL SPECIFICATIONS

Equipment : OT Light – LED

1. Should be a Surgical Light unit incorporating the latest LED technology shadow-less operating light field with the following specifications.
2. Should have high performance LEDs with life time more than 40,000 hours. Highest will be preferred.
3. Should be a dual dome and the main light and satellite should have the following specifications
 - a. LUX intensity 1,60,000 Lux & Satellite 1,40,000 Lux or above, uniformly throughout the surgery.
 - b. Light Field diameter shall be adjustable and from 20-30 or better
 - c. Colour temperature should be between 3600 to 5000 degree K
 - d. Colour rendering index should not be less than 95
 - e. Depth of illumination should not be less than 100 cm.
 - f. Illumination adjustment 30% to 100%
4. The light dome shall be compatible for laminar air flow. Certifications shall be attached with the technical bid.
5. Should have stable illumination throughout the life period of the light. If the intensity reduces during the warranty or CMC period the LEDs has to be replaced at free of cost.
6. The LED's must be suitable for long term maintenance and ease of replacement.
7. Temperature rise at the surgeon head level should be less than 2 degree C.
8. Should have control panel for light focusing adjustment fixed on the dome or arms.
9. Should have control panel for other controls on dome and Surgeon Control Panel and a hand remote shall be available
10. Should supply autoclavable handles 3 Nos for each dome.
11. The intensity of light should be uniform during the surgery.
12. Minimum spring arm stroke of 500mm and minimum action radius of the complete arm shall be 1500mm or more.
13. Unit should function with 200-240Vac, 50/60 Hz input power supply.
14. All arms and light head should have 360 degree movement. The dome shall be mounted on cardanic arms.
15. Optional Items (Each should be quoted separately)
 - a. Detachable camera with the following specification
High definition 1080 lines resolution camera with optical zoom and focus adjustment. The camera control functions shall be either with remote control / wall control panel / dome / arm. The output of the camera shall be taken out and connected to the monitor / TV provided by the user institution (Maximum distance: 100meters).
 - b. Recording system
 - c. A third arm with 32 inch HD LED Monitor for camera output
 - d. Deinstallation charge of existing OT Lights
 - e. Buyback value of Existing OT Lights (Make Philips, 10 years Old)
16. Should have safety certificate from a competent authority CE issued by a notified body registered in European Commission / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.

Fetal Monitor

1. Should have 12” or more high-resolution color TFT/LCD Display with Tilttable Screen for better viewing
2. Should have the facility for dynamic data save.
3. Should display the monitoring information of the last 24 hours is essential.
4. Should have special high sensitive watertight probe for better durability.
5. Should have data storage with playback & print facility.
6. Should have the low ultrasound power for the safety of the foetus.
7. Should have automatic foetal movement detection with the event marker.
8. Thermal printer with minimum 152MM paper width is essential for broader printouts.
9. Standard configuration should be FHR, TOCO, Foetal Movement.
10. Twin FHR monitoring is essential.
11. Should be portable.
12. Built-in rechargeable battery with back up of at least one hour
13. Stabilizer free operation with input 200 to 240Vac 50 Hz supply.
14. Central monitoring system software upgradability should be possible (optional).
15. Should provide belt for both Ultrasound and toco transducer.
16. Should be supplied with dedicated trolley
17. Should have a safety certificate from a competent authority CE issued by a notified body registered in European Commission /FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.
18. The paper speed should be 1 cm per minute.

Multiparamonitor

1. Basic 5 para monitor with ECG from 3 lead ECG, SPO2, NIBP, Respiration Rate and temperature, suitable to use in an ICU. (Masimo SpO2 is preferred)
2. Should be portable with carrying handle.
3. Should have TFT display with at least 10 inches or higher with at least 10 waveforms and numeric display simultaneously.
4. Should have battery backup of minimum 2 hours
5. Should have knobs and keys for quick access to main functions.
6. Should have adult, pediatric and neonatal modes.
7. Should provide prominent prioritized audio, visual alarms for high, low heart rate, SpO2, RR, low battery and lethal arrhythmia
8. NIBP can be taken on manual/auto/stat modes.
9. Should work on 200-240V AC/50Hz with inbuilt rechargeable battery.
10. Should have safety certificate from a competent authority CE issued by a notified body registered in European Commission / FDA EP division Running Contract Notice Page 2/3 (US) / STQC CB certificate/ STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.

11. Should have display perfusion index
12. Monitor should have networking facility with bidirectional & bed to bed communication.
13. Monitor stand should be supplied along with the machine as per the following specification
 - i. Monitor stand -extruded Aluminum, powder coated with rail for height adjustment.
 - ii. Monitor should be able to be fixed/removed easily by latching/pressing/rotating a knob (Not using screws)
 - iii. Load bearing capacity 20 kgs approximately.
 - iv. Should supply, install with necessary anchor fasteners at the site.
14. Equipment performance should not be affected by electromagnetic interferences radiated or conducted through power lines from another device
15. Should be supplied with standard accessories.
16. Rate should be quoted separately for
 - a. Dual IBP
 - b. Sidestream & Mainstream EtCo2
 - c. Monitor stand with above mentioned specifications
 - d. Adult 3 lead ECG Full Cable/Cable & Leadset if applicable
 - e. Adult, Pediatric & Neonatal SpO2 Probe
 - f. NIBP Cuff Adult & Pediatric

Vacuum Delivery Unit

1. Should have Vacuum generator, antibacterial plastic cups, silastic cup and metal cup of different sizes with necessary electrical connection cable
2. Should have Foot Switch operation
3. Should generate a steady vacuum of at least 600mmHg
4. Should work on 200-240Vac 50Hz power supply
5. Should have digital display
6. Should have traction force indicating display in kilograms (Optional)
7. Should work on 200-240V AC/50Hz

Labour Cot

1. Motorized three section Labour cot with battery backup and stabilizer free operation (LDRP)
2. It should have three sections and sectional mattresses. The seat section should have large perineal cut. Should have 3 inches thick washable and detachable mattress.
3. Should have control device for back adjustments through remote control
4. Should have height adjustment and positions of trendelenburg, reverse trendelenburg and 65 degree sitting
5. Should be able to hold minimum of 150Kg.
6. It should have foldable ABS side support.

7. It should have head board (ABS) which can be detached, padded.
8. Should have wheels provided with locking system
9. Should have retractable foot section so as to convert bed into table
10. Should have infusion rods which have adjustable heights, quick release and attaches to both sides of bed
11. Leg section (foot support) should be foldable or telescopic under the mainframe completely for lithotomy positions. To and fro motion of the leg section should be very smooth.
12. Should have push grip handles
13. Should have stainless steel bowl at perineal part of the table
14. Should have catheter bag holder which can be attached on either side of bed.
15. Should have adjustable foot supports for nursing staff
16. Should be easy to clean, sterilize (especially blood stains) and maintain
17. Frame should be of epoxy powder coated steel
18. Should have dimensions of at least length 6 feet and width 2.5 feet
19. Should have power input 220 – 240 V AC, 50HZ fitted with Indian plug
20. Should have safety certificate from a competent authority CE issued by a notified body registered in European Commission /FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.
21. All consumables required for installation and standardization of the system should be included in the offer.
22. Should be provided with a pair of leg crutches, IV pole with 4 hooks

Annexure – B
COMMERCIAL BID

1. Name of Party:.
2. Address
3. Phone Number
4. E-mail / Fax
5. Item wise price details. Optional items to be shown separately.
6. AMC & CMC Rates

Name of the Authorized Signatory

Signature of the Authorized Signatory

DATE :

PLACE: