

NOTICE INVITING TENDER

Tender No. DPMSU-KNR/399/AC/2020 dated 04-06-2020

The District Program Manager, National Health Mission, Civil Station, Kannur - 670002 (Phone No. 0497 2709920, E-mail : dpmknr@gmail.com) invites Online Bids from reputed manufactures/suppliers through e-tendering for the supply and installation of Anesthesia Workstation as details furnished below.

Name of work	Supply and installation of one Anesthesia Workstation with Iso Flurane Vaporizer and Sevo Flurane Vaporizer at TH Kuthuparamba
Cost of Tender Form	Rs. 1910/- (including GST)
Publishing Date and time	05/06/2020, 11.00 AM
Document Sale/down load Start Date	05/06/2020, 11.00 AM
Bid Submission Start Date	05/06/2020, 11.00 AM
Bid Submission End date	12/06/2020, 11.00 AM
Bid Opening Date	15/06/2020, 12.30 PM

Scope of work

Supply and installation of one Anesthesia Workstation with Iso Flurane Vaporizer and Sevo Flurane Vaporizer at TH Kuthuparamba as per detailed specification attached herewith.

TERMS AND CONDITIONS

1. The bidders should have the necessary portal enrollment (with their own Digital Signature Certificate)
2. Tender can be submitted online on the website **etenders.kerala.gov.in**.
3. A non-refundable tender document fee of **Rs 1910/-** shall be remitted to the account number in the remittance form provided by the e-procurement system for this particular tender. Only **RTGS/NEFT/SBI Internet Banking** remittance is allowed.
4. An EARNEST MONEY DEPOSIT (EMD) for an amount of **Rs 11200/-(Rupees Eleven Thousand Two Hundred only)** shall be remitted online.
5. The offers shall be submitted in Two Bid System i.e. separate Technical & Financial bid required.
6. All the tender documents are to be submitted online only and in the designated covers on the above website and no manual submission shall be entertained.
7. All communications regarding the tender including queries if any shall be done online within the e-procurement system at website **http:// etenders.kerala. gov.in**
8. The bid shall be opened online at the office of the District Program Manager, National Health Mission, Civil Station, Kannur - 670002 on the date and time mentioned above in the presence of bidders / their representatives who are present.
9. The successful bidder shall execute an agreement in the form prescribed by Govt. of Kerala for the due fulfillment of the contract within the period to be specified in the purchase order and shall furnish Security Deposit equal to 5% of the contract value before signing the agreement.
10. All orders and directions issued by the Govt. in connection with inviting tenders, E-Tenders, Store Purchase Rules etc. are also applicable to this E-Tender.

11. More details about the e-tendering procedure are available from Kerala State IT Mission on all working days from 10.00 am to 5.30 pm (Ph: 0471-2577088, 2577188, 2577388 Ph: 0484 2336006, 2332262 or email: etendershelp@kerala.gov.in
12. Detailed specification of the equipment is attached herewith.

Dr. Latheesh K V

Place: Kannur

District Programme Manager

Date: 04-06-2020

National Health Mission, Kannur

Approval Valid

Digitally Approved By

Dr. Latheesh K.V

Date: 04.06.2020

Reason: Approved

The document is digitally approved. Hence signature is not needed.

DETAILED SPECIFICATIONS

Equipment :Anesthesia Workstation

1. The workstation should have a built-in anesthesia ventilator with pressure, volume controlled SIMV, Pressure support with Apnoea backup and spirometry.
2. It should be electronically controlled, pneumatically operated.
3. Should provide with adult and paediatric reusable and autoclavable light weight tubing breathing circuit.
4. Should be able to deliver a tidal volume from 20ml to 1500ml.
5. Should have a battery backup for at least 1 hr with low battery alarm and over charge protection.
6. Should have monitoring facility of airway pressure, tidal volume, frequency, oxygen concentration and AGM with modular integration.
7. Should have touch screen display of at least 10 inches for set parameters and graphical display for measured parameters
8. Should have automatic self test plus automatic and manual leak test..
9. Anaesthesia machine should be with 3 gas supply system (O₂, N₂O, Air) with pipeline connections and reserve cylinder yokes.
10. Gas cylinder (pin indexed) yokes with sturdy clamping bars for easy handling.
11. Should supply pin index yokes for connecting cylinders for O₂-1No, N₂O – 1No and 1no for Air through pipeline.
12. Should have pressure measurements for all gas inlets including central lines mounted on the front panel for easy visibility.
13. Should have audible and visual alarm for major events
14. Oxygen and Nitrous oxide should be linked either mechanically or pneumatically to ensure a minimum of 25% oxygen delivery at all times to avoid delivery of hypoxic mixture.
15. Should have dual cascade/ virtual type flow meter for O₂ and N₂O and air calibrated in multiple scale.
16. The anaesthesia machine should have a master control ON/OFF switch.
17. Provision to mount any two selected vaporizer of the same manufacturer with interlocking facility to allow use of only one vaporizer at a time.
18. Iso and sevo flurane vaporizer of newer generation having specifications equivalent to tech 7 type to be provided.
19. Non-return cum pressure relief valve when pressure exceeds 120cmof H₂O.
20. Should have only one common gas outlet (ACGO) and auxiliary O₂ Outlet.
21. Should provide with oxygen flush switch.
22. Circle absorber with heated manifold / some inbuilt mechanism to remove water condensation. It should be autoclavable by dismantling without help of any tools. It should be with ventilator selector switch and circle on/off switch. Should have an automatic Co₂ bypass.
23. Should have low flow anaesthesia technique.
24. Should have a facility to connect the passive scavenging system
25. Should have safety certificate from a competent authority CE issued by a notified body registered in the 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
26. Should have a provision for mounting monitors on top of the machine and with drawers.
27. Should have antistatic wheels and Foot brakes.
28. Should supply with Standard baird circuit – 2nos, Adult and pediatric Reusable circuit – 2nos each, JR Circuit (Reusable)-1 No, Limbo Circuit (disposable)- 5 Nos and HME filters-25 Nos. The circuits shall be of Anaesthetics/ Flexicare/ Neon make.
29. Reservoir bag (500ml, 1 litre, 1.5 litre and 2liters):-2 nos.each along with the machine.
30. Connectors for baird circuit: 5 nos with each machine.

31. AMBU bag(adult & pediatric): 1 no each along with the machine. It should be autoclavable.
32. Pressure regulated valve with 5 meter hose and connector (conversion kit) for oxygen and N2O should be provided with each machine – 1 each.
33. Should be supplied with driver gas hoses with necessary attachments (colour coded).
34. Should work in 220-240Vac 50 Hz input supply.
35. Should have inbuilt Electrical outlets of minimum 3nos with switches
36. Should supply with automatic servo stabilizer of suitable capacity
37. The Anesthesia machine, ventilator and vaporizer should be from the same manufacturer
38. Should have Medical grade IP44 or above rated power cord to match D-Type plug. The protective earthing resistance (PER) and leakage current (LC) values should be as per IEC 62353/AAMI/NFPA-99.
39. Battery, O2 Cell and flow sensor should be covered under warranty as well as CAMC.
40. Should be supplied with medisorb or equivalent for circle absorber (4 kg)