



GOVERNMENT OF WEST BENGAL
OFFICE OF THE PRINCIPAL
DEBEN MAHATA GOVERNMENT MEDICAL COLLEGE & HOSPITAL
Vill.:Hatuara, P.O.:Vivekananda Nagar, P.S.:PuruliaMuffasil,PIN: 723 147
pgmch.edu.in; prinpuruliagmch@gmail.com

Memo No: DMGMCH/PRL/ 975

Dated: September 30, 2021

NOTICE INVITING E-TENDER FOR PROCUREMENT OF FOUR (04) NOS. OF ANAESTHESIA WORK STATION FOR DEPARTMENT OF ANAESTHESIOLOGY BY THE PRINCIPAL, DEBEN MAHATA GOVERNMENT MEDICAL COLLEGE & HOSPITAL

(Submission of Bid through NIC e tender portal)

Principal, Deben Mahata Government Medical College & Hospital invites bids through E- tenders in two bid systems (Technical and Financial Bid) for procurement of above mentioned items. For details and downloading of tender, interested parties may please visit website: <http://wbtenders.gov.in> (Organization-Health & Family Welfare Department). For any further assistance, please visit o/o the Deben Mahata Government Medical College & Hospital schedule on & from 22.06.2021 to 05.07.2021.

1. GENERAL INSTRUCTIONS:

In the event of e-filing, intending bidder may download the tender documents free of cost from the website <http://wbtenders.gov.in> in directly with the help of Digital Signature Certificate or from the Health & Family Welfare Department's website www.wbhealth.gov.in & necessary earnest money issued from any nationalized bank/scheduled bank in India payable at Purulia drawn in favour of Deben Mahata Government Medical College & Hospital and also to be documented through e-filing.

2. SUBMISSION of BIDS:

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed by the Company personnel only (having Authorization from the company management) in the website <http://wbtenders.gov.in>. All papers must be submitted in English language with Page Marking.

3. The e-render shall be evaluated under the two-bid system i.e. through evaluation of technical and financial bid uploaded by the bidder online on the e-tender websites of <http://wbtenders.gov.in>

Evaluation of the tenders

During the tender evolution process, Technical Bid will be opened first and Financial Bid will be opened subsequently. Those bidders who have qualified in respect of the essential and other requirement in Technical Bid will be identified and their Financial Bid will be opened. The tenderers offering the item found suitable and as per the tender specification will only be selected on the basis of physical verification if required. In case it is found that two or more bidders have quoted the same and that happens to be lowest, the lowest bidder will be decided by draw of lots. THE DECISION OF TENDER SELECTION COMMITTEE WILL BE FINAL IN THIS MATTER.

SUBMISSION OF THE TENDERS:

The tender is to be submitted in a Two Bid System.

Technical Proposal:

1. "BID A": Technical Documents:-

STATUTORY COVER, containing the following documents:

A	STATUTORY COVER, Scan copy of Online submission of EMD of Rs-44,000/- (Forty Four Thousand) as 2% Earnest Money for the whole tender or EMD Exemption NSIC Certificate/SSI MSME) acknowledgement must be submitted
B	Application in the prescribed format given in Annexure I
C	CHECK LIST in the prescribed format given in Annexure II

OTHER- STATURORY Containing the following documents:-

(a) Company Specific Technical Documents:- (SINGLE FILE MULTIPLE PAGES SCANNED)

Sl. No.	Category	Sub Category	Sub Category Description
A	Certificates	AI. Certificate s	<ol style="list-style-type: none">Valid 15 digit GSTN (Provisional allowed) and PAN Card of the Bidder/ Authorized Signatory (Digital Signatory Holder)Enlistment of Valid Trade Licence from competent authorityProfessional Tax Enrolment with paid Challan FY 2019-20
B	COMPANY DETAILS	BI. COMPANY	<ol style="list-style-type: none">Partnership Deed for such type of

		DETAILS	firm/Company Registration from RDI
C	CREDENTI AL	CI: CREDENT AL I	Experience in supplying same articles in Govt. undertakings (Copy of Work orders)
	FINANCIAL INFO	DI. payment certificate s and Balance sheet	Income Tax Returns submitted for the last 3 financial years.
			1. P/L A/C & Balance sheet for the Last 3 financial years (Turn Over 20 Lakh)Audited by CA

Please Note,

A. The documents are to be submitted with self attestation and seal.

B. Bidders are also requested to check the quality of the scanned documents before uploading. Any documents or its part, found illegible will be treated as blank document and will not be reckoned as valid document.

2. "BID B ": FINANCIAL COVER: BOQ (Bid of Quantity)

The folder as "Financial Bid" shall contain: The bidder shall quote the price in the space marked for quoting prices in the BOQ. Base Rate per Accounting Unit should be quoted inclusive of GST.

Time Schedules for the e-tender

The time schedule for obtaining the bid documents, pre bid meetings, the submission of bids and other documents etc. will be as per the list provided below:

Date and Time schedule of e-Tender:

Sl. No	Particulars	Date & Time
1	Date of online publishing of NIT & Other documents	30.09.2021 at 6 pm
2	Online documents download start date	30.09.2021 at 6:15 pm
3	Pre bid meeting date	05.10.2021 at 3 pm in the Office of the Principal, DMGMCH, Hatuara, Purulia
4	Amendment request by e mail to the office of Tender Inviting Authority -closing date	07.10.2021 till 6 pm
5	Online bid submission start date	08.10.2021 from 12 pm
6	Online bid submission & documents download end date	26.10.2021 at 12 pm
7	Dates for submission of Earnest Money deposit/ EMD exemption those having SSI (MSME) Part II or NSIC certificate online	08.10.2021 from 12 pm to 26.10.2021 till 2 pm
8	Online bid opening date for Technical proposals	28.10.2021 at 12 pm
9	Date of online uploading list for Technically qualified Bidders	11.11.2021 at 12 pm
10	Date of online opening of Financial Proposal	12.11.2021 at 12 pm

Terms & Conditions of the Tender

Minimum Eligibility Criteria

1. a) Only those Supplier (having Trade License for such type of business) who have experienced in such type of job of at least 3 Years will be eligible.
b) Only those Firms who have done such type of experience in supplying same articles in Govt. Organization or Semi-govt. or Govt undertakings [Credential Certificate(s) against the order copy should be uploaded].
2. Bidder will require to deposit Rs. 44,000/- (Rupees forty four thousand) only as Earnest Money in the form of Online Submission.
3. Any co-operative without having proper permission (from Competent Authority for such job) of concerned business will not be entitled to get any rate preference.
4. Documents required for Technical Bids are mentioned in specimen Form of Technical Bid.
5. Rate (s) to be quoted against each specified item as mentioned in Financial Bid (BOQ) Form.
6. The successful tender (s) will have to deposit Security Money @ 3% of the total order value in the form of Online submission within 7 (Seven) days of acceptance of the offer.
7. The unsuccessful tenderer(s) will receive their earnest money back in time .The earnest money will be refunded after the deposit of full amount of the Security Money for successful Tenderer(s).
8. The Earnest money will be forfeited if the tenderer(s) withdraw(s) the tender after opening of bids.
9. The Security deposit of the successful selected tenderer may be forfeited for failure to supply within specified time and or, for supplying unsatisfactory articles in quantity and quality.
10. Annexure I of NIT to be furnished in the Company's official letter pad with full address and contact no / email address etc. otherwise it will be treated as cancelled.
11. Bidders will have to present original requisite documents in support of uploaded documents for verification, if asked for.
12. Validity of Tender will normally be 1 year (365 days) from the date of acceptance of tender.
13. The successful bidder will be bound to supply the item(s) within specific dates, mention in the procurement order.
14. Interested bidders for enquiry regarding Specification or any others may be mail to Principal, Deben Mahata Government Medical College & Hospital through email to prinpuruliagmch@gmail.com within seven working days from the date of online floating of the tender.
15. All terms and conditions as mentioned above will have to be accepted by the Tenderer(s).
16. E- Tender should be addressed to the Principal, Deben Mahata Government Medical College & Hospital, Purulia; Bidders may download tender enquiry documents from the website www.wbhealth.gov.in.
17. Any subsequent notice regarding this tender shall be uploaded in, ww.wbtenders.gov.in website only. In the event of any of the above mentioned dates being declared as a holiday for the DEBEN MAHATA GOVERNMENT MEDICAL COLLEGE, PURULIA the tenders will be opened on the next working day at the appointed time or as desired by Tender selection Committee.
18. Financial Bid is attached herewith (BOQ).

19. All the terms and conditions as mentioned above will have to be accepted by the Tenderer(s).
20. The authority reserves the right to accept or reject any tender in part or in full even the entire tender process at any time prior to the award of contract without assigning any reasons thereof.



30.9.21

Principal
Deben Mahata Government Medical College & Hospital
Purulia

Principal
Deben Mahata Govt. Medical College & Hospital
Purulia

Annexure - I
Application Format

To,
The Principal
Deben Mahata Government Medical College & Hospital
Purulia

Sub: E - tender for procurement of Four (04) nos. of Anaesthesia Work Station for Anaesthesiology department by the Principal, Deben Mahata Government Medical College & Hospital

Having examined the pre-qualification & other documents published in the N.I.T. I /we hereby submit all the necessary information and relevant documents for evaluation:

1. That the application is made by me / us on behalf of _____ In the capacity _____ by me or duly authorized to submit the offer.
2. That I /We accept the terms and conditions as laid down in the NIT mentioned above and submitted with rubber stamp & signed as uploaded and declare that I/we shall abide by it throughout the tender period.
3. I am/we are offering rate(s) for the following item / items with manufacturing capacity" and assured supply to the PRINCIPAL of DEBEN MAHATA GOVERNMENT MEDICAL COLLEGE & HOSPITAL, PURULIA
4. In the event of being selected, I will make the supply within the stipulated period excepting the condition which is beyond our control.
5. We understand that:
(a) Tender Selection Committee of Deben Mahata Government Medical College & Hospital can amend the scope & value of the contract bid under this project.
(b) Tender Selection Committee of Deben Mahata Government Medical College & Hospital reserves the right to reject any application without assigning any reason.

Date:
Mobile No:

Signature of applicant including title and capacity
in which application is made

Annexure - II
CHECK LIST

[All points are to be filled up; no places are to be kept vacant. For statutory clearances/registrations not applicable, mention NOT APPLICABLE / "NA" instead of keeping blank.]

1. Name of the work	
2. Tender Notice No	
3. On line document download ended	
4. Name of the institution tendered for	Principal, Deben Mahata Government Medical college & Hospital, Purulia
5. Online submission of EMD Earnest Money	
6. Are you exempted from EMD (Y/N)	
7. Name of the bidder in block letter as in DSC	
8. Full address	
	E- Mail -
	Telephone No/ Mobile No-
	Fax -
9. Go down Address (IF ANY)	
10. Legal entity of the bidder whether firm/ Society/ Company/ other entity	PROPRIETORSHIP/ PATNERSHIP/PVT LTD/LTD. OR OTHER (PLEASE WRITE APPROPRIATE CAPACITY)
11. Trade Licence Issuing Authority with whom registered	
12. TL License No.....	Valid up to
13. P. Tax enrolment No.	Paid up to
14. Name & address of the banker of the bidders	
15. a) PAN No./ TAN NO. b) CST VAT No. & PROVISIONAL	
16. 3 years of Experience in supplying similar items.	Yes No
17. Black Listed by any Govt. Authority Govt. Undertaking at any time. If yes, provide details	Yes No

18. Has the firm or principal employees convicted in our have pending in any court any vigilance matter. If yes, provide details.	Yes	No
19. Any litigation against the Firm or its proprietors or its principals? If yes, If Yes, provide details.	Yes	No
20. Any other relevant information wish to Submit		
I have gone through the eligibility criteria for participating in the tender and certify that all the conditions have been fulfilled.		
I have read the General & Special Terms & conditions, including the penal provision, as given in the tender documents as per tender notice quoted above. I have accepted them and agree to abide them. I also do agree to abide by agreement as imposed by the DEBEN MAHATA GOVERNMENT MEDICAL COLLEGE & HOSPITAL, PURULIA if declared successful in my bid.		

I certify that the above information is correct and true to the best of my knowledge and belief. Nothing has been concealed, false fabricated and in case of information found incorrect later on. I the under signatory will be personally responsible for the same.

Date:

Full Signature of the bidder/ Authorized Person & Seal

SPECIFICATION

Anaesthesia Workstation

General Specifications:

- Should be compact, integrated anaesthesia workstation for adult, paediatric & neonatal surgical cases.
- Should consist of Anaesthesia delivery system, integrated ventilator with absorber, Vaporizers & Anaesthesia Patient Monitor.
- The machine should be suitable for low and minimal flow anaesthesia application with compliance compensation of breathing circuit, fresh gas flow compensation/decoupling
- Should be ergonomic and movable on castors.
- The anaesthesia workstation, vaporizers & monitor should conform to European CE/ US FDA Safety Standards
- The anaesthesia workstation, vaporizers & monitor should be from the same manufacturers.
- The Anaesthesia Workstation should have a well-directed pre-check option that checks the entire system with ventilator as well as the vaporizers.

Gas Management

- Should have 3 gas system Air/O₂/ N₂O
- Should have mechanical hypoxic guard or sensitive oxygen ratio controller that guarantees a minimum O₂ concentration of 25% in the fresh gas flow.
- Concentration of O₂ is ensured at any O₂/N₂O mixture with proportionate decrease of N₂O with reduction of O₂ flow. N₂O cut off with loss of O₂ pressure
- Audible and visual alarm in case of O₂ pressure is low/O₂ supply failure.
- Should have mechanical setting of gas flow

- Electronic flow meter with digital display of all three gas (O₂,N₂O,Air)
 - O₂ Flow Range 0.1L/min 10 L/min or more

 - N₂O Flow Range 0.1L/min 10L/min or more

 - Air Flow Range 0.1L/min to 10 L/min or more
- Should have task light option for viewing even in dark.
- In case of electricity & battery failure, manual ventilation, oxygen delivery & agent delivery are possible.
- Should have one O₂ pin indexed yokes and N₂O pin indexed yokes with pipeline input connection for O₂, N₂O & one for Air.
- Individual analogue pressure gauges for O₂ and N₂O & air for both pipeline & cylinder supply with good visibility & clarity.
- System should have fresh flow compensation/fresh gas decoupling.
- All connection and cables should be internal so that they are not be visible to avoid cluttering of work station.
- Should be capable of delivering low flow or minimal flow anaesthesia with minimum agent consumption with a safe and cost effective system.

- Should have integrated oxygen flush 25-75L/min bypassing the vaporizer.
- Should have Auxilliary O2 Outlet.
- Should have Auxilliary Common Gas Outlet for connecting Bain Circuit, Magill Circuit or Jackson Rees Circuit.

Vaporizers

- Two vaporizers with agent specific filling devices for Isoflurane & Sevoflurane should be available.
- Should be provided with temperature/pressure compensated and flow independent vaporizers for Isoflurane & Sevoflurane
- Should be of Selectatec manifold type for tool free installation with tilt protection and interlock facility
- The manufacturer should have manufacturing facility of vaporizers Isoflurane, sevoflurane, desflurane etc.
- Vaporizer should have extended delivery range from 0-5/ vol% for Isoflurane & 0-6% for Sevoflurane

Integrated Ventilator with absorber

- Should be an electronically controlled and pneumatically or electrically driven integrated ventilator
- Should be suitable for adult to neonatal patients without change of bellows
- Must have volume controlled mode and pressure controlled mode
- Must have SIMV & Pressure Support mode
- Spontaneous breathing, manual ventilation
- Should deliver the set tidal volume by automatically adjusting for the changes in fresh gas flows, small system leaks, changing lung compliance or compression losses in the ventilator or absorber.
- Should have autoclavable flow sensors at both inspiratory & expiratory port of the ventilator for better leak compensation & better trigger sensitivity
- Flow valve range should be 1 to 120L/min.
- Tidal volume range should be 20 ml to 1400 ml in volume control for application on wide range of patients from neonates to adults.
- Provision for respiratory frequency should be 4 to 80 BPM
- Inspired Pressure range of 5 -50 cmH₂O
- Maximum Pressure in Volume Mode 10-99 cmH₂O
- PEEP Range: 4 to 20 cmH₂O
- I:E Ratio 2:1 to 1:4
- Inspiratory pause 0 to 60%
- Flow trigger sensitivity of 0.3l/min to 10L/min
- The entire breathing system including flow sensor and absorber should be autoclavable to 134oC
- The flow sensors at the inspiratory & expiratory port should be swappable.
- The breathing system volume should not be more than 3 litres for faster gas kinetics
- Should have a built in autoclave able circle absorber that can take any medical grade soda-lime absorbent
- The system should have bypass facility for the absorber.
- Circle Absorber should be 1.5 Lit or less capacity for faster gas kinetics
- APL Valve for direct setting of release pressure
- APL Valve Range 1 -70 cmH₂O
- Bag to vent switch

Airway Display

- The anaesthesia workstation should have a minimum 10" and above display with touch screen facility
- It should display waveform of Airway Pressure vs Time, Flow Vs. Time
- Continuous monitoring of inspiratory O₂ concentration, breathing frequency. Airway pressure (Paw, Peak, Mean, PEEP) Tidal volume, Minute Volume.
- It should display peak, mean pressures, tidal & minute volume
- Should have audible & visual alarm for all parameters with facility to set alarm limits
- Alarm limits: High/low limit with audio and visual alarm for the following: Expiratory tidal volume, expiratory minute volume, Airway pressure & respiratory rate.
- Should display spirometry loop with dynamic compliance.

Anaesthesia Monitor Specifications

- It should be a modular configurable patient monitor.
- The monitor should be with 12" TFT/LED/LCD display with touch screen & knob with at least 5 wave forms and 20 parameter numeric on single display.
- It should monitor vital parameters: ECG, NIBP, SpO₂, EtCO₂, two temperature measurements (skin and core) and two invasive pressures & Anaesthesia Gas Measurement.
- It should be capable of monitoring processed EEG based depth of anaesthesia (BIS/Entropy) & Neuromuscular Transmission (NMT) & cardiac output monitoring. The modules for these parameters should be quoted separately as an option.
- The modules should be from the same manufacturer.
- The waveforms should be user selectable.
- ECG monitoring with full range of lethal arrhythmia recognition capability and ST analysis and at least 12 hour trend.
- There should be facility to retrieve at least 24 hours patient monitoring data.
- Simultaneous display of any one chest and any one limb leads must be available.
- Facility for protection from the interference of electrosurgical apparatus is mandatory.
- Pulse Oximeter (SpO₂) with Plethysmograph & Pulse strength indicator with variable pitch with change in SpO₂ [Range: from at least 35% to 100% (accuracy: $\pm 2\%$).]
- It is desirable to have perfusion index display or equivalent technology.
- NIBP: Range: neonate/paediatric to adult, Modes: Auto/Manual Numeric display: Systolic, Diastolic, Mean.
- Respiration, Apnoea alarm, prioritized audio visual alarms and snap shot facility.
- Monitor should have provisions for automatic identification and measurement of anaesthesia agents, CO₂, O₂, N₂O and facility to measure at least halothane, isoflurane, sevoflurane and desflurane.
- It should display age specific MAC

Other Hardwares

- The system should have four casters with individual brakes
- The system should have total three drawers with atleast one lockable drawer.
- The system should have a fixed/pull out tray

- The system should have a pull out/fixed writing surface
- The system should have positional bag arm
- Should have passive scavenging system
- Operating Voltage 120/220-240 Vac \pm 10%, 50-60 Hz
- Battery backup minimum 60 mins

Standard accessories

Anaesthesia Workstation as per technical specification - 1 No.

Flow Sensors - 04 No.s

Adult reusable silicon circuit -02 No.s

Paediatric reusable silicon circuit -01 No.

Adult disposable circuit -20 No.s

Paediatric disposable circuit -20 No.

Bain Circuit -01 No.

JR Circuit -01 No.

Medical grade sodalime absorber (5L jar)-02 such

Silicon Breathing bag of size 2L, 1L & 0.5L -1 Each

Silicon Face Mask from size 0 to 4 - 1 each

Isoflurane Vaporizer -01 No.

Sevoflurane vaporizer - 01 No.

Anaesthesia Monitor as per technical specification - 1 No.

ECG Lead -2 No.

ECG Trunk Cable -2 No.s

NIBP Hose - 2 No.s

NIBP Cuff Adult - 5 No.s

NIBP Cuff Large Adult, Small Adult, Paediatric, Infant - 2 each

SpO2 Probe Adult - 5 No.s

SpO2 Probe Paediatric - 2 No.s

SpO2 Probe Infant - 2 No.s

IBP Cable with transducer holder & clamp - 2 No.s

IBP Transducer Disposable - 10 No.s

Temperature Cable Core - 2 No.s

Temperature Cable Skin - 1 No.s

Anaesthesia Gas Sample Line - 50 No.s

Anaesthesia Gas Water Trap - 20 No.s

The BIS/Entropy Module should be quoted optionally with at least 50 disposable sensors.

The NMT Module should be quoted optionally with reusable sensor and electrodes.

The Cardiac Output Module should be quoted optionally with inline temperature connections.

Desflurane Vaporizer should be quoted optionally.

Warranty

- 24 months from the date of commissioning and final acceptance against any manufacturing defect

Other Terms

- Should have installed at least 3 of the quoted model in West Bengal in any 200 bedded Govt hospital or private hospital.
- Should provide after sales service & spare for at least 8 years from the date of installation.
- Should provide a functional demonstration of the equipment at our hospital site for at least 5 days.
- Should provide a list of consumables & spares for the equipment with cost.

Memo No: DMGMCH/PRL/

Dated: September , 2021

Copy forwarded for information & necessary action to:

1. The Director of Medical Education, Department of Health & Family Welfare, Government of West Bengal, Swasthya Bhawan, Salt Lake City, Kolkata - 91
2. The District Magistrate, Purulia
3. The MSVP, DMGMC&H, Purulia
4. The Chief Medical Officer of Health, Purulia
5. DICO, Purulia
6. The IT Cell, Swasthya Bhawan, Kol-91 for uploading this tender notice in the official website of Dept. of Health & Family Welfare
7. District Information Officer, NIC, Purulia with request to publish the NIT through official website of Purulia District
8. The Accounts Officer, DMGMCH
9. Notice Board of DMGMCH& DMSH
10. DMGMCH Website
11. Office copy

Principal
Deben Mahata Government Medical College & Hospital
Purulia