

BIDDING DOCUMENT

FOR

SUPPLY OF EQUIPMENT FOR MEDICAL COLLEGE HOSPITALS OF ASSAM (ANESTHESIOLOGY)

IFB NO.DME/207/2012/9771, Dated: 31/07/2012

Due for opening on

27-08-2012

at

3.00 PM

*Bidding Document issued to M/S.....
on dated against the receipt of Rs..5000/--(Rupees Five Thousand)
only in the form of Bank Draft/Bankers' Cheque No.....
Dated.....*

*Director of Medical Education,
Assam.*



**GOVERNMENT OF ASSAM
DIRECTORATE OF MEDICAL EDUCATION, ASSAM,
SIXMILE, KHANAPARA, GUWAHATI-781022.**

GOVERNMENT OF ASSAM
OFFICE OF THE DIRECTOR OF MEDICAL EDUCATION, ASSAM
SIXMILE, KHANAPARA, GUWAHATI-22

FAX NO-0361-2366236

No. DME/207/2012/9771

Dated: 31-07-2012.

INVITATION FOR BIDS
(NATIONAL COMPETITIVE BIDDING)

Sealed Bids (Two Envelope System) affixing court fee stamp of Rs. 8.25 (Rupees eight point two five paise) only are invited from the intending manufacturer/ Accredited Dealers for supply and installation of Equipments/Machines for various Departments of Medical College and Hospitals of Assam under the Health & F.W. Department, Govt. of Assam.

IFB No.DME/207/2012/ 9771	Dated: 31/07/2012	
CLOSING DATE & TIME FOR RECEIPT OF BIDS	27-08-2012	AT 2.00 PM
BIDS OPENING DATE AND TIME	27-08-2012	AT 3.00 PM

1. Bid schedule

Name of the Deptt.	Name of Items	Tender Fee	EMD (Bid Security)
Anesthesiology	Multi-parameter monitor	Rs.5000/-	Rs.3.00 lakhs
	Parameters – ECG, NIBP, SPO2, HR,ETCO2		
	Boyle's Apparatus		
	Anesthesia Workstation		
	Fiber optic bronchoscope for adults		
	Instruments with all accessories		
	Transport Ventilator		
	Ventilator		
	Infusion Pump		
	Pulse Oxymeter		
Patient controlled Analgesia Device			

2. Bidding documents are available for sale at this office during the office hours on all working days from **02-08-2012** till a day prior to the closing date of receipt of bid indicated above, against the payment of non-refundable Tender fee as mentioned above in the form of a crossed demand draft/Banker's Cheque in favour of the "Director of Medical Education, Assam, Sixmile, Khanapara, Guwahati-22" Payable at SBI-Dispur Branch (Guwahati). Bidders desirous of having bidding documents by post shall have to submit a big size self-addressed envelop affixing postal stamp of Rs. 200/- (Rupees two hundred only) along with the Bank Draft/Bankers Cheque of Tender fee as stated above indicating the Tender Identification Code No. The bidding documents can also be downloaded from the official web site of Directorate of Medical Education, Assam (www.dmeassam.gov.in) NIC, Govt. of Assam (www.assamgovt.nic.in) and NRHM, Assam (www.nrhmassam.in). In case of bid documents downloaded from the website mentioned above the required fees as mentioned above per group has to be deposited at the time of submission of tender. In case of any disparity between the printed version of the tender documents sold through the Directorate and the downloaded version, the printed will be prevail.

3. It is the responsibility of the bidders to ensure that their bids are dropped in the tender box in the office of Directorate of Medical Education, Assam, Sixmile, Khanapara, Guwahati-22” by the closing date and time stipulated above.
4. The bid documents are not transferable.
5. The undersigned is not bound to accept the lowest rate and reserve the right to reject or cancel the tender without assigning the reason whatsoever.
6. **The Vendor will quote only for one model against the specification of the Equipments/ Instruments shown in the Bid document. In case the Vendor is interested to offer two models against the same specification, the Vendor has to deposit separate E.M.D. as per Schedule of requirement.**

Sd/- Prof.D.Hazarika.
Director of Medical Education, Assam

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SCHEDULE-1

TERMS AND CONDITIONS:

1. This Invitation For Bids (National Competitive Bidding) is open to all eligible manufacturer and/or their accredited dealers
2. Bid must reach the office of the Director of Medical Education, Assam Sixmile, Khanapara, Guwahati-22” as in the date and time as stipulated in the IFB. A late Bid will not be accepted under any circumstances and for reasons what so ever.
3. All Bids duly sealed must be addressed to the Director of Medical Education, Assam, Sixmile, Khanapara, Guwahati-22” and IFB No with Name of the Deptt. should be **super scribed prominently** in the covering envelope along with full name and address of the Bidder.
4. The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Governor of Assam, herein after referred to as “the Purchaser” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tender process.
5. It is the responsibility of the Bidder to ensure that their Bid, whether sent by post or by courier or by person are dropped in the Tender Box in the office of the Director of Medical Education, Assam, Sixmile, Khanapara, Guwahati-22” within the stipulated date and time as mentioned in the IFB. The DME, Assam will not undertake any responsibility whatsoever for postal delay in process of submission of Bids.
6. The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidder’s risk and may result in the rejection of its bid.
7. **Bidders shall submit their bids in two parts as under:**
 - a) **Technical bids**, in triplicate, consisting of technical details bringing out clearly in a separate sheet, the deviations in specifications if any from that of ‘Technical Specifications’ and also clause-by-clause compliance of specifications along with the commercial terms and conditions and bid security.
 - b) **Price bids** showing only item wise prices in a separate sealed cover inside the main cover.
 - c) It may be noted that when the main cover is opened on the date and time scheduled for Bid opening, only the technical bids will be opened and read out in public.
 - d) Bidders whose technical bids are found substantially responsive will be informed of the date and time of opening of their price bids. Price bids of others will be returned to them unopened before opening the price bids of others.

The Bids should be duly marked and sealed, as “Original”, “Duplicate” and “Triplicate”. The sealed bids viz. Original, Duplicate and Triplicate of Technical and Price Bids as mentioned above should be put together finally in a big envelope, which should be sealed as per the clause 3 above.
8. It may be noted that Technical bids will be opened and read out in presence of bidders or their authorized representative if they desire to remain present on the date and time scheduled for Bid opening,
9. The original, duplicate and triplicate copies of the bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the contract. Written power-of-attorney accompanying the bid shall indicate the letter of authorization. The person or persons signing the bid shall initial all pages of the bid, except for un-laminated printed literature.

10. In the event of any discrepancy between original, duplicate and triplicate bids, the original shall govern.
11. The bidder shall complete the bid forms and the appropriate price schedule (**Annexure-II and Annexure-III**) furnished in the bidding documents, indicating for the goods to be supplied, a brief description of the goods, their country of origin, quantity and prices.
12. For comparison of bids, the purchaser will grant a margin of preference to goods in accordance with the Govt. standing procedures, provided the bidder shall have established to the satisfaction of the purchaser that the goods are eligible for price/purchase preference.
13. However, the quantum of price/purchase preference to be allowed shall be determined by the purchaser on the merits of individual cases based on the prevailing Government policy as per the Assam Preferential Store Purchase Act and his decision shall be final and binding and the purchaser and/or the Government of Assam shall entertain no representations on this ground.
14. To assist in the examination, evaluation and comparison of bids, the purchaser may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.
15. Preliminary examination: The purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required EMD has been furnished, whether the document have been properly signed, whether the bid validity is as required and whether the bids are generally in order.
- 16. Bid from accredited dealers without proper authorization from the manufacturers shall be treated as non-responsive and shall be rejected.**
17. The bid shall remain valid for 365 (three hundred and sixty five) days after date of bid opening. The Purchaser shall reject a bid valid for a shorter period. In exceptional circumstances, the purchaser may solicit the bidder's consent to an extension of the period of tender validity. The request and the responses thereto shall be made in writing. The EMD (bid security) provided under clause 19 shall also be suitably extended. A bidder may refuse the request without forfeiting its bid security. A bidder granting the request will not be required nor permitted to modify its bid.
18. The contract should be completed within 45 days from the issue of formal supply order.
- 19. The bidder must furnish EMD (bid security) as per the schedule of requirement unless otherwise exempted under Govt. Orders/Rules in force.**
20. **The EMD** (bid security) shall be demonstrated in the Indian Rupees and shall be in one of the following forms:
 - a) Post Office Cash Certificates, National Savings Certificates (Certificates which are not held in the name of the bidder shall not be accepted).
 - b) Post Office Savings Bank Pass Book and
 - c) Deposit Receipts or Bank Guarantees (in the prescribed pro forma given at **Annexure-X** issued by any of the scheduled banks).

21. Any bid from a bidder who fails to furnish EMD (furnish a notarized copy of the registration certificate for the item quoted), not secured in accordance with clause 19 and 20 will be summarily rejected by the purchaser, as non-responsive.
22. Unsuccessful bidder's EMD (bid security) will be discharged / returned as promptly as possible. The bidders are advised in their own interest to send a pre-receipted challan along with their bid so that the return of EMD (bid security) after the bid have been rejected, is made within the stipulation period.
23. The successful bidder's EMD (bid security) will be discharged /returned upon the bidder executing the contract and after furnishing the Performance security, pursuant to clause 32.
- 24. The prices must be quoted in Indian Rupees. Bids, where prices are quoted in any other way shall be treated as non-responsive and rejected. The bidder shall indicate on the appropriate price schedule (Annexure-III) attached to these documents the unit prices and total bid prices of goods it proposed to supply under the contract.**
25. The Purchaser will technically evaluate all bids previously determined to be responsive and compare the bids previously determined to be substantially responsive and technically acceptable.
26. The Purchaser's evaluation of a bid will include and take into account:
The goods manufactured indigenously or goods of foreign origin already located in India: excise duty, sales tax and other similar taxes and duties, which will be payable on the goods if a contract is awarded to the bidder and the purchaser's evaluation of a bid will exclude and not take into account the additional features like training in India or abroad offered free or at an additional cost unless specifically asked for in the 'Technical Specifications'.
27. The comparison shall be of F.O.R. site and delivered and commissioned at consignee's end. The purchaser's evaluation of bid will take into account, in addition to the bid price and the price of incidental services, the following factors, in the manner and to the extent indicated in clause 28 and in the 'Technical Specifications':
- Cost of inland transportation and other costs within India incidental to delivery of the goods to their final destination at consignee's site,
 - delivery schedule offered in the bid,
 - deviations in payment schedule from that specified under clause 49.
 - the cost of guarantee/warranty and
 - the Performance and productivity of the equipment offered.
28. Pursuant to clause 27, following evaluation methods will be followed:
- Inland transportation, insurance and incidentals:**
Bidder shall quote separately for inland transportation, insurance and other incidentals for delivery of goods to the site.
 - Applicable Taxes:**
Bidder shall quote separately for all applicable taxes payable to the Govt. for delivery of goods to the site.
- 29. Purchaser's right to accept any bid and to reject any or all bids:** The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject any or all bids at any time prior to award of contract, without thereby incurring any

liability to the affected bidder or bidders or any obligations to inform the affected bidder or bidders of the grounds for the purchaser's action.

- 30. Notification of award:** Prior to the expiration of the period of bid validity, the purchaser will notify the successful bidder in writing, by registered letter or by cable or telex or fax (to be confirmed in writing by registered letter), that its bid has been accepted. The notification of award will constitute the formation of the contract.
- 31. Signing of contract:** At the same time, the purchaser notifies the successful bidder that its bid has been accepted, the purchaser will send the bidder the contract form provided in the bidding documents, incorporating all agreements between the parties. The successful bidder shall sign and date the contract form provided in the document. A registered Power of Attorney is to be supported with the bid in favour of the person(s) who will sign the bid as well as contract form if contract is awarded. (**Annexure-XII**)
- 32. Performance Security:** Immediately after the receipt of notification of award from the purchaser, the successful bidder shall furnish the Performance Security. The supplier shall furnish Performance Security to the purchaser for an amount of **5% (five percent)** of the order value, valid for the entire period of warranty. However, if the supplier fails to execute the order or fails to perform the services as per contract in addition to other panel actions, the performance security shall be encashed & the amount forfeited.
- 33. Failure of the successful bidder to comply with the requirement of clause 31 or clause 32 shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD (bid security), in which event the purchaser may like the award to the next lowest evaluated bidder or call for new bids.**
- 34.** The proceeds of the Performance Security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete its obligations under the contract.
- 35. The Performance Security** shall be denominated in the Indian Rupees and shall be in one of the following forms:
- a) Post Office Cash Certificates, National Savings Certificates (Certificates which are not held in the name of the bidder shall not be accepted),
 - b) Post Office Saving Bank Pass Book and
 - c) Deposit Receipts or Bank Guarantees (in the prescribed pro forma given at **Annexure-XI** issued by any of the scheduled banks).
- 36. Inspection and tests:** The purchaser or its representatives shall have the right to inspect and/or to test the goods to confirm their conformity to the contract. The purchaser shall notify the supplier in writing of the identity of any representatives for this purpose.
- 37.** The inspections and tests may be conducted on the premises of the supplier, at point of delivery and/or at the goods final destination, where conducted on the premises of the supplier, all reasonable facilities and assistance including access to drawings and production data shall be furnished to the inspectors at no charge to the purchaser. Should any inspected or tested goods fail to conform to the specifications, the purchaser may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet specification requirements free of cost to the purchaser, within a period of **15(fifteen)** days of intimating such rejection. The purchaser's right to inspect, test and, where necessary, reject the goods after the good's arrival at the final destination shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by purchaser or its representatives prior to the goods dispatch from the place of manufacture.

38. Nothing in clause 37 shall in any way release the supplier from any warranty or other obligations under the contract.

39. Qualification Criteria:

1. The bidder must be a manufacturer or their accredited dealers (specifically against this IFB for the subject goods) and had successfully executed contracts for similar and/or identical goods in the past three years prior to the date of Tender opening. In support of this, the bidder shall furnish Performance statement in the enclosed **Annexure-I**.
2. Notwithstanding anything stated above, the purchaser reserves the right to assess the bidder's capability and capacity to perform the contract satisfactorily before deciding on award of contract, should circumstances warrant such an assessment in the overall interest of the purchaser.

40. Warranty:

- i. The supplier warrants that the goods supplied under the contract are new, unused, or the most recent of current models and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in India, i.e. the country of final destination.
- ii. **The warranty should be as per the period mentioned in the Technical Specification.**
- iii. The purchaser/indenter shall notify the supplier in writing of any claims arising under this warranty.
- iv. Upon receipt of such notice, the supplier shall, with all reasonable speed, repair or replace the defective goods or parts thereof, free of cost at the ultimate destination. The supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the purchaser for the replaced parts/goods thereafter.
- v. If the supplier, having been notified, fails to remedy the defect(s) within a reasonable period, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchase may have against the supplier under the contract.
- vi. The warranty for defective parts will begin de novo from the date of replacement. Supplier will pay customs duty and all expenses up to the destination for the replaced part.

41. Reasonability of rates/ firm price:

- i. The bidder shall certify that the rates quoted are the lowest ones for any institution in the country.
- ii. During the period of the contract, if the price of any tendered item is reduced due to any reason including any Law or Act of the Central/State Government, the bidder shall be statutorily bound to intimate the reduced rates immediately to the purchaser and shall charge the reduced rates. The purchaser is empowered to unilaterally effect such reduction as is necessary in rates, in case the bidder fails to notify or fail to agree to such reduction of rates.
- iii. Subject to the condition stipulated above, the prices shall remain firm for the validity period of tender and on no account any increase in price shall be entertained till completion of the tender period.

- iv. No bidder will be allowed at any time on any ground whatsoever, to claim revision of or modification in the rates quoted by him. The representation of the bidder that computation/ typographical or clerical error etc. has been committed in the bid and request for reversion on such plea shall not be entertained after opening of the bid.

42. Contacting the Purchaser: Subject to clause 18, no bidder shall contact the purchaser on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. Any effort by a bidder to influence the purchaser in the purchaser's bid evaluation, bid comparison or contract award decisions shall result in the rejection of the bidder's bid and also banning of business dealings with the bidder for a period of three years from the date of such ban.

43. Documents establishing good's eligibility and conformity to bidding documents: The bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services, which the bidder proposes to supply under the contract. The documentary evidence of the goods and services eligibility shall consist of a statement in the price schedule. The documentary evidence of the goods and services conformity to the bidding documents may be in the form of literature, drawings and data and shall furnish:

- i. A detailed description of the goods essential technical and Performance characteristics,
- ii. A list giving full particulars, including available sources and current prices, of all spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of years, following commencement of the goods used by the purchaser and
- iii. A clause-by-clause commentary on the purchaser's 'Technical Specification' demonstrating the goods and services substantial responsiveness to those specifications or a statement of deviations and exceptions to the provisions of the 'Technical Specifications'.

44. Definition of Technical Specification: For purposes of the commentary to be furnished to clause 43 (iii) above, the bidder shall note that standards of workmanship, material and equipment and references to brand names or catalogue numbers designated by the purchaser in its 'Technical Specifications' are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the purchaser's satisfaction that the substitutions are substantially equivalent or superior to those designated in the 'Technical Specifications'.

45. Statutory taxes/ duties :

In case of any enhancement of Taxes and/ or duties or levy of fresh Taxes/ duties due to Statutory Act of the Govt., after date of submission of the tenders and during the contractual delivery period, additional or fresh levies so imposed will be allowed to be claimed as extra without any change in the price structure approved under the tender. For this purpose, the supplier shall produce a certificate from the authority concerned certifying that the item supplied falls under particular tariff resulting in additional/ fresh levies for the supplied item.

However, the same shall not be borne by the purchaser in case such levies become applicable after expiry of the contractual delivery period stipulated in the contract.

Further, in case the bidder has been enjoying Excise Duty exemption on any criteria like turnover etc. and at a later date, during currency of the contract, even if Excise Duty becomes chargeable on goods manufactured, the same shall be to the supplier's account and shall not be borne by the purchaser.

46. Penalty for delay in delivery:

Non-performance of the contract provisions may make the bidder liable to be disqualified to participate in any tender for the next 5 years, in addition to forfeiture of EMD / Performance Security and other penal provisions.

47. Force majeure:

The above condition of delivery period, price reduction & termination etc. are subject to force majeure conditions which are beyond the control of the supplier, do not involve fault or negligence of the supplier and are not anticipated. Such events may include but are not limited to riots, mutinies, war, fire, storm, tempest, flood, epidemics, or other exceptional causes like quarantine restrictions, freight embargoes. On specific request made by the supplier the time period of supply may be extended by the purchaser at his discretion for such period as may be considered reasonable. However, the condition shall not include scarcity of raw materials, power cut, labour dispute, failure of sub-vendor and increase in cost of raw material.

48. Fraud & Corruption:

The bidders, suppliers & contractors shall observe the highest standard of ethics during bidding and during performance of the contract. For the purposes of this provision, the following acts shall be considered as corrupt and / or fraudulent practices -

- a) "Corrupt Practice" means offering, giving, receiving, or soliciting directly or indirectly, of any thing of value to influence the action of an official in the procurement process or in contract execution.
- b) "Fraudulent Practice" means misrepresentation or omission of facts in order to execution of contract.
- c) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive level.
- d) "Coercive Practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process or in execution of a contract.

During the process of evaluation of a bid or proposal for award of a contract, if it is detected that a bidder directly or through agent has engaged in corrupt, fraudulent, collusive or coercive practice in competing for the contract in question, then a) the bid shall be rejected and b) declare the firm ineligible for a specific period or indefinitely to participate in a bidding process.

In the bid document itself, an undertaking has to be furnished in the format at **Annexure-VII**.

49. Local conditions:

It will be imperative on the bidder to fully acquaint himself of all local conditions and factors that would have any effect on performance of the Contract. The purchaser shall not entertain any request for clarifications from the bidder regarding such local conditions nor shall accept any offer conditional to the local factors. No request for any change of price or extension of time schedule of delivery of goods shall be entertained after purchaser accepts the bid.

50. Adjudication/Review board:

Any dispute arising out of or during execution of the contract shall be settled with mutual agreement through an Adjudication/Review Board appointed by the Health & F.W. Department, Govt. of Assam.

51. Saving clause:

No suit, prosecution or any legal proceedings shall lie against Tender Inviting Authority or any person for anything that is done in good faith or intended to be done in pursuance of tender.

52. Laws governing the contract & jurisdiction:

The contract shall be interpreted in accordance with the laws in force in India. All disputes shall be subject to the jurisdiction of appropriate court situated at Guwahati.

53. Payment Terms:

1. **Source of Fund:** The Health & F.W. Department, Govt. of Assam has received Grants from the 12th Finance Commission Award for the year 2005-2010 and intends to apply a portion of this fund to eligible payment under the contract(s) for which this IFB is issued.
2. **Procedure for payment:** The paying authority on production of the following documents shall make 100% Payment.
 - a. Invoice in triplicate are to be submitted to the paying authority along with the other documents after completion of the supply.
 - b. Stock Entry Certificate is to be obtained in the body of the Invoice in triplicate.
 - c. The original Challan Copy.
 - d. Test certificates.
 - e. Warranty certificates.

54. The bidder must submit the following documents along with the others as mentioned above in the Technical Bid with their tender:

- i. Up to date valid VAT registration certificate.
- ii. Up to date valid manufacturing license.
- iii. GRN/TIN and PAN.
- iv. Literature/catalogue/leaflet in support of the tendered item.
- v. Up to date dealer/ distributor certificate.
- vi. ISO/GMP and other quality certificate issued from competent authority.
- vii. Declaration on details of manufacturing unit, installed capacity of the item quoted, testing facilities and nearest after sales service facility with details of technical personnel, along with non - conviction certificate/ declaration for the past 3 years. (**Annexure IV**)
- viii. **Last 3(three) years Turn Over Rs. 3.00 Crores** and Statement for the last 3 financial years i.e. 2009-2010, 2010-2011, and 2011-2012 in the specified format (**Annexure V**) certified by the Auditor/ Chartered Accountant.
- ix. Undertaking in the form at **Annexure-VI** confirming acceptance of all terms and conditions of the tender
- x. An undertaking on fraud and corruption as per **Annexure-VII**.
- xi. Manufacturer Authorization letter as per the format enclosed at **Annexure-VIII**.
- xii. The bidder shall impart education and training to upgrade the skills of the medical professionals at various levels for which a tentative programme shall be submitted.
- xiii. The bidders shall duly fill in the agreed terms and conditions as per **Annexure IX**.

55. Additional Terms and Conditions:

- a. Total monetary value of similar nature of work performed during each of the last three years must be furnished by the bidder which are as follows:

- i) Experience in works of a similar nature and size for each of the last three years, and details of works underway or contractually committed; and clients who may be contacted for further information on those contracts;
 - ii) Evidence of access to line (s) of credit and availability of other financial Resources facilities (20% of Contract Value), certified by the Bankers (Not more than 3 Months old);
 - iii) Authority to seek references from the Bidder's Bankers;
 - iv) Information regarding any litigation, current or during the last three years in which the Bidder is involved, the parties concerned, and disputed amount;
- b. Bids from Joint ventures are not acceptable.
 - c. The bidder must be a profit making one for the last three years.
 - d. Information on Bid Capacity (works for which bids have been submitted and works which are yet to be completed) as on date of this bid.
 - e. The bidder shall impart education and training to upgrade the skills of the medical professionals at various levels for which a tentative programme shall be submitted.
 - f. The bidder shall provide backup services of trained Technical Personnel on 24 hours basis for emergency programming.
 - g. Bid shall be type – written and correction, if any, in the bid shall invariably be attested with full signature by the bidder with date, failing which the bid shall be considered ineligible for evaluation. Corrections done with correction fluid shall also be duly attested.

56. AMC/CMC:

Bidder shall quote for annual maintenance charges for the specified period as shown in the technical specification of each item, after the expiry of the warranty period. This cost will be added to the bid price during evaluation and preparation of the comparative statement. Rate of Comprehensive Maintenance Contract (CMC), i.e. cost of labour plus spares should be quoted separately.

**SAMPLE FORMAT FOR EVIDENCE OF ACCESS TO OR
AVAILABILITY OF CREDIT FACILITIES**

BANK CERTIFICATE

This is to certify that M/s
..... is a reputed company with good financial standing. If the contract for the
work, namely
is awarded to above firm, we shall be able to provide overdraft/credit facilities to the extent of
Rs.
to meet their working capital requirements for executing the above during the contract period.

(Signature)

Name of the Bank

Senior Bank manager

Address of the Bank

Address of the Purchaser/Paying authority:

**DIRECTOR OF MEDICAL EDUCATION, ASSAM,
Sixmile , Khanapara, Guwahati-781022.
TELE-FAX NO. 0361-2366236.**

Consignee:

- i. Principal-cum-Chief Supdt, Gauhati Medical College & Hospital- Guwahati.
- ii. Principal-cum-Chief Supdt, Assam Medical College & Hospital – Dibrugarh.
- iii. Principal-cum-Chief Supdt, Silchar Medical College & Hospital -Silchar.
- iv. Principal-cum-Chief-Supdt, Jorhat Medical college & Hospital, Jorhat
- v. Principal-cum-Chief Supdt., Fakhruddin Ali Ahmed Medical College & Hospital, Barpeta
- vi. Principal-cum-Chief-Supdt, Tezpur Medical College & Hospital, Tezpur.

Installation site:

**Gauhati Medical College Hospital, Guwahati.
Assam Medical College Hospital, Dibrugarh.
Silchar Medical College Hospital ,Silchar.
Jorhat Medical College & Hospital, Jorhat.
Fakhruddin Ali Ahmed Medical College & Hospital, Barpeta
Tezpur Medical College & Hospital, Tezpur**

Terms of Delivery: F.O.R. Destination (Gauhati Medical College Hospital, Guwahati, Assam Medical College Hospital, Dibrugarh and Silchar Medical College Hospital ,Silchar, Jorhat Medical College & Hospital, Jorhat, Fakhruddin Ali Ahmed Medical College & Hospital, Barpeta, Tezpur Medical College & Hospital, Tezpur)

SCHEDULE-2

SCHEDULE OF REQUIREMENT

Part-I

Name of the Department	Brief Description of Goods	Installation site	Delivery/Installation/Commissioning Period
Anesthesiology	Multi parameter monitor	G.M.C.& H. Guwahati, A.M.C. & H., Dibrugarh, S.M.C. & H., Silchar, J.M.C.& H. Jorhat, FAAM C& H. Barpeta & T.M.C.& H, Tezpur.	Maximum 45 days. However Bidders may quote earliest delivery/Installation /Commissioning period.
	Parameters – ECG, NIBP, SPO2, HR,ETCO2		
	Boyle's Apparatus		
	Anesthesia Workstation		
	Fiber optic bronchoscope for adults instruments with all accessories		
	Transport Ventilator		
	Ventilator		
	Infusion Pump		
	Pulse Oxymeter		
	Patient controlled Analgesia Device		

Note:

1. Bidder must affix court fee stamp (I.P.O in case of Bidders outside the State of Assam) of Rs.8.25 (Rupees eight and paise twenty five only) on the Technical Bid (Original Copy).
2. **Bidder should submit a soft copy (in CD) of Technical Bid in MS WORD format (only technical specifications/details of the goods and services proposed to be supplied under contract) to help in preparation of Comparative Statement which should be inserted in the Technical Bid (Original Copy). Any discrepancy between soft and hard copy, the hard copy (printed and signed documents) shall prevail.**
3. All the materials should be well packed to avoid any breakage during transit.
4. The responsibility for providing after sale service would rest on the Principal equipment supplier.
5. The Principal shall be solely responsible for warranty period and maintenance of the equipment even if there is any change in the accredited dealer during the above period.
6. **Bidders shall submit their bids in two parts.**
7. Bid security (EMD) to be furnished in favour of Director of Medical Education, Assam, Sixmile, Khanapara, Guwahati-22"
8. Bidders shall submit their Performance statement as per Performa along with certificate from the users and copy of the orders for the equipment quoted.
9. **The quantity mentioned is only the tentative requirement and may increase or decrease as per the decision of Tender Inviting Authority. The rates quoted should not vary with the quantum of the order or the destination.**

PART-II: SCOPE OF INCIDENTAL SERVICES:

- A. Installation, Commissioning, Demonstration, on-site training, Performance Supervision of on-site assembly, Start-up of the supplied Goods.

- B. The bidder shall impart education and training to upgrade the skills of the medical professionals at various levels for which a tentative programme shall be submitted.
- C. Detailed Operations and Maintenance Manual for each appropriate unit of the supplied Goods are to be provided by the successful bidder.

PART-III: TERMS OF DELIVERY

The equipment has to be delivered at the site of the following Institutions:

- i. Gauhati Medical College & Hospital, Guwahti (GMC)
- ii. Assam Medical College & Hospital, Dibrugarh (AMC)
- iii. Silchar Medical College & Hospital, Silchar (SMC).
- iv. Jorhat Medical College & Hospital, Jorhat (JMC).
- v. Fakhruddin Ali Ahmed Medical College & Hospital, Barpeta (FAAMC)
- vi. Tezpur Medical College & Hospital, Tezpur (TMC)

The periodic requirement of each medical college will be directly communicated to the supplier by letter / fax / e-mail / telephone and the same shall be delivered to the indenting authority without any delay.

SCHEDULE-3

TECHNICAL SPECIFICATION

Name of Equipments	Specification
Multi parameter monitor Parameters – ECG, NIBP, SPO2, HR,ETCO2	<ul style="list-style-type: none"> ● Should have facility to display ECG, RR, HR, Spo2, NIBP, ETCO2, single Temperature as standard parameters and with in built rechargeable battery back up of at least 2 hrs Operation ● ETCO2 should be main stream/Side stream/Micro Stream. ● Display: Color TFT display of size 12.1” or more ● Should display at least 10 waveforms of selected parameters simultaneously. ● Should display 7 ECG waveforms at a time when selected for ECG view option. ● Should have facility to save ECG waveform for atleast 30 minutes and be able to review the same ● SpO2 technology (Nellcor) should sens the SPO2 in hypotensive, shivering & motion condition. ● Should be able to analyze arrhythmia (18 types) & ST segments for all the leads ● Should have facility for displaying 6 different screen configurations. ● Should be able top store & display at least 72 hrs. for graphical trends of all parameters ● Trends should also store ECG waveform of patient. And can be previewed. ● Should be suitable for monitoring adult, pediatric & neonatal patients. ● Should be able to give visual & audible alarms with three levels of volume adjustment on violation of any monitored parapmeter ● Should have drug dose calculation software ● Should have wireless communication with central monitoring system’ ● Nurse call function should be included as standard configuration ● Should store data in event of power – off or patient disconnection. ● Facility of bed to bed remote monitoring when connected via Ethernet to central monitoring ● The monitor and listed accessories should be CE,ISO/TUV approved. ● Monitor should be CE & US FDA Certified. Valid 510k Certificate should be submitted along with bid else bid will be rejected. <p>The scope of supply should be : SpO2 reusable probe -1 NIBP cuff for adult, children and neonates – 1 each ECG Cable – 1 Temperature probe – 1 Operating manual – English - 1 CERTIFICATION FROM COMPETENT AUTHORITY</p>

<p>Boyle's Apparatus</p>	<ul style="list-style-type: none"> ● THREE Gases Anesthesia Machine O₂, N₂O & Air ● Trolley made of M.S. multi colour Powder Coated finish with anti rust lacquer coating ● Low & High Flow Anesthesia gas Delivery System ● Cascaded Five Tube three gases Rotameter ● Anti Hypoxic pneumatic Devices ensures no nitrous oxide flow. If oxygen flow is lower than 0.5 ltr/min (approx) minimum 25% (±5%) oxygen in surgery gas mixture Ratio control 1:3 mixed ratio between O₂ & N₂O gas flow ● Gas Inlet Port O₂ & N₂O Each 3 nos. & Air 1 No. Pin-indexed gas cylinder connections for O₂ & N₂O each 2 nos. & diameter index gas specific Central Pipe Line Connection each 1 No. for O₂ N₂O, Air ● Nitro-locking system ● Audio Visual Oxygen failure Alarm (OFWD) ● Interlocking facility between Air & N₂O gas Flow ● High efficiency Forged single stage & double stage pressure Regulators ● Compact pin indexing Yokes made of forged brass with stainless steel accessories ● Passive Scavenging System ● Independent point for oxygen Therapy flow available through BPC flow meter ● High precision pressure relief cum non-return valve ● Change over Mechanism with O₂ Flush (open & close Circuit) interchangeable facility. ● Large Dia (63mm) Panel Mounted cylinder pressure, operating pressure * pipeline pressure display Gauges ● Oxygen Out let Port for driving ventilator ● Electrical Power Point, 15 amp three pin socket 2 nos with MCB ● Stainless steel table top tray, Monitoring top tray, Moveable hanger hook, IV stand Mounting bracket for ventilator, two sliding drawers ● Antistatic Break system castor wheels ● Baines Circuit (Adult) with APL valve ● Gold man Halothane Vaporizer ● All Rubber antistatic tested. ● Provision For :- Top-Tec Circle Absorber, Anesthesia Ventilator, Tec Vaporizer, Multipara Monitor (Optional At Extra Cost) ● Size : 1545mm x 1070mm x 770mm (H x W x D) <p>With Premier Dou Top Tec Circle Absorber, with Meditec Pisces Tec Vaporizer for Halothane / Isoflurane with Selecta tea bar & O₂ Analyzer</p> <p>CERTIFICATION FROM COMPETENT AUTHORITY</p>
<p>Anesthesia Workstation</p>	<p>Compact and modular, three gas Anaesthesia Workstation with an integrated ventilator for adult to infants and integrated airway monitor for airway pressure and volume</p>

The machine should be suitable for low and minimal flow anesthesia application with compliance compensation of breathing ckt. fresh gas flow compensation/ decoupling

The machine should have 3 drawers

The anaesthesia machine, vaporizer and patient monitor should be manufactured by same company

The system should have upto 2 Hrs. battery backup

System should conform to EN 60601-2-13 (Requirement for safety and essential performance of anaesthesia system)

Gas delivery system

Should have pin index yokes for oxygen * Nitrous Oxide besides separate connection for Central gas supply for Oxygen, Nitrous Oxide and Air

The machine should have pressure gauges for cylinders & central supply lines mounted on front of Anaesthesia machine for better visibility. The gas connection should be non-interchangeable.

Automatic cutoff of N₂O by Oxygen pressure failure.

Hypoxic guard for linear regulation of minimum oxygen concentration at 21% volume and must ensure a minimum Oxygen flow of 200 ml at low fresh gas flow setting even below total 500 ml fresh gas flow

Audible visual oxygen failure alarm

Emergency Oxygen flush at 30 – 70 L/min bypassing the vaporizer

Flow meter

Dual cascade type flow tubes for oxygen & N₂O. Range 20 ml/min to Lit/min. Calibrated in multiple scales, Single tube for air 100 ml to 14 L/min.

Vaporizer

Machine should have possibility to mount two quick mount type vaporizer for easy interchangeability and safety.

Should be provided with a Temperature / pressure compensated and flow independent Vaporizer for Isoflourane & Sevoflourane.

Vaporizer should have extended delivery range from 0 to 6 Vol %

The vaporizer design should be maintenance free.

Breathing System

Should have fresh gas de-coupled semi closed circle absorber system.

Should have adjustable pressure relief valve from 5 to 75 mbar.

Should have change over from Spontaneous to Bag ventilation

with single step.
Should have optimized absorber canister approx 1.5 Ltr.
Should have an external fresh gas outlet for connecting Magill of Bain's circuit.

Anaesthesia Ventilator

Electronically controlled electrically driven ventilator should not require any driving gas

Should not require changing of bellows for adult & infants.

Modes: Volume controlled/ pressure control/SME/Manual/Spont

Tidal Volume : 20 – 1500ml

PEEP : 0 – 20 mbar

Breathing Frequency: 4 to 60 BPM

I:E Ratio : 4:1 to 1:4

Inspiratory pause : 0 – 50% of Ti

Frequency 1 to 60 1/ min I : E = 2:1 to 1:3

Should automatically compensate for Compliance of breathing system

Should have Desflurane compensation.

Should be able to ventilate with atmospheric air, in case of missing gases

Airway monitoring

Integrated monitor for electronic monitoring and flowing parameters:

Expiratory Tidal Volume

Expiratory Minute volume

PEEP, Peak & Mean and Pleth airway pressure

Frequency

Waveform display for Airway pressure

Alarm limits & alarms

Adjustable high / low limits with audio and visual alarms for the following

Minutes volume

Airway pressure (incl stenosis and disconnect.)

Insp oxygen concentration

Audio power supply fail alarm

Fail to cycle warning.

Options (Mention unit prices in price bid)

Color screen display

Should be upgradable to PCV, SIMV and PS

Breathing system warmer

Machine should have RS 232 connectivity port

Scope of supply

3 gas Anaesthesia machine

Trolley with 3 drawers

Writing surface

Pin Index yokes for O₂ & N₂O

Pipeline connections for all three gases

Ventilator & monitor

Semiclosed breathing system

Adult & Pediatric autoclavable patient tubings

Anaesthetic mask size – Adult & child
Vaporisers for Isoflourance & Sevoflourance
Central gas supply hoses (color coded)
Instruction for use

Patient Monitor with Anesthesia Gas Monitoring (AGM)

Should be suitable for adult, pediatric neonatal patients monitoring in fixed environment.
Should have minimum 5 channels of waveforms with 10” display with vertical and horizontal cursors
Battery backup for the base unit should be two hours
Should have automatic graphic and tabular trending of all monitored parameters as standard
Should have event recall minimum up to 50 events, graphical and tabular trends, drug dose calculations, alarm logs
Should have minimum ECG, NIBP, SpO₂, IBPs, Temp & ETG as standard
Should have basic Arrhythmia detection.
System should confirm to EN 60601-1 (Requirement for safety and essential performance)
Should have following parameters

ECG

5 lead ECG cable (for dual V lead display)
Should be able to monitor single or two leads of ECG waveform simultaneously.
Should display 12 leads of ECG by connecting 5 ECG lead wires (Reduced lead set algorithm) as standard feature.

RESPIRATION

Through impedance pneumography method for Adult, Pediatric * Neonatal patients.

SpO₂

Should display digital value and Plethysmograph.

NIBP

By oscillometric principle of measurement with step wise deflation.
Suitable for adult, Pediatric, neonatal patients
Should display Systolic, diastolic, mean pressure in large easy to read display.
Should have manual/ stat mode or automatic mode with adjustable time intervals from 2 – 240 minutes and adjustable alarm limits.

IBPs

2 IBP's should be standard
Can be Upgradeable to 4 IBP's

Temperature

Network ready for wired networking

Agent Monitoring to include agent analysis, N₂O, MAC value of different inhalation agent with color coding of agents.

Scope of supply must include:

	<p>Basic unit with battery 5 lead ECG Cable SpO2 finger sensor with cable Adult NIBP Hose set with Cuff – 2 sizes Anaesthetic gas module with 100 sampling lines and 12 water traps Mountings (Arms, Plates) for Monitors, power supply and modules on anaesthesia unit Instruction for Use CERTIFICATION FROM COMPETENT AUTHORITY</p>
<p>Fiber optic bronchoscope for adults instruments with all accessories</p>	<p>Broncho-Fiberscope for Adults Instrument Channel:2.3mm Direction of view. 0° Angle of view: 110° Working length: 54cm O.D.:5.2mm Following accessories are included: 27677 BB Case 11001 KL Biopsy Forceps, 1.7 mm, length 120cm 11002 KS Grasping Forceps 1.7 mm,120cm 1`1025 E Pressure Compensation Cap 13242XL Leakage Tester 27651 B Cleaning Brush 13272 Mouth Piece 11201 CA Rubber Lip Valve, disposable package of 20 11301 CD Suction Valve, disposable , package of 20</p> <p>TELECAM DX II 1-Chip Camera Control Unit (CCU), with integrated electronic Fiberscope Filter, Color system : PUL/NTSC, Power Supply: 100-240 VAC, 50/60 Hz consisting of 20233020 Telecam DX II Camera Control Unit 400A Mains Cord 536MK BNC-Connecting Cable, length 180cm 547S S-Video (Y/C) Connecting cables, for remote control of Video Printers.</p> <p>TELECAM-C 1-Chip C-MOUNT Camera Head with 2 freely programmable Camera Head Buttons, Color System PAL</p> <p>C-MOUNT lens, soakable, focal length f=30mm</p> <p>KARL STORZ Cold light Fountain HALOGEN 250twin with two 250Watt halogen lamps, with automatic switch-in spare lamp, one KARL STORZ light outlet Power Supply: 100/120/230/240 VAC, 50/60 Hz consisting of:20113320 Halogen 250twin 400A Mains Cord.</p> <p>Fiber Optic Light Cable, Size 4.8mm, length 250 cm, heat-resistant</p> <p>21 Inch High Resolution TFT Monitor CERTIFICATION FROM COMPETENT AUTHORITY</p>
<p>Transport Ventilator</p>	<p>The Portable Ventilator is used to transport a patient with artificial respiration support for all patient category (Adult, Pediatric and Inafant)</p> <p>Operational Requirements.</p> <p>The Portable ventilator should be light weight (<5kg)</p> <p>Should based on IPPV time cycled and portable, light weight. Should electronically controlled and pneumatically driven</p>

Should be able to work both with cylinders and pipeline, connectors and high pressure tubing of appropriate length to be supplied.

Technical Specifications

Should have venture/jet mixing/turbine-technology air – oxygen mixture

Should have following modes of ventilation:

IPPV or Control/Assist-Control, Pressure Support + PEEP, Apnea back up NIV (non-invasive ventilation)

Should have following settings

TV 15 – 3000ml (or minute volume 1-16 lpm)

PEEP/CPAP 0-20cmH20

Respiratory Rate 5 to 70bpm

I:E ratio 1:1.5 (Inspiratory time 40% of breathing cycle)

FiO2 50% & 100%

Pressure support level 0-50 cmH20

Trigger Sensitivity – Pressure 1 to 5 cmH20

Should have airway pressure monitoring

Should have Audio-visual alarms for

- Low supply pressure
- High/low airway pressure
- Gas supply
- Power failure
- Apnea
- Low Battery

Battery back up for minimum 5 – 6 hours

Should fix, on rails of transport trolley and stand with wheels.

System Configuration Accessories, spares and consumables

Main Ventilator Unit – 01

Adult Reusable / Autoclavable Silicon Patient Circuit with expiratory Valve -01 Pediatric / infant Reusable / Autoclavable Silicon Patient Circuit with expiratory.

Valve -01

	<p>Oxygen Hose -01</p> <p>Power supply unit / battery charging unit</p> <p>Power supply cable for 12 V DC</p> <p>Environmental factors</p> <p>The unit shall be capable of being stored continuously in ambient temperature of 0-40 C and relative humidity of 15-90%</p> <p>The unit shall be capable of operating continuously in ambient temperature of 10-40deg C and relative humidity of 15-90%</p> <p>Power Supply</p> <p>Power input to be 220-240VAC, 50Hz</p> <p>Standards, safety and Training</p> <p>Electrical; safety conforms to standards for electrical safety IEC-60601</p> <p>Product should be CE certified</p> <p>Manufacturer and supplier should have ISO certification for quality standards. The both should have good service track record.</p> <p>Comprehensive warranty for 1 year</p> <p>Documentation</p> <p>User Manual in English</p> <p>List of Equipments available for providing calibrating and routine maintenance support as per manufacturer documentation in service/ technical manual.</p> <p>CERTIFICATION FROM COMPETENT AUTHORITY</p>
<p>Ventilator</p>	<p>Description of Function</p> <p>ICU ventilators provide artificial respiratory support to the critical patients in all the types of Intensive Care Units with altitude compensation for volume and BTPS correction for monitoring.</p> <p>Operational Requirements</p> <p>Should be microprocessor Controlled ventilator with integrated facility for Ventilation monitoring suitable for Pediatric to adult Ventilator.</p> <p>The unit should be compressor based for precise gas delivery (not a turbine/piston/blower based). Turbine/blower/piston based machines will not be accepted. It should have neonatal patient category as an option. Demonstration of the equipment is a must.</p>

Technical Specifications

Hinged arm holder for holding the circuit.

Should have colored Touch Screen, 12 Inch or more.

- a. Should have facility to measure and display
- b. 3 waves-Pressure and Time, Volume and Time and Flow and Time.
- c. 3 loops –P-V, F-V, P-F with facility of saving of 4 Loops for reference.
- d. Graphic display to have automatic scaling facility for waves
- e. Status indicator for ventilator mode, Battery life, patient data, alarm settings, clock etc.
- f.

Simultaneous display of SET and exhaled parameters, 3 waveforms, 2 loops and Alarm setting.

Should have Trending facility for 72 hours.

Should have Automatic compliance & Leakage compensation for circuit

Should have Following setting for all age groups.

- a. Tidal volume 20 ml to 2500 ml
- b. Pressure (insp) 2 – 100 cmH₂O
- c. Pressure Ramp/Flow patterns
- d. Respiratory Rate 1 to 100 bpm, Insp. Time 0.1 to 3 sec, I : E Ratio 5:1 to 1:599
- e. Insp. Flow (resultant) 2 to 180 LPM, continuous Flow 0-40 lpm (in TCPL ode)
- f. CPAP/PEEP 0-50 cmH₂O
- g. Pressure support 2 – 100 cmh₂O
- h. FIO₂ 21 to 100%
- i. Pause Time 0 to 2 sec.
- j. Flow Trigger 0.2 to 15 ipm. Pressure Trigger 0.5 to 20 cmH₂O
- k. Expiratory trigger or exhalation sensi 5 – 80-% of flow

Should have Monitoring of the following parameters

- a. Airway Pressure (Peak & Mean)
- b. Tidal volume (Inspired & Expired)
- c. Minute volume (Expired)
- d. Spontaneous Minute Volume
- e. Total Frequency
- f. FIO₂ dynamic
- g. Intrinsic PEEP and PEEP_i volume (or trapped volume)
- h. Plateau Pressure
- i. Resistance (R_{insp} & R_{exp}) & Compliance (C_{dyn} & C_{stat})
- j. Use selector Alarms for all measured & monitored parameters

Should have Modes of ventilation

- a. Volume controlled
- b. Pressure controlled

- c. Pressure support
- d. SIMV (Pressure control and volume control) with pressure support
- e. CPAP/PEEP, PSV + assured tidal volume
- f. Non Invasive ventilation
- g. MMV + PSV or equivalent
- h. APRV / bivent /Bi-level or equivalent

Apnea / backup ventilation

Expiratory block should be autoclavable and no routine calibration required

Should have below advanced monitoring

- a. Intrinsic Peep & Intrinsic PEEP volume (Trapped volume)
- b. Occlusion Pressure (P0.1), Max Inspiratory pressure (pi max)
- c. Non-forced slow vital capacity, physiologic Dead space, RSBI, Imposed work of Breathing (WOBi), Expiratory Time constant (Tcexp)
- d. Facility to calculate lower and upper inflection point (P/V Flex points)
- e. Patient circuit compensation.

Should have Nebulizer with capability to deliver fine particle size of to be used in on line

Should have Ideal Body Weight facility

Should have Battery back up for minimum 1 hour

Should have RS 323C interface for communications with networked devices.

System should be supplied with below Accessories, spares and consumables

ICU ventilator with trolley – 10

Reusable silicon Adult patient circuit , reusable silicon pediatric patient circuit, -02 each

Reusable and autoclavable Flow sensor and exhalation valve – 2 each, Expiratory flow sensor and valve should have 2 years warranty

Hinged support Arm – 1 no

Air and oxygen Hose – each 1 no

Medical Air Compressor

Reusable Masks (Small, Medium, Large) with each machine – 01 sets ea

Humidifier Simple with Humidifier chamber 1 no

Optional Accessories / Software /Hardware

Optional modes for neonatal Patient category

	<p>Special Neonatal modes – TCPL, SIMV + TCPL + PSV, N-CPAP (With continuous flow), APRV Power and inlet gas pressure requirement</p> <p>Power input to be 220-240VAC, 50Hz</p> <p>Gas input (air and oxygen O 50-100 psi)</p> <p>Standards, Safety and Training</p> <p>The Main unit should be US FDA and CE approved product. The company should attaché valid</p> <p>510K and US FDA certificate along in the technical bid. The supplier must be ISO certified company.</p> <p>Demonstration of quoted equipment model is a must.</p> <p>Should have local service facility. The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.</p> <p>CERTIFICATION FROM COMPETENT AUTHORITY</p>
<p>Infusion Pump</p>	<p>Fully Microprocessor controlled</p> <p>Should have self diagnostic facility</p> <p>Mains cum battery operated with built in battery and charger</p> <p>Should accept syringe size from 10ml to 60ml or 100ml and should be calibrated for all major Indian and Foreign brand syringes</p> <p>Should have flow rates from 0.1ml / HR to 200 ml/HR</p> <p>Infusion should be programmable both in rate (ML/HR and also in time</p> <p>Should have high accuracy</p> <p>Should have both automatic & manual bolus facility</p> <p>Bolus rate upto 1000ml/HR with 50/60ml syringe or 1700ml/HR with 100ml syringe</p> <p>Should have 3 level occlusion pressure setting</p> <p>Should display vital parameters like rate of infusion, cumulative volume infused, and time should have better backup of 8 Hrs.</p> <p>CERTIFICATION FROM COMPETENT AUTHORITY</p>
<p>Pulse Oxymeter</p>	<p>Should have facility to display PR & SpO2 as standard parameter and with in built rechargeable battery back up of at least 2 hours of operation.</p> <p>Display : Color TFT display of size 7” or more</p> <p>Should display at least 4 waveforms, better technology to sense the SPO2 in hypotensive, shivering & motion condition, facility for displaying different screen configurations, able to store & display at least 72 hrs of graphical trends of all parameters , suitable for monitoring adult, Pediatric & neonatal patients, able to give visual & audible alarms with three levels of volume adjustment on violation of any monitored parameter</p>

	<p>The oximeter and listed accessories should be CE, ISO/ TUV approved.</p> <p>Should be upgradeable to ECG, NIBP, Respiration, Temperature and building thermal recorder.</p> <p>The scope of supply should be :SpO2 Adult reusable Probe-1 Operating manual – English – 1 CERTIFICATION FROM COMPETENT AUTHORITY</p>
<p>Patient controlled Analgesia Device</p>	<p>Graseby pump are subject to continual development and may, differ in detail from the following specification :</p> <p>Dimensions : 335mm x 195mm x 130mm (with pole clamp fitted and plunger clamp closed)</p> <p>Weight : Not exceeding 3.5 kg including batteries and pole clamp</p> <p>Concentration : 1 µg/ml to 99.5 mg/ml</p> <p>Loading dose : 0 µg to 99.5 mg</p> <p>PCS (bolus) dose : 1 µg to 99.5 mg</p> <p>Dose duration : STAT or 1 to 15 minutes</p> <p>STAT rates : 200 ml/hr for 50 syringe ; 100ml/hr for 30-35 ml syringe; 60 ml/hr for 20 ml syringe</p> <p>Lockout period : Zero to 360 minutes</p> <p>Total dose limit time : 1 to 8 hours</p> <p>Infusion rates : Continuous, using a 50/60 ml syringe and no bolus, 0 to 99.9 ml/hr.</p> <p>Continuous with PCA bolus, 0 to 20 ml/hr in 0.1 ml/h steps</p> <p>Maximum PCA bolus using 50/60 ml syringe, 1 to 200 ml/hour</p> <p>Supply voltage: 220-240 V or 110-120 V at 50/60 Hz, 15 VA</p> <p>Battery type : Sealed lead acid, rechargeable (Cyclon, 3 off)</p> <p>Smiths Medical recommended that the batteries are checked at least annually</p> <p>Battery life: More than 8 hours of normal pump operation when the batteries as fully charged. With the AC supply connected, up to 14 hours will be required to fully recharge low voltage batteries. This time extends if the pump is connected to the mains and running</p> <p>Syringe brands : BD Plastipak20, 30 and 50/60 ml; Terumo....20, 30./35 and 50/60 ml; Braun Omnifix...20, 30 and 50/60 ml; Monoject...20, 30/50 and 50/60 ml; *IMS PumpJet 30 ml pre-filled syringe' Injectomat...50 ml; DBL Rapi-ject...50 ml pre filed; Braun Perfusor...50 ml (conversion kit available , see Chap..8)</p> <p>The IMS syringe is accessed using the special key sequence: ALARM, PURGE and OFF</p> <p>When the Monoject syringe brand is displayed in the Configuration mode.</p> <p>Temperature range: Operating conditions : +5° to +40° C, 30 to 75% Rh, 700 to 1060 gPa</p> <p>Storage conditions: -40° to +70° C, 30 to 90° Rh, 700 to 1060hPa</p> <p>Drive accuracy: ±2%</p> <p>Occlusion: the occlusion pressure is factory set between 4.5 and pressure: 5.5 kg (i.e. between 608 and 740 mmHg)</p> <p>Electrical safety Class II; Type CF and Drip-proof. IEC601 part1. VFG1046/1984.</p> <p>Language versions: English.</p> <p>Data retention: All programmed values are retained following</p>

	<p>power off or AC failure.</p> <p>History of events: A facility exists that allows the operator to view or print out a history of the patients past events.</p> <p>RS232 connector: The printer/monitor port utilizes a D-type 9-way connector, and the Baud rate can be set via the Configuration mode to 9600, 4800, 2400 or 1200.</p> <p>CERTIFICATION FROM COMPETENT AUTHORITY</p>
Warranty	2 years
AMC& CMC	3 years

SCHEDULE-4

Annexure-I

PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last three years)

IFB No. :

Date of opening :

Time :

Name and address of the bidder:

Name and address of the manufacturer:

Order placed by (full address of Purchaser with phone number)	Order number and date	Description and quantity of ordered goods and services with the warranty period for similar nature of works.	Value of Order* (Rs.)	Date of completion of Contract		Remarks indicating reasons for delay if any	Have the goods been functioning Satisfactorily (attach documentary proof)
				As per contract	Actual		

Signature and seal of the bidder

* Value including all taxes.

Annexure-II

BID FORM AND PRICE SCHEDULES

IFB No.

Date

To

The Governor of Assam
Through the Director of Medical Education, Assam,
Sixmile, Khanapara, Guwahati-22”

Gentlemen,

Having examined the bidding documents the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver (description of goods and services) in conformity with the said bidding documents for the sum of (total bid amount in words and figures) or such other sums as may be ascertained in accordance with the schedule of prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to commence delivery within (number) days and to complete delivery of all the items specified in the contract and to perform all the incidental services within (number) days calculated from the date of your notification of award.

If our bid is accepted, we will obtain the guarantee of a bank in a sum not exceeding 5 (Five) percent of the contract price for the due Performance of the contract.

We agree to abide by this bid for a period 365 days from the date of opening of the bid (please specify the calculated date) and it shall remain bidding up on us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this.....day of

Signature
(in the capacity of)

Duly authorized to sign tender for and on behalf of

Annexure-III

PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA

Sl. No.	Item Description	Country of Origin	Quantity	Price per unit						Unit Price Including Ex-cise Duty [a+b+c + d+e+f]	Total Price Including Excise Duty 4x6	Sales and other Taxes/duties Payable, if Contract is awarded
				Ex-factory/ Ex-warehouse/ Ex-show-room/ Off-the shelf (a)	Excise Duty (if any) (b)	Packing and For-warding ©	Inland Trans-potation (d)	Insu-rance and Incidental costs (e)	Inci-den-tal Services (including supervi-sion) (f)			
1	2	3	4	5						6	7	8

Total bid price in Rupees:

In words:

Signature of bidder

Date:

Name

Place:

Business Address

NOTE:

(i) In case of discrepancy between unit price and total price, the unit price shall prevail.

Annexure – IV

**DECLARATION
On
Manufacturing facilities / After Sales Service**

Tender enquiry No

For supply of

- 1 Name of the bidder
- 2 Full Postal Address
- 3 Telephone No./Fax No.
- 4 Email address
- 5 Date of inception of business
- 6 Registration no. & Date
- 7 Issued by
- 8 Valid till
- 9 Details of manufacturing activity & item wise capacity
- 10 Detail of After Sales Service facilities available locally
Name of the Agency

Full Postal Address

Phone / Fax / E-mail

- 11 Name of person responsible for 10 above

Sl. No.	Name	Designation	Age	Residential Address

- 12 Has the bidder ever been black listed by any govt. agency? If yes, give details
- 13 Has any cases pending in the court related to any supplies? If yes, give details
- 14 Does the firm have the adequate facilities for inspection and quality

control? Please give details

I, _____ Proprietor/ Partner /Director of
M/s _____ hereby declare that
the information given in this form is true and correct to the best of my knowledge & belief. I/we
agree to the tender Inviting Authority forfeiting the Earnest Money Deposit and/or Performance
Security Deposit and blacklisting us for a period of 5 years, if any information furnished by us
proved to be false at the time of inspection and non – compliance with terms and conditions of
the contract

I offer to supply the items mentioned in the schedule (enclosed in price bid) at the rates quoted
therein. I agree to hold this offer for one year after finalization of rate contract.

Dated:

Signature

Name of the bidder

Address

ANNEXURE-V

ANNUAL TURN OVER STATEMENT

The Annual Turnover of M/s _____ for the past three years and concurrent commitment for the current financial year are given below and certified that the statement is true and correct.

Sl. No	Year	Turnover (Rs. in lakhs)
1	2009-10	
2	2010-11	
3	2011-12	
	Total	
	Average turnover per annum	

Date:
Seal:

Signature of Auditor/ Chartered Accountant
(Name in Capital)

Annexure-VI

UNDERTAKING

To

The Governor of Assam
Through the Director of Medical Education, Assam,
Sixmile, Khanapara, Guwahati-22”

IFB NO. _____

Sir,

1. I, Shri _____, on behalf of M/s _____ having registered office at _____, do hereby declare that I have gone through the terms and conditions mentioned for the above and undertake to comply with all tender terms and conditions. The rates quoted by me/us are valid and binding on me/us for acceptance for a period of one year from the date of award of contract to us.
2. I/We undersigned hereby bind myself/ourselves to the purchaser to supply all the offered equipment. The rates quoted by me/us for the items tendered for are specified against each. It is certified that rates quoted are lowest quoted for any institution in India and not higher than the **MRP/ prevailing market rate**.
3. The articles shall be strictly as per specification and of the best quality as per requirement of the institution. The decision of the Office of The Director of Medical Education, Assam (hereinafter called the said Director) as regards to the quality and specification of article shall be final and binding on me/us.
4. We undertake to provide back up services of Trained Technical Personnel on round-the-clock basis for emergency problem.
5. We undertake and confirm that the equipment shall be covered by our standard warranty as shown in the requirement. In case of any defect reported, the defective part shall be replaced.
6. We shall organize technical seminars / workshops at various locations within the State to impart education and training to the medical professionals as and when requested by the purchaser.
7. We agree to the conditions of the tender under which the EARNEST MONEY DEPOSIT and PERFORMANCE SECURITY DEPOSIT shall be forfeited by us.
8. We agree to accept the amount of the bill to be paid by the purchaser after completion of all codal formalities and should any amount of the bill found by the purchaser/auditors to have been over-paid; the amount so found shall be refunded by me/us.

9. We hereby undertake to supply the items during the validity of the tender as per direction given in supply order within the stipulated period.
10. We understand all the terms and conditions of the contract and bind myself/ourselves to abide by them.
11. We hereby declare that there is no vigilance/anti-corruption or court case pending against us at the moment.

SIGNATURE :

NAME & DESIGNATION :

DATE :

NAME & ADDRESS OF
THE FIRM :

SEAL :

ANNEXURE-VII

**UNDERTAKING
ON
FRAUD AND CORRUPTION**

We M/s Do hereby undertake that, in competing for (and, if the award is made to us, in executing) the subject contract for supply of Equipment under tender reference no. Dt We shall strictly observe the laws against fraud and corruption in force in the country.

Sd/-
Signature of proprietor/Partner/Director

Designation:

Seal:

Annexure-VIII

MANUFACTURERS' AUTHORISATION FORM

To,
The Director of Medical Education, Assam,
Sixmile, Khanapara, Guwahati-22”

Dear Sir,

IFB No. _____

We, who are established and reputable manufacturers of, having factories atand....., hereby authorize Messrs.(name and address of agents) to bid, negotiate and conclude the contract with you against IFB No.....for the above goods manufactured by us.

No company or firm or individual other than Messrs.....are authorized to tender negotiate and conclude the contract in regard to this business against this specific IFB as also for all business in the entire territory of India.

An agency commission of% included in the gross ex-works price is payable to Messrs.

We hereby extend our full guarantee and warranty as per clauses of contract for the goods offered for supply against this Invitation for Bid by the above firm.

Our other responsibilities include:

(i).....

(ii).....

(here specify in detail manufacturer's responsibilities)

The services to be rendered by Messrs.are as under:

(i).....

(ii).....

(here specify the services to be rendered by the agent).

Yours faithfully,
(name)

For and on behalf of Messrs.....(name of manufacturer)

NOTE: This letter of authorization should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer. **A copy of notarized power of attorney should also be furnished.**

ANNEXURE-IX

AGREED TERMS & CONDITIONS

IFB No. _____

A. Details of Bidder

Bidder	
Offer Ref	
Contact Person:	
Telephone No.	
Fax No.	
E-mail:	
Signature:	

B. Definitions

1. "Purchaser" means Director of Medical Education, Assam or his authorized representative.
2. "Bidder" or "Tenderer" means a person or firm or company who has made an offer for supply of goods and /or service as per tender.
3. "Vendor" or "Supplier" means a person or firm or company, to whom the order is addressed for supply of goods and /or services.
4. "Site" means the premises of the Medical Colleges of Assam or any other place as decided by the purchaser.

NOTE: The questionnaire below must be duly filled in and should be enclosed with the bid. Clauses confirmed here under should not be repeated. All commercial terms and conditions should be indicated in this format. If necessary, details including deviations to the terms and conditions of the bid document, if any, should be enclosed as annexure to this questionnaire. Clauses not applicable or not relevant may be marked NA.

Sl. No.	Description	<u>Vendor's Confirmation</u> (Confirmed/Noted/Deviation/ furnished separately)
C. Technical		
1.	Confirm that you meet the eligibility criteria as per bid document and have furnished relevant documents.	
2.	Confirm acceptance of Technical Specification And scope of supply as per Tender Document.	
3.	In case of deviations, confirm that the same have been highlighted separately.	
4.	Confirm that equipment catalogue and technical data, wherever applicable, have been enclosed.	
5.	Confirm that all certificates/ deviations furnished.	
6.	Confirm that Earnest Money Deposited (EMD) as per bid document, for each schedule quoted, enclosed.	
D. Commercial		
1.	It is noted that any deviations to the commercial terms and conditions shall lead to loading of prices or rejection of offer.	
2.	Confirm that the quoted prices are on duly installed and commissioned at site basis including packing & forwarding (P & F) all duties and taxes viz. Excise Duty, Sales Tax/VAT, freight, insurance, installation & commissioning at site.	
3.	Confirm furnishing of detail price break-up of each item showing all components of cost separately with basic price of equipment and other costs on %age of basic price to arrive at landed price in D2 above.	
4.	It is noted that the statutory variations in taxes and duties within the Contractual delivery period shall be borne by the purchaser.	
5.	If there is any variation or fresh imposition of Excise Duty at the time of supply due to various reasons, including turn-over, confirm that the same shall be borne by you.	
6.	If 5 above is not acceptable, advise maximum possible rate of ED chargeable, which shall be loaded to you price.	
7.	Confirm that in case of delay on you account any new or additional duties and taxes imposed after the contractual delivery date shall be to you account. This will be in addition to Price Reduction for Delay in Delivery.	
8.	Confirm acceptance of Price Reduction Schedule for delay in Delivery @ 0.5% of delayed value of goods per week of delay or part thereof subject to maximum of 10% of the total order of value.	
9.	Indicate Firm Delivery Period, which shall be	

	counted from the date of placement of order and date of commissioning and acceptance of the installed equipment by purchaser's representative shall be considered as the delivery completion date.	
10.	Confirm acceptance of relevant payment terms specified in the bid document.	
11.	Force Majeure—Delivery period, price reduction termination etc are subject Force Majeure Condition as stipulated in the bid document.	
12.	Confirm that the quoted prices shall remain firm & fixed till complete execution of the order.	
13.	a) In case you are a manufacturer confirm that the prices quoted are not higher in any respect than quoted / agreed prices to any Govt. or Public Medical Institution. b) In case you are a dealer/ distributor / authorized agent, confirm that the prices quoted are as per manufacturer's price list with appropriated discount (Copy of Price list to be enclosed).	
14.	a) Confirm that all inspection & testing charges including 3 rd party inspection (if required) included in the price. b) Quality Control Reports and Test Certificates, whenever applicable, shall be handed over to the purchaser along with the equipment.	
15.	a) Confirm that erection, commissioning, trial run and handing over to the purchaser, after successful commissioning is your responsibility at no extra cost. b) Specify facilities (if any), like water supply/ electric power to be provided by the purchaser for commissioning of the equipment.	
16.	Packing / forwarding, transportation, loading/unloading and insurance are your responsibility. However, to protect the equipment from physical damages and/or deterioration due to weather during transit, you are to ensure proper packing & lifting arrangement. Pl confirm compliance.	
17.	The material / equipment shall be guaranteed against any and all defects in design, workmanship, material & performance for a period shown in the Technical specification, from the date of commissioning and handing over to the purchaser. Should any defect detected or develop during the guarantee period, it shall be remedied promptly free of cost by the supplier and all expenses including transportation of goods necessitated for such repair and replacement shall be done by the supplier. Pl confirm acceptance.	

18.	Confirm that Performance Bank Guarantee shall be furnished for 5% of the total order value valid till guarantee period of the goods.	
19.	Confirm acceptance of Part order.	
20.	Confirm acceptance of Repeat order within 12 months from the date of basic order at same price and terms & conditions.	
21.	It is noted that the purchaser would disown any responsibility / liability toward irregularity, contravention or infringement of any statutory regulations including those of patent, on manufacture or supply of goods covered by the order.	
22.	Terms & Conditions indicated in this format shall not be repeated in the bid. Terms & Condition indicated elsewhere and contradicting those in this format shall be ignored. Confirm compliance.	
23.	Confirm that you shall observe the highest standard of ethics during bidding and in case favoured with an order, during execution of the order, without resorting to any fraud, corruption and/or coercion.	
24.	Confirm that the offer shall be valid for a period of 365 days from the date of bid opening.	

Annexure-X

EMD (BID SECURITY) FORM (BANK GUARANTEE)

Whereas.....[name of bidder] (hereinafter called “the bidder”) has submitted his tender dated(date)for the supply of.....(hereinafter called “the bid”).

KNOW ALL MEN by these presents that we ofhaving registered office at
(hereinafter called “the bank”) are bound up to the Governor of Assam(hereinafter call “the purchaser”) in the sum of for which payment well and truly to be, made to the said purchaser, the bank binds itself, its successors and assigns by these presents.

Sealed with the common seal of the said bank this day of, 2012 .

The conditions of this obligation are:

1. If the bidder withdraws its bid during the period of bid validity specified by the bidder on the bid form or
2. If the bidder, having been notified of the acceptance of its bid by the purchaser during the period of bid validity.
 - (a) fails or refuses to execute the contract form, if required or;
 - (b) fails or refuses to furnish the Performance Security, in accordance with the clauses of the tender.

We undertake to pay to the purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand the purchaser will note that the amount claimed by it, is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 90 (Ninety) days after the period of bid validity or as it may be extended by the purchaser, notice of which extension(s) to the bank is hereby waived and any demand in respect thereof should reach the bank not later than the above date.

Signature of the bank

Seal

Date.....

Place.....

Witness.....

.....
(signature, name and address)

Annexure-XI

PERFORMANCE SECURITY FORM (BANK GUARANTEE)

To
The Governor of Assam

Whereas.....
(name and address of the supplier) (hereinafter called “the supplier”) has undertaken, in pursuance of contract No.....dated.....2012 to supply (description of goods and services (hereinafter called “the contract”).

And whereas it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract.

And whereas we have agreed to give the supplier such a bank guarantee.

Now therefore we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of(amount of the guarantee in words and figures), such sum being payable in the types and proportions of currencies in which the contract price is payable, and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid for the entire period of warranty from the date of completion of order.

Place and Date

Signature and seal of the guarantor

Annexure-XII

CONTRACT FORM

(To be stamped as an agreement in the court stamp paper valued Rs. 100/-)

This agreement made theday of..... 2012 between the Governor of Assam (hereinafter “the purchaser”) of the one part and (name of supplier) of (address, city and country of supplier) (hereinafter “the supplier”) of the other part.

Whereas the purchaser is desirous that certain goods and ancillary services, viz. (brief description of goods and services) and has accepted a bid by the supplier for supply of those goods and services in the sum of (contract price in words and figures) (hereinafter “the contract price”).

Now this Agreement witnesses as follows:

01.The following documents shall be deemed to form and be read and construed as part of this agreement, viz.:

- (a) the Technical Specifications,
- (b) the Terms and Conditions of the Tender Document
- (c) the Supplier’s bid and original Price Schedules and
- (d) the Purchaser’s Notification of Award

02. In consideration of the payments to be made by the purchaser to the supplier as hereinafter mentioned, the supplier hereby covenants with the purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the contract.

03.The purchaser hereby covenants to pay the supplier in consideration of the provision of the goods and services and the remedying of defects therein, the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract. Brief particulars of the goods and services which shall be supplied/provided by the supplier are as under:

SL. No.	Brief description Of goods/services	Quantity to be supplied	Unit price	Delivery terms (FOB/CIF/FOR etc)

Total value:

Delivery schedule:

In witness whereof the parties hereto have caused this agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed and delivered by the said..... (for the purchaser)
in the presence of

Signed, sealed and delivered by the said (for the supplier)
in the presence of.....