

BIDDING DOCUMENT

FOR

SUPPLY OF INSTRUMENTS /EQUIPMENT FOR MEDICAL COLLEGE HOSPITALS OF ASSAM

IFB NO.: DME/240/2005/Pt.II/18566.

Dated: 09/12/2010

Due for opening on

29-12-2010

at

3.00 PM

*Bidding Document issued to M/S.....
on datedagainst the receipt of Rs.2000/- (Rupees two 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/ 240/2005/Pt.II/18566

Dated: 09-12-2010.

INVITATION FOR BIDS
(NATIONAL COMPETITIVE BIDDING)

Sealed Bids (Two envelop System) are invited from the intending manufacturers or accredited dealers for supply and installation of Equipments/ Instruments for use in the Medical College Hospitals of Assam under the Health & F.W. Department, Govt. of Assam.

IFB No.DME/240/2005/Pt./18566

CLOSING DATE & TIME FOR RECEIPT OF BIDS : 29-12-2010 At 2.00 P.M.
BIDS OPENING DATE & TIME : 29-12-2010 At 3.00 P.M.

1. Bid Schedule

Tender Identification Code No.	Name of Items	EMD (Bid Security)	Tender Fee
Plastic Surgery - 01	1. Plastic Surgery Instruments 2. Operating Microscope 3. Micro-surgery Instruments	Rs.1,00,000/-	Rs. 2,000/-
Neuro-surgery - 02	1. Bipolar surgical unit with irrigation system 2. High speed electrical drill for cranial and spinal surgery 3. Neuro-endoscope 4. ICP monitor 5. Craniotomy set 6. Neurosurgical operating microscope 7. Ultrasonic aspirator/dissector	Rs.2,00,000/-	
Surgery - 03	1. General Surgical Instruments 2. Pediatric Surgical Instruments 3. Accessories and hand instruments for Laparoscopy	Rs. 50,000/-	

- Bidding documents are available for sale at this office during the office hours on all working days from **09-12-2010** 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 per group 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. 75/- (Rupees seventy five 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 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.
- 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.
- 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. per Models.**

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-781022 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-781022 and IFB No with Tender Identification Code 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-781022 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 authorisation 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':
 - a) Cost of inland transportation and other costs within India incidental to delivery of the goods to their final destination at consignee's site,
 - b) delivery schedule offered in the bid,
 - c) deviations in payment schedule from that specified under clause 49.
 - d) the cost of guarantee/warranty and
 - e) the Performance and productivity of the equipment offered.
28. Pursuant to clause 27, following evaluation methods will be followed:
 - a) **Inland transportation, insurance and incidentals:**
Bidder shall quote separately for inland transportation, insurance and other incidentals for delivery of goods to the site.
 - b) **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 encased & 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.
- vii. During the warranty period, the desired uptime of 95% of 365 days on a 24 hours basis shall be ensured.

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. 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. Annual Turn Over Statement for the last 3 financial years i.e. 2007– 08, 2008 – 09 and 2009-10 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;
- c. Bids from Joint ventures are not acceptable.
- d. The bidder must be a profit making one for the last three years.
- e. 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.
- f. 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.
- g. The bidder shall provide backup services of trained Technical Personnel on 24 hours basis for emergency programming.
- h. 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

Installation site: Gauhati Medical College Hospital, Guwahati.
Assam Medical College Hospital, Dibrugarh.
Silchar Medical College Hospital ,Silchar.
Jorhat Medical College & Hospital, Jorhat.

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.

Schedule-2
SCHEDULE OF REQUIREMENT

Tender Identification Code No.	Brief Description of Goods	Installation site	Delivery/Installation/Commissioning Period
Plastic Surgery - 01	1. Plastic Surgery Instruments 2. Operating Microscope 3. Micro-surgery Instruments	Medical College Hospitals, Assam.	Maximum 45 days. However Bidders may quote earliest delivery/Installation/Commissioning period.
Neuro-surgery - 02	1. Bipolar surgical unit with irrigation system 2. High speed electrical drill for cranial and spinal surgery 3. Neuro-endoscope 4. ICP monitor 5. Craniotomy set 6. Neurosurgical operating microscope 7. Ultrasonic aspirator/dissector	Medical College Hospitals, Assam	
Surgery - 03	1. General Surgical Instruments 2. Pediatric Surgical Instruments 3. Accessories and hand instruments for Laparoscopy	Medical College Hospitals, Assam	

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 (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-781022.
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.

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- Guwahti (GMC)
- ii. Assam Medical College- Dibrugarh (AMC)
- iii. Silchar Medical College-Silchar (SMC).
- iv. Jorhat Medical College & Hospital, Jorhat (JMC).

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

Plastic Surgery -01

Plastic Surgery Instruments

<i>Sl No.</i>	<i>Name of Equipments</i>
1.	Skin Graft Mesher 1:2
2.	Skin Grafting Knife
3.	Silver Knife (For Skin Grafting)
4.	Cleft Surgery set
A.	Dingman Mouth GAG <ul style="list-style-type: none"> ➤ Paediatric ➤ Adult
B.	Howarth Elevator <ul style="list-style-type: none"> ➤ 3mm ➤ 5mm
C.	Mc. Donald Dissector
D.	Cleft Plate Respatroy Barsky Type <ul style="list-style-type: none"> ➤ Right ➤ Left
E.	Cronin Cleft Plate Elevator <ul style="list-style-type: none"> ➤ Right ➤ Left
F.	Calipers Castroviejo 20/40mm Straight
G.	Kilner Alae Retractor
H.	Alveolar Dissector Double Ended
I.	Septum Elevator Double Ended
J.	Septum Elevator with Ball Tips
K.	Cottle Graduated Elevator
L.	Mitchel Trimmer
M.	Cleft Palate Raspatory Barsky Type Double Ended
N.	Barsky Pharyngeal Flap Elevator
5.	Other operating Instruments
4 (a)	Scissor
i)	Metzen baum Scissor , <ul style="list-style-type: none"> ➤ Straight - 5.5, ➤ Straight - 6.5, ➤ Straight - 7.5, ➤ Curved - 5.5, ➤ Curved - 6.5, ➤ Curved - 7.5,
ii)	Iris Scissor Fine <ul style="list-style-type: none"> ➤ Straight - 3.5, ➤ Straight - 4.5, ➤ Curved - 3.5, ➤ Curved - 4.5,
iii)	Iris Scissor- Curved to Side <ul style="list-style-type: none"> ➤ Size 4.5”
iv)	Heath Stitch Scissor <ul style="list-style-type: none"> ➤ Big

	➤ Small
v)	Kilner Dissecting Scissor
vi)	Mayo Scissor ➤ Straight - 6.5, ➤ Straight - 7.5, ➤ Curved - 6.5, ➤ Curved - 7.5,
vii)	Tenotomy Scissor Serrated ➤ Size 5"
viii)	Potts , Smith Scissor ➤ 450 ➤ 600 Size 7.5"
ix)	Dressing Scissor ➤ Straight - 6.5, ➤ Curved - 6.5,
4 (b)	Adson Forceps Fine ➤ Plain ➤ Tooth
i)	Dressing Forceps ➤ Plain ➤ Tooth
ii)	Mosquito Artery Forcep ➤ Straight - 4" ➤ Straight - 5" ➤ Curved - 4" ➤ Curved - 4"
iii)	Crile Artery Forceps ➤ Straight - 6.25" ➤ Straight - 7.25" ➤ Curved - 6.25" ➤ Curved - 7.25
iv)	Allis Tissue Forceps ➤ Size 6" ➤ Size 8"
v)	Kocher Artery forceps ➤ Size 6.25" ➤ Size 7.25"
vi)	Babcock Tissue Forceps ➤ Size 6" ➤ Size 8"
vii)	Bard-Parker Knife Holder ➤ Size 11" ➤ Size 13" ➤ Size 14"
viii)	Needle Holder with Tungsten C Carbide ➤ Size 5" ➤ Size 6" ➤ Size 7"
ix)	Needle Holder – Mayo ➤ Size 5" ➤ Size 6" ➤ Size 8"
x)	Suction Cannula – Mastoid ➤ Size 1 to 6
xi)	Frazier Suction Tube

	➤ Size 2mm to 6mm
	Retractors / Hooks
	Czerny Retractor
	Right Angle Lengenback Retractor <ul style="list-style-type: none"> ➤ Size 20mm ➤ Size 30mm ➤ Size 40mm ➤ Size 50mm ➤ Size 60mm
	Davis Double Ended Retractor – Right Angle
	Ragnell Retractor Double Ended
	Fine Cat’s Paw
	Desmare Retractor <ul style="list-style-type: none"> ➤ Small ➤ Medium ➤ Big
	Forked (Ramus) Retractor
	Kilner Nasal Retractor
	Aufricht Nasal Retractor – Solid
	Aufricht Retractor – Fenestrated
	Farabeuf Retractor
	Austin Tissue Retractor <ul style="list-style-type: none"> ➤ Regular ➤ Half Moon ➤ Forked
	Condylar Alveolar Retractor – Notched
	Condylar Neck Retractor <ul style="list-style-type: none"> ➤ Right ➤ Left
	Rowe Orbital Floor Retractor <ul style="list-style-type: none"> ➤ Right ➤ Left
	Orbital Retractor Double Ended <ul style="list-style-type: none"> ➤ Size 10 X 15mm
	Plastic Cheek Retractor <ul style="list-style-type: none"> ➤ Big ➤ Small
	Kilner Skin Hook
	Fine Double Skin Hook (Mcindoe)
	Poswillo Malar Hook
	Stacey Zygomatic Bone Hook
	Others
	Tendon Tunneling Forceps – Fine
	Towel Clips
	Self Retaining skin Retractor <ul style="list-style-type: none"> ➤ Big ➤ Small
	Basic Bone Plating Instruments
	Bone elevators Hohman type <ul style="list-style-type: none"> ➤ Size 6 mm ➤ Size 8 mm
	Plier
	Self Holding Screw Driver with Aluminium Handle for Single Slot Screw

	<ul style="list-style-type: none"> ➤ Size 1.5 mm ➤ Size 2 mm ➤ Size 2.5 mm
	<p>Depth Gauge with Laser Marking</p> <ul style="list-style-type: none"> ➤ Size 1.5 mm ➤ Size 2 mm ➤ Size 2.5 mm
	Trocar Sleeve for 1, 1.5, 2mm ⓄDrill Bits
	<p>Self Holding Screw Driver with Fiber Handle for single Slot Screw</p> <ul style="list-style-type: none"> ➤ Size 1.5 mm ➤ Size 2 mm ➤ Size 2.5 mm
	<p>Ordinary Screw Driver with Fiber Handle</p> <ul style="list-style-type: none"> ➤ Size 1.5 mm ➤ Size 2 mm ➤ Size 2.5 mm
	Plate Bender for Reconstruction Plate (Roller Type)
	Bone (Mandible) Holding Forceps
	<p>Bone Holding Forceps pointed</p> <ul style="list-style-type: none"> ➤ Size 5" ➤ Size 6"
	<p>Bone & plate Holding Forceps Guarded Point</p> <ul style="list-style-type: none"> ➤ Left ➤ Right
	<p>Zygomatic Bone Awl with Fiber Handle</p> <ul style="list-style-type: none"> ➤ Size 6" ➤ Size 8"
	Bone Holding Reduction Clamps Serrated with Ratchet
	Dingman Bone Holding Clamps for Mandible
	Chin Segment Forceps
	TMJ Spreading Forceps – Double Action
	Screw Holding Forceps X Action
	Mini Bone Drill with 3 collets for 'K' wires
	<p>Cross Slotted Screw Driver with Holding Sleeves with 3 Blades</p> <ul style="list-style-type: none"> ➤ Size 1.5 mm cross slotted screws ➤ Size 2 mm cross slotted screws ➤ Size 2.5 mm cross slotted screws
	<p>Plate Bending Forceps with Pins</p> <ul style="list-style-type: none"> ➤ Size 1.5 mm plates ➤ Size 2 mm plates ➤ Size 2.5 mm plates
	Mini Bone Plate Cutter
	Modeling Lever
	Plate Holding Forceps
	Plate bender for Reconstruction Plate (Roller Type)
	Reconstruction Plate Cutter – Big Type
	Implant Kits in S.S. Box – Titanium
	Plate Holder & Pusher Fork
	Tranbucal Device with Trocar, Drill Sleeve & Check Retractor for Drilling & Screwing
	Wire Cutter for Soft wires - with T.C. Tip
	Arch Bar Cutter
	<p>"K" Wire Bender/ Cutter/ Plier – 3 in 1</p> <ul style="list-style-type: none"> ➤ Small ➤ Big

	“K” Wire Introducer
	Wire Twisting Forceps – Thick
	Wire Cutter for Soft wire <ul style="list-style-type: none"> ➤ Small ➤ Big
	Fickling Dental Mallet
	Nylon Faced Hammer <ul style="list-style-type: none"> ➤ Small ➤ Big ➤ Medium
	Drill Bit Container <ul style="list-style-type: none"> ➤ Size 4” Long
	“K” Wire Container <ul style="list-style-type: none"> ➤ Size 6” Long
	Nasal Speculum <ul style="list-style-type: none"> ➤ Small ➤ Medium ➤ Big
	Gigli Saw Handle in pair S.S.
	Bone cutting Forceps – Double Action <ul style="list-style-type: none"> ➤ Straight - 5.5” ➤ Straight - 7.5” ➤ Straight - 9.5” ➤ Curved - 5.5” ➤ Curved - 7.5” ➤ Curved - 9.5”
	Bone Nibler – Double Action – Straight <ul style="list-style-type: none"> ➤ Straight - 5.5” ➤ Straight - 7.5” ➤ Straight - 9.5”
	Fine Osteotomes – Straight <ul style="list-style-type: none"> ➤ Size – 2mm to 10 mm
	Fine Osteotomes – Curved <ul style="list-style-type: none"> ➤ Size – 2mm to 10 mm
	Fine Chisels – Straight <ul style="list-style-type: none"> ➤ Size – 2mm to 10 mm
	Gauge – Straight <ul style="list-style-type: none"> ➤ Size – 2mm , 4 mm & 6mm
	Maxila Mobilizer – Sailer <ul style="list-style-type: none"> ➤ Size – 5mm , 10mm
	Ramus Split Osteotomes <ul style="list-style-type: none"> ➤ Size – 6mm , 20mm
	Tessior Osteotomes – Straight <ul style="list-style-type: none"> ➤ Size 10mm ➤ Size 20mm
	Tessior Osteotomes – Straight <ul style="list-style-type: none"> ➤ Size 10mm ➤ Size 20mm
	Rib Raspatory <ul style="list-style-type: none"> ➤ Left ➤ Right
	Rib cutter – Double Action
	Cottle Osteotomaes (Half Moon) Mc Indoe Nasal Chisel

	Ferguson Mouth Gag <ul style="list-style-type: none"> ➤ Child ➤ Adult 																																												
	Bone Scoops <ul style="list-style-type: none"> ➤ Size – 2mm , 4mm 																																												
	Rowe’s Maxila Disimpaction Clamps <ul style="list-style-type: none"> ➤ Left ➤ Right 																																												
	Walsham Nasal Septum Forceps <ul style="list-style-type: none"> ➤ Left ➤ Right 																																												
	Asch Nasal Septum Forceps <ul style="list-style-type: none"> ➤ Small ➤ Big 																																												
	Bristow Elevator – Fine																																												
	Farabeuf Rugin Periosteal Elevator <ul style="list-style-type: none"> ➤ Double Sided 																																												
	Lypo Suction Cannula – Straight <ul style="list-style-type: none"> ➤ Size 2mm to 10 mm 																																												
	Lypo Suction Cannula – Curved <ul style="list-style-type: none"> ➤ Size 2mm to 10 mm 																																												
	Lypo Needle Cannula <ul style="list-style-type: none"> ➤ Size 2.5 mm to 5 mm 																																												
	Scale Design for Drill, Screw and Wire Gauge																																												
	Stainless Steel Box for Basic Instrument Kit with 2 Trays																																												
	Microsurgery Instruments_																																												
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		Magnetic clutches for all system axes
		Central user interface
		Overhead display for showing important system parameters
		XY drive* (variable speed)
		Wired foot control panel
		Wireless foot control panel
	Accessories	180° tiltable tube, focal length f=170mm
		180° tiltable tube, focal length f=220mm
		Straight tube, focal length f=170mm
		Stereo co-observer
		Stereo bridge for face to face operation
		Interface for micromanipulator
2.	Micro Scissor Straight	
3.	Micro Scissor Curved	
4.	Micro Forceps	
5.	Micro Needle Holder	
6.	Vessel dilator	
7.	Colibri Forceps	
8.	Jewelers Forceps plain with Platform	
9.	Jewelers forceps fine toothed	
10.	Autoclave box with 2 mats 8" x 4.5"	
11.	Autoclave Box 8' X 8' Medium 4 mats	
12.	CO2 Laser Apparatus Complete Set	
13.	Refrigerator	
14.	Washing Machine	

Warranty: 2 years

AMC/CMC: 3 years

TECHNICAL SPECIFICATION

Neurosurgery -02

I) BIPOLAR SURGICAL UNIT WITH IRRIGATION SYSTEM

- A Micro-Processor controlled Bipolar Coagulation unit with an efficient Bipolar generator of frequency 440-450 kHz having power based dose display thus suitable for all application in micro surgical & macro surgical operation.
- It should have Auto start function.
- Micro Bipolar Coagulation should be between 0.1 – 9.9 watt with an increment of 0.1 w.
- The Macro bipolar coagulation should be between 1-50 watt with an increments of 1 watt.
- The generator is automatically adapted to different tissue impedance levels both in micro and macro ranges.
- Should have 4 memory location for quick, Individual and indication-specific empirical values storage.
- It should have cable-free infrared remote control facility to allow switching of the output power (4 memories) by the operating surgeon under sterile conditions.
- Should have max. 50 watts (Bipolar) output.
- Should be supplied with standard set of accessories like Foot Paddle (Double), Bipolar Forceps and Cable.
- Should have Membrane Key Button with Digital Display.
- Should have alarm and Error Display Facility for Safety of Patient and Operator.
-
- The bipolar coagulation unit should have facility to be connected with the Irrigation system.
- The irrigation system should have facility for Operation with or without interfacing to the main bipolar electrosurgical unit.
- Irrigation facility before/during/after switching on of the bipolar unit should be possible.
- It should have facility for control of speed of flow and size of water drops.
- Deactivation of irrigation unit, if electrosurgical unit stays activated longer than 10secs.
- Completely Micro-Processor controlled with front panel having membrane switches for making the desired settings
- should be supplied with following accessory:
 - Bipolar cable – 5 Nos. (should confirm to new standard of Edition 4 of IEC60601-2-2.)
 - Non sticking, insulated bayonet bipolar forceps with sintram tips.
 - 0.7mm, 160mm.
 - 1.0mm, 185mm
 - 1.0mm, 200mm
 - Non sticking, insulated angled bipolar forceps with sintram tips
 - 1.0mm, 200mm
 - Irrigating, bayonet forceps:
 - 0.7mm, 165mm
 - 0.7mm, 180mm
 - 1.3mm, 180mm
 - 0.7mm, 205mm
 - Casper type, bayonet forceps:
 - 0.5, 1.0, 2.0mm 195mm
 - 1.0, 2.0mm, 220mm

- T tip, 250mm
- 250mm with button for Transphenoidal surgery
- Yasargil type, bayonet forceps
- 0.4mm, 175mm
- 0.7mm, 195mm
- 1.3mm, 195mm
- 1.0mm, 215mm
- 1.3mm, 215mm
- 1.3mm, 235mm
- Irrigation tubing set – 2 pkt.
- Pressure Cuff – 2nos.
- Wire Brush for Cleaning of tips – 1 No.

ii) High Speed Electrical Neuro Drill with accessories for cranial & spine surgery.

- Universal High Speed Electrical Drill system with Variable speed setting from 10,000 to 80,000 rpm.
- Should have touch screen display panel.
- Should automatically display various information like motor type, maximum rpm and current rpm level.
- Console to allow visible display and setting of maximum speed limit.
- Should have provision to attach two motor at the same time.
- Should have customizable settings like Acceleration and stopping characteristics for individual motors, oscillation angle.
- Should have single pedal foot control for varying the speed and forward & reverse rotation.
- System should give audible beeps / alerts while in reverse action.
- No inline Lubrication should be required to run the motor.
- Should have integrated irrigation pump to allow precise adjustments of the pump flow.
- Irrigation spray nozzle should be supplied with all handpiece attachments.
- Should have provision to use various heavy duty saw system.
- System should be supplied with reusable perforator cutter.
- Should have quick release and lock system for tools.
- The system should have variety of footed attachments, Straight and angled drill attachments.
- The Craniotome handpiece should be supplied with detachable dura guard of small, medium & large sizes.
- The dura guard should be steerable.
- Attachments should have design for better visibility under microscope.

System should have Following Attachments and Accessories:

- Straight Handpiece of working length of 40mm & 70mm – 1 each.
- Angled Handpiece of working length of 70mm & 100mm -1 each.
- Small, Standard & large steerable Duraguard – 2 each.
- Various Dissecting Tools:
 - Acorn Burr – 5 Each
 - Rosen Burr - 10 Each
 - Diamond Burrs – 8 Each
 - Barrel Burrs – 5 Each

- Craniotome Cutter – 10 Each
- Heavy Duty Reciprocating saw headpiece – 1 No.
- Reciprocating saw blades - 10 Nos.
- Reusable Cranial Perforator Adult – 1 No.
- Reusable Cranial Perforator Paed – 1 No.
- Spare Cutter for above perforators – 2 each.

iii) NEURO-ENDOSCOPE

Adult: - For Brain

Trocar

- Trocar with outer diameter of 6 mm. with four channels, optic channel 2.8 mm working channel 2.2 mm, irrigation channel 1.4 mm & overflow channel 1.4 mm.
- Trocar should include obturators.
- Obturators should have closing facility.
- Trocar should be scaled.
- Irrigation and overflow channel should have stopper.
- Trocar should have facility for under vision insertion.

Endoscope

- 90Deg angled endoscope with lateral connection for camera & light Source.
- Should provide optimal handling of Trocar and endoscope by central centre of gravity.
- Endoscope can be sterilized by Steris and Sterrad.
- Endoscope should be autoclavable.
- Shaft diameter should be 2.7 mm.
- Shaft length should be 180 mm.
- Endoscope should have direction of view is 0 deg.

Instrument

- Rigid instruments with 2 mm diameter.
- It should be detachable for optimal cleaning, sterilization and change of spare parts.
- Instrument should be take away in three parts.
- It should rotate to 360 deg with knob for easy and precise rotation of jaw.
- Length of the shaft should be 265 mm.
- Should be supplied with Micro scissors of blunt-blunt jaw.
- Should be supplied with Micro biopsy.
- Should be supplied with toothed Micro forceps.
- Should be supplied with grasping and dissecting forceps.

Electrode

- Electrode should be 265mm length with diameter of 2mm.
- Should be supplied with Monopolar & Bipolar cable – 2 each.
- Monopolar electrode should be supplied with Needle Electrode, Hook Electrode 70Deg.
- Bipolar Frock electrode.

Holding Device

- Should be supplied with flexible holding arm with integrated fixation bar.
- It should have easy mechanical fixation by clamping handle.
- It should have Small & flexible joints for fine positioning
- It should be Autoclavable at 134°C, 5 minutes
- It should be supplied with full range of accessories & adapters for connecting Aesculap endoscopes, trocars and instruments

Micro Manipulator

- Should provide optimal fixation of the neuroendoscope with Precise steering of the neuroendoscope in the three-dimensional space.
- Should provide safe manoeuvring of the neuroendoscope by defined movements in the sub-millimeter area.
- Should provide optimal positioning of the neuroendoscope in situ Flexible holding device with mechanic fixation should be flexible for any angle with full proof Locking System.
- It should have adapter for peek insert for fixation of fixation the obturators.
-

c. FOR ENDOSCOPIC PITUITARY SURGERY:-

Trocar

- Trocar with irrigation/suction with diameter of 4.5/6.0 mm.
- It should have working length of 120mm.
- Trocar should have facility for under vision insertion.
- It should be supplied with ergonomic grasping handle with irrigation button.

Endoscope

- Endoscope be sterilized by Steris and Sterrad.
- Endoscope should be autoclavable.
- Shaft diameter should be 4 mm.
- Endoscope should have direction of view is 0.
- System should be supplied with suitable container for endoscope & instruments.

IV (ICP Monitor)

- Continues mean systolic diastolic digital display of ICP with range of 5 to 100mm Hg
- Online ICP wave forms should be displayed
- Zeroing facility for transducer zero and patient monitor zero
- Zero drift less than 1 mm Hg per day
- Alarm setting with simple menu driven application
- Microtip transducer - strain gauge pressure sensor for measuring directly at the source - intraventricular, subdural, parenchymal
- Information from sensor should be relayed electronically through the sensor to the monitor
- Compactable to SIS
- Battery back up for 2 -6 Hours
- Compact for easy transport
- Should have provision for recording and print of result preferably integrated Accessories spares and consumables
- It should be supplied with all Accessories and disposables

(V) CRANIOTOMY SET

Sl No	Description
1,	DE'BAKEY ATR.MOSQUITO FCPS CVD 125MM
2,	DE'BAKEY ATR.MOSQUITO FCPS STR125MM,
3,	HALSTED-MOSQUITO FORCEPS DEL STR 125MM,
4,	DANDY DELICATE FORCEPS CVD140MM,
5,	PROVIDENCE-HOSP FCPS DEL STR140MM,
6,	ROCHESTER-PEAN FORCEPS CVD 160MM,
7,	MAYO-HEGAR NEEDLE HOLDER150MM,
8,	TC MAYO-HEGAR NDLHOLDER HEAVY SERR150MM,
9,	TC HEGAR NEEDLE HOLDER HEAVY-SERR 205MM,
10,	SURGICAL SCISSORS STR B/B 130MM,
11,	METZENBAUM SCISSORS CVD180MM,
12,	JANSEN RETRACTOR 3X3 SHARP100MM,
13,	KERRISON 90DG-UP 4MM 180MM,
14,	ECHLIN BONE RONGEURJAW 2X10MM 230MM,
15,	JANSEN BONE RONGEUR STR 175MM,
16,	HUDSON DRILL BRACE F/FF055R,
17,	CUSHING FLAT DRILL 14MM DIA,
18,	HUDSON SPHERICAL BURR 16MM DIA,
19,	HUDSON SPHERICAL BURR 22MM DIA,
20,	KIDNEY TRAY STAINLESS STEEL 250MM,
21,	SCALPEL HANDLE #3,
22,	SCALPEL HANDLE #7 ENGLISH NO.5,
23,	#1 PENFIELD DISSECTOR 178MM,
24,	#2 PENFIELD DISSECTOR 197MM,
25,	#3 PENFIELD DISSECTOR 197MM,
26,	DAVIS VASCULAR SPATULA 245MM,
27,	#4 PENFIELD DISSECTOR 203MM,
28,	ADSON TISSUE FCPS FINE W/1X2T 120MM,
29,	TISSUE FORCEPS 1X2145MM,
30,	TC GRUENWALD FORCEPS 185MM,
31,	BACKHAUS TOWEL CLAMP 110MM,
32,	BACKHAUS TOWEL CLAMP W/SCREW 105MM,
33,	HOWARTH ELEVATOR,
34,	FRAZIER SUCTLUER-HUB15FR5/102MM LGTH,
35,	FRAZIER SUCTLUER-HUB9FR102MMWRK-LGTH,
36,	SUCTION CANNULA RND-TIP 4.0MM 180MM,
37,	WEITLANER RETRACTOR 2X3T.SH.105MM,
38,	SURGICAL SCISSORS STR B/B 130MM,
39,	YASARGIL MICRO SCISS.BAYODWN-CVD200MM,
40,	YASARGIL MICRO SCISSORS STR185MM,
41,	YASARGIL TUMOR FORCEPS SERR 5MM220MM,
42,	YASARGIL TUMOR FCPS SERR 3MM220MM,
43,	YASARGIL MICROFORM BAYO FCPS.9MM180MM,
44,	YASARGIL MICROFORM BAYO FRCPS1X2180MM,
45,	CASPAR EXPLOR.HOOK45 DG-TIP45DG 248MM,
46,	CASPAR EXPLOR.HOOKSHORT-TIP90DG 248MM,
47,	CASPAR DISSECTOR CVD 1/203MM,
48,	KNIFE HANDLE F/MICRO BLDS 200MM,
49,	SAMII KNIFE F/TUMOR TISSUE 3.0MM230MM,
50,	SAMII KNIFE F/TUMOR TISSUE 1.0MM230MM,
51,	SAMII KNIFE F/TUMOR TISSUE 2.0MM230MM,
52,	SAMII KNIFE/TUMORTISSRND3.0MM230MM,
53,	SAMII KNIFE/TUMOR TISSRND4.5MM230MM,
54,	SAMII KNIFE/TUMOR TISSRND6.0MM230MM,
55,	CASPAR EXPLOR.HOOK MED-TIP90DG 248MM,
56,	CASPAR EXPLORATION HOOKLONG-TIP248MM,

57, #4 PENFIELD DISSECTOR 203MM,
58, YASARGIL TUMOR FORCEPS SERR 5MM220MM,
59, YASARGIL MICRO FORCEPS 3MM MOUTH 200MM,
60, YASARGIL TUMOR GRASPING FORCEPS 220MM,
61, YASARGIL MICROFORM BAYO FCPS .6MM180MM,
62, FORCEPS BAYO 1X2 160MM,
63, CASPAR EXPLOR.HOOK MED-TIP90DG 248MM,
64, CASPAR EXPLORATION HOOKLONG-TIP248MM,
65, CASPAR EXPLOR.HOOK45 DG-TIP45DG 248MM,
66, SAMII KNIFE/TUMOR TISSUE1.5MM 230MM,
67, SAMII KNIFE F/TUMOR TISSUE 3.5MM230MM,
68, SAMII KNIFE F/TUMOR TISSUE 4.0MM230MM,
69, SAMII KNIFE F/TUMOR TISSUE 5.0MM230MM,
70, HARDY-FAHLBUSCH DISS DWN SHARP 245MM,
71, YASARGIL SCISSORS BAYO ST/B 200MM,
72, YASARGIL MICRO SCISS.BAYOUP-CVD200MM,
73, COTTLE CHISL/OSTEO.W/DPTH-MRK4MM178MM,
74, LANDOLT SCALPEL HANDLE 210MM,
75, LANDOLT BIPOLAR COAGULATION FORCEPS90DG,
76, SCALPEL HANDLE OFFSET 210MM NO.3,
77, YASARGIL TUMOR FCPS SERR 3MM220MM,
78, YASARGIL TUMOR FORCEPS SERR 5MM220MM,
79, TREVES DISSECT.FORCEPS 1X2T.127MM,
80, CASPAR EXPLOR.HOOKSHORT-TIP90DG 248MM,
81, SAMII KNIFE F/TUMOR TISSUE 2.5MM230MM,
82, RAY CURETTE 45DG-VERT 4MM DIA181MM,
83, RAY CURETTE 45DG-HORIZ 4MM DIA181MM,
84, HARDY CURETTE MALL D:4/260MM,
85, HARDY CURETTE MALL D:6/260MM,
86, FORCEPS BAYO 1X2 160MM,
87, CASPAR MICRO-DISSDWN-CVD2.0MM229MM,
88, #4 PENFIELD DISSECTOR 203MM,
89, TITANIUM STANDARD CLIP REMOVER225MM,
90, TITANIUM MINI CLIP REMOVER205MM,
91, VARIO CLIP APPLIERF/STD TI-CLIPS222MM,
92, TITANIUM MINI CLIP REMOVER 225MM,
93, VARIO CLIP APPLR F/MINI TI-CLIPS222MM,
94, XS MINI CLIP APPLYING FCPS TI1 10MM,
95, XS STD CLIP APPLYING FCPS TI1 10MM,
96, SEMKEN DEL.TISSUE FORCEPS 1X2 125MM,
97, HOOK 4-PRONG BLUNT SM-CVD165MM,
98, FRAZIER DURA RETRACTOR 130MM,
99, DE'BAKEY MINI-BULLDG CLMPCVD27MM48MM L,
100, DE'BAKEY MINI-BLLDG CLMPSTR27MM50MM L,
101, MINI-BULLDOG CLAMP STR 35MM,
103, MINI-BULLDOG CLAMP CVD 35MM,
104, TOENNIS DURA KNIFE 130MM,
105, FOERSTER SPONGE FCPS SERR STR 242MM,
106, BACKHAUS TOWEL CLAMP W/SCREW 80MM,
107, BACKHAUS TOWEL CLAMP 110MM,
108, BACKHAUS TOWEL CLAMP W/SCREW 105MM,
109, DE'BAKEY ATR.MOSQUITO FCPS CVD 125MM,
110, DE'BAKEY ATR.MOSQUITO FCPS STR125MM,
111, DANDY DELICATE FORCEPS CVD140MM,
112, KELLY FORCEPS DEL STR 140MM,
113, PROVIDENCE-HOSP FCPS DEL STR140MM,
114, ROCHESTER-PEAN FORCEPS CVD 160MM,
115, ROCHESTER-PEAN FORCEPS STR 160MM,
116, ALLIS FORCEPS 5X6 155MM,
117, BABY-ALLIS FORCEPS 4X5 130MM,
118, ROCHESTER-PEAN FORCEPS CVD 185MM,
119, KOCHER-OCHSNER FORCEPS STR 1X2 200MM,
120, BAUMGARTNER NEEDLE HOLDER SERR 145MM,
121, TC MAYO-HEGAR NDLHOLDERHVYSERR150MM,
122, TC BAUMGARTNER NDL HLDL HVYSERR145MM,

123, MAYO-HEGAR NEEDLE HOLDER 150MM,
124, TC NEEDLE HOLDER X-DEL SERR 200MM,
125, TC HEGAR NEEDLE HOLDER HVY-SERR 205MM,
126, TOENNIS-ADSON SCISSORS DEL CVD 175MM,
127, SURGICAL SCISSORS STR B/B 130MM,
128, SURGICAL SCISSOR CVD BL/SH 145MM,
129, BABY METZ SCISSORS SQ HDL CVD 145MM,
130, BABY METZ SCISSORS SQ HDL STR 145MM,
131, SCHMIEDEN-TAYLOR DURA SCISSORS 155MM,
132, LEMPert BONE CURETTE 1.8MM 216MM,
133, CASPAR CURETTE # 0 STR 5.2MM 222MM,
134, LEMPert BONE CURETTE 2.6MM 216MM,
135, JANSEN BONE RONGEUR STR 175MM,
136, LEMPert BONE RONGEUR STR 200MM,
137, KERRISON 130DG-UP 3MM 180MM,
138, KERRISON 130DG-UP 6MM 180MM,
139, KERRISON 130DG-UP 5MM 180MM,
140, DEMARTEL CONDF/WIRE SAWS FLEX 350MM,
141, GIGLI WIRE SAW IN 6 PARTS 300MM LONG,
142, VOLKMAN RETR 4-PRG SEMI-S8.5X19222MM,
143, KOCHER-LANGENBECK RETR 80X16MM 216MM,
144, LANGENBECK RETR ACTOR OPEN 28X10MM 209MM,
145, LANGENBECK RETR ACTOR 40X13MM 210MM,
146, JANSEN RETR ACTOR 3X3 SHARP 100MM,
147, JANSEN RETR ACTOR 3X3 SHARP 100MM,
148, WEITLANER RETR ACTOR 2X3T.SH. 105MM,
149, WEITLANER RETR 3X4T.SHARP/DEEP 130MM,
150, WEITLANER RETR 3X4T.BLUNT/DEEP 130MM,
151, SELF-RETAINING RETR 3X4T.BLUNT 195MM,
152, WEITLANER RETR ACTOR 3X4T.SH. 130MM,
153, CRANK BRACE HUDSON-DOWNS,
154, CUTTER HUDSON 13MM,
155, CUTTER HUDSON 16MM,
156, CUTTER HUDSON 11MM,
157, BRAIN SPATULA MOD.AACHEN MALL 7/8MM,
158, BRAIN SPATULA MOD.AACHEN MALL 10/11MM,
159, BRAIN SPATULA MOD.AACHEN MALL 16/17MM,
160, BRAIN SPATULA MOD.AACHEN MALL 19/20MM,
161, BRAIN SPATULA MOD.AACHEN MALL 22/25MM,
162, BRAIN SPATULA FLAT MALL 11&13MM 178MM,
163, BRAIN SPATULA FLAT MALL 15&18MM 178MM,
164, OLIVECRONA SPATULA FLAT FLEX 7&9MM 178MM,
165, OLIVECRONA BRAIN SPATULA 18 A. 22MM,
166, FRAZIER SUCTLUER-HUB 15FR 5/102MM LGTH,
167, FRAZIER SUCTLUER-HUB 9FR 102MM WRK-LGTH,
168, FERG-FRAZIER SUCT 9FR 3/110MM WRK-LGTH,
169, FERG-FRAZIER SUCT 6FR 2/110MM WRK-LGTH,
170, TISSUE FORCEPS 1X2 160MM,
171, ADSON TISSUE FCPS FINE W/1X2T 120MM,
172, ADSON FORCEPS SERR 120MM,
173, GILLIES TISSUE FORCEPS DEL 1X2 155MM,
174, TC STANDARD FORCEPS 200MM,
175, MICRO-ADSON TISSUE FORCEPS 1X2 150MM,
176, MICRO-ADSON TISSUE FORCEPS 1X2 120MM,
177, CUSHING DEL STR FORCEPS 180MM,
178, SEDILLOT RETR ACTOR RND CVD 18MM 185MM,
179, YASARGIL DISSECTOR F/PED FLEX 4MM,
180, ADSON ELEVATOR BLUNT CVD 7MM,
181, #3 PENFIELD DISSECTOR 197MM,
182, #1 PENFIELD DISSECTOR 178MM,
183, #4 PENFIELD DISSECTOR 203MM,
184, VASCULAR SPATULA 240MM 5+6MM,
185, DAVIS VASCULAR SPATULA 245MM,
186, SCALPEL HANDLE #7 ENGLISH NO.5,
187, SCALPEL HANDLE #3,

188,	SCALPEL HANDLE #4,
189,	COTTLE CHISEL/OSTEOTOMEW/MRK7MM178MM,
190,	COTTLE CHISEL/OSTEOTOMEW/MRK9MM178MM,
191,	GRUENWALD FORCEPS BAYO SERR 200MM,
192,	TC GRUENWALD FORCEPS 185MM,
193,	CASPAR RONGEURSTRSERR 3X12MM140MM,
194,	RANEY APPLY/REMOVING FCPS F/FF02FF015P,
195,	COUPLING HEAD F/1-5 FLEX ARMS FF270R,
196,	HOLDING ROD F/FF280R-84R,
197,	ADAPTER F/OR TABLE W/BALL/SOCKET JOINT,
198,	YASARGIL FLEX ARMF/COUPLING HEADS&BASES,
199,	FLEX ARM SUPPORT F/FLAT BRAIN SPATULAS,
200,	COATED BRAIN SPATULA SIZE S,
201,	COATED BRAIN SPATULA SIZE M,
202,	COATED BRAIN SPATULA SIZE L,

The steel for surgical instruments should be only from high quality German steel manufacturers,

All steel used should be according to ISO 7153-1 and DIN Standard
Steel Composition should be X20CR13/X46Cr13 and X45CrMoV15

All Instruments should be self passivating due to the high quality steel used and the high quality standards used in the production process for heat and surface treatment.

Technical Specification

VI) Neurosurgical Operating Microscope

- The Microscope should be having Apochromatic Optics
- The Microscope should be having Stereobase of 25mm
- The Microscope should be having Continuously Motorised Variable internal focus system from 224mm to 510mm with one front lens.
- The Microscope should be having Tilttable eyepiece head upto 200° with PD-spindle.
- The Microscope should be having in built facility to move the Microscope exactly as intended regardless of external weights.
- The Microscope should be Balace free and better than Free floating i.e never out of balance.
- The Microscope should be having Rotation around Vertical axis 540°:
- Left / Right tilt 45°/50°
- Inward inclination – 50°
- The Microscope should be having Motorised XY-Fine movement.
- The Microscope should be having Motorised zoom 1:6 (1.3x to 15x magnification)
- The Microscope should be having Integrated bi-directional computer interface RS 232 for Neuro Navigation Systems
- The Floor stand should be with Lock In provisions and Motorized column with min. 400mm lift
- Weight Counter Balanced spring joint arm with Rotatable carrier.
- Motorized Brakes of latest technology (self-calibrating) and Free Floating characteristics of spring arms.
- One button Motorised Fine Balancing
- Xenon high power illumination with 300W and 300W xenon back up

Light Router Integrated system including :

- 1 tiltable Eyepiece Head 200°
- Beam splitter with 2 side ports for Stereoscopic Observer and other accessories
- Foot Switch (waterproof) with Joystick.
- 3 chip Camera and Monitor

(VII) Ultrasonic-Aspirator/Dissector

- **Ultrasonic-Aspirator/Dissector** - compact with integral aspiration and irrigation system.
- The Hand piece should works on **Piezo Ceramic Technology**.
- The System should have wide range of variety of Hand pieces for different applications.
- The system should have at least three different range of working frequency Hand pieces.
- The System should have facility for both type of Hand pieces (inside irrigation and outside irrigation).
- The Hand piece and its cable should be autoclavable.
- The system should have Hand piece with detachable cable for easy exchange of US - Hand pieces during surgery.
- The system should have facility to recognize the Hand piece frequency automatically.
- The system should have Irrigation range of 0 to 150 ml/min.
- The system should have Aspiration / Vacuum range of 0 to 0.9 bar.
- Output Power - 100 Watt.
- Power Source - 230V AC $\pm 10\%$ / 50 Hz. $\pm 5\%$.

Warranty : 2 years

CMC: 3 years

Surgery -03

(i) General Surgical Instruments

Sl. No.	General surgical Instruments
1	Scalpel handle for BP knife, No.3, No.4, No.5
2	Long Scalpel handle, No. 5L
3	Artery forceps Straight Spencer Wells, (150-160 mm) Curved Spencer Wells, (160 mm) Curved Spencer Wells, (180 mm) Curved Spencer Wells, (230 mm) Straight Halstead Mosquito, (125 mm) Curved Halstead Mosquito, (125 mm) Curved Craford (245 mm)
4	Tissue forceps Allis (180 mm) Babcock (180 mm) Mc Indoe (180 mm)
5	Needle holder (tungsten carbide plate) Kilner (150 mm) Mayo (180mm) Mayo (230mm)
6	Sponge holding forceps Rampley's (250 mm)
7	Dissecting forceps Adson Plain (125 mm) Adson Plain (180 mm) Adson toothed (125 mm) Adson toothed (180 mm)
8	Scissors Mayo Curved on flat (130 mm) Mayo curved on flat (150 mm) Mayo curved on flat (160 mm) Mayo curved on flat (185 mm) Mayo straight (150 mm) Mayo straight (160 mm) Mayo Straight (200mm) Metzenbaum curved (280 mm) Heath Suture Removal (180 mm)
9	Towel clips Backhaus (150 mm) Jones-cross action (90 mm)
10	Sinus forceps (200 mm)
11	Retractor

	Langenbeck (215mm,40mmX11mm)
	Langenbeck (215 mm, 55mmX22mm)
	Deaver's (38 mm)
	Deaver's (50 mm)
	Kelly (260mm, 38mm)
	Kocher (230mm, 36mmX20mm)
	Morris (230mm, 35mmX50mm)
	Farabeuf double bladed (150 mm)
	(20mmX16mm, 24mmX16mm)
	Doyen's suprapubic
	(230mm, 40mmX60mm)
	Dennis Brown Self retaining Universal
	Single hook blunt (160 mm)
	Double hook blunt (160 mm)
	Moyniham aneurysm needle (110 mm)
	Gilles Skin hook (185 mm)
	Fisch nerve hook blunt (185mm)
	Parks anal retractor Adult (22 mm x 92 mm)
12	Dissector
	McDonald (185mm)
	Penny Becker (230mm)
	Kocher Thyroid dissector (170 mm)
13	Gastric Occlusion Clamp
	MOyniham (300mm)
14	Intestinal Occlusion Clamp (straight)
	Doyen (240mm)
	Moyniham (290mm)
15	Intestinal Occlusion Clamp (curved)
	Doyen (240 mm)
	Moyniham (290mm)
16	Lloyd Davies rectal excision clamp
17	Malleable scoop and Probe
	Moyniham (365mm)
18	Malleable Probe (double ended) 250mm
19	Malleable Probe (with eye) 150 mm
20	Probe pointed with tongue tie (140 mm)
21	Hernia director (key) 200 mm
22	Hernia bistoury-curved 180mm
23	Vein stripper (Nabatof)
24	Curetting Spoon (double ended)
	(Volkman-medium) (230 mm)
25	Suction Canula
26	Hernia ring forceps
27	Vein stripper
28	Clutton's Bougie complete set of 10 different size
29	Suprapubic trocar & canula (side slit)
30	Hydrocele trocar & canula
31	Kidney pedicle clamp
32	Trocar and cannula for intercostals drainage
33	Vascular clamps (Satinsky/De bakey/Potts) (assorted of six)
34	Vascular dissecting forceps
35	Fine dissecting forceps micro
36	Yasargil microvascular clips (assorted of six) Bull dog vascular

37	Bull dog clamp, De bakey (different angles)
38	Twin occlusion clamp (Lane), 300 mm
39	Crushing clamp (payr) 110 mm x 275 mm 145 mm x 315 mm
40	Piles Clamp (kocher) curved
41	Rectal dilators

(ii) Pediatric Surgical Instruments

Sl . No.	
01	Baby Mosquito Straight
02	Baby Mosquito Curved
03	Baby Crile Straight
04	Baby Crile Curved
05	Baby Kochers
06	Micro Adsons Forceps
07	Baby Mixters
08	Needle Holder
09	Baby Adsons Forceps
10	Self Retaing Retractor
11	Baby Balfour Retractor
12	Baby Allis Forceps
13	Intestinal Clamp Str.
14	Intestinal Clamp Cvd.
15	Cleft Palate Elevator Set
16	Hudson's Brace, perforator & Burr
17	Tissue Forceps
18	Dissecting Forceps- plain & toothed
19	Baby Metzenbaum Scissors
20	Kilner's Scissors
21	Right Angle Retractor, small, medium and large
22	Deaver's Retractor
23	Denis Browne Ring Retractor
24	Finocietto Rib Spreader for newborn, Infant and child
25	Doyen's Rib Respiratory
26	Baby Satinsky Clamp
27	Baby Pott's Clamp
28	Debakey Forceps
29	Babcock Forceps
30	Duval Lung Forceps
31	Vascular Bulldog Clamp
32	Pott's Scissors
33	Skin Grafting Blade Handle
34	Sims Rectal Speculum
35	Dingman Cleft Palate Retractor
36	Boyle Davis Mouth Gag
37	Skin Hook
38	Cat's Paw Retractor
39	Towel Clips
40	Sponge Holding Forceps
41	Anal Dilator Set

42	Urethral Dilator Set
43	Baby Adsons Self Retaining Retractor
44	Periosteum Elevator
45	Magill Forceps AN 308 8"
46	Baby-Metzenbaum Scissors 5-3/4" BC 600
47	Baby-Metzenbaum Scissors 5-3/4" BC 603
48	Kilner's Scissors 4-3/4"
49	Kilner Scissors 6"
50	Dissecting Forceps
51	Tissue Forceps
52	Towel Clips
53	Baby Mosquitos 3-3/4" St
54	Baby Mosquitos 3-3/4" Cur
55	Baby Crie Forceps 5-1/2" St
56	Baby Crie Forceps 5-1/2" Cur
57	Baby Mosquitos (Hartman) 3-3/4" St
58	Baby Mosquitos (Hartman) 3-3/4" Cur
59	Baby Kocher Ochsner 5-1/2" St
60	Baby Kocher Ochsner 5-1/2" Cur
61	Micro adson 5-1/2"
62	Baby Overholt 5-1/2"
63	Baby Mixture Forceps 5-1/2"
64	Needle Holder
65	Baby Adson Forceps
66	Periosteum elevators, Farabouf (straight) 140 mm
67	Chisel Stille (straight) 6 mm
68	Scalpel handle for BP knife, No.3, No.4, No.5

(iii) Accessories & Hand instruments for Laparoscopy

Sl. No.	
1	Trocar - 3 mm, 5 mm, 10 mm
2	Telescope - 0 degree, 30 degree
3	Needle holder, 3 mm, 5 mm, 10 mm.
4	Scissors, 3 mm, 5 mm, 10 mm.
5	Clip Applicator, 5 mm, 10 mm.
6	Pyloromyotomy muscle spreaders 5 mm
7	Pyloromyotomy knife 5 mm
8	Hook, 3 mm, 5 mm, 10mm
9	Maryland forceps, 3 mm, 5 mm, 10 mm.
10	Suction irrigation cannula 5mm, 10 mm
11	Grasper – 3 mm, 5 mm, 10 mm
12	Spare bulb for xenon light source.

Warranty : 1 year

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-781022.

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 Excise 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 Forwarding ©	Inland Transportation (d)	Insurance and Incidental costs (e)	Incidental Services (including supervision) (f)			
1	2	3	4	5						6	7	8

Total bid price in Rupees:
In words:

Signature of bidder
Name
Business Address

Place: Date:

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
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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.

- i. Does the firm have the adequate facilities for inspection and quality control? Please give details.

I, _____ Prop./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 in Lakhs (Rs)
1.	2007-08	-
2.	2008-09	-
3.	2009-10	-

Total -Rs. _____ Lakhs.

Average turnover per annum - Rs. _____ Lakhs.

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-781022.

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-781022.

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.

Signature:

Fax No.

E-mail:

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.	It 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 Majuere—Delivery period, price reduction termination etc are subject Force Majuere 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.	

	<p>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).</p>	
14.	<p>a) Confirm that all inspection & testing charges including 3rd 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.</p>	
15.	<p>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.</p>	
16.	<p>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.</p>	
17.	<p>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.</p>	
18.	<p>Confirm that Performance Bank Guarantee shall be furnished for 5% of the total order value valid till guarantee period of the goods.</p>	
19.	<p>Confirm acceptance of Part order.</p>	
20.	<p>Confirm acceptance of Repeat order within 12 months from the date of basic order at same price and terms & conditions.</p>	
21.	<p>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.</p>	

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, 2010.

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.....2010 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..... 2010 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.....