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**Government of Mizoram
Department of Health & Family Welfare,
Directorate of Hospital & Medical Education,**

**Request for Proposal for
Consultancy Support
for
Procurement, Supply, Delivery, Installation and Maintenance
of various equipment, equipment, furniture etc.
for
Mizoram Institute of Medical Education & Research and State
Referral Hospital, Falkawn, Aizawl, Mizoram**

Directorate of Hospital & Medical Education
Department of Health & Family Welfare,
Government of Mizoram

Request for Proposals

Tender No. 1 of 2016-17/F. 19013/2/2016- MED.COL.

Subject: Request for Proposal for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram.

On behalf of the Secretary, Department of Health & Family Welfare, Government of Mizoram, request is issued to eligible Consultancy Firms to provide Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of Medical equipment to be supplied to the Government of Mizoram.

2.0 Proposed medical equipments and other lab equipments are attached in the **Appendix I**. The Consultancy Firm, after award of work, shall visit the concerned hospital in Mizoram and will recommend specifications of the Medical equipment and modalities for procurement, based on the observations made during the visit, along with the estimated cost of the various equipment, instruments, furniture etc. The Consultancy Firm shall also recommend on the requirement of Comprehensive Annual Maintenance Contract for the Medical equipment and training of local staff at Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram. Consultancy Firm shall prepare detailed technical specifications for all equipment, shall prepare tender document, get the tender document approved by Director of Hospital & Medical Education (DHME), invite bids on behalf of DHME, evaluate the proposals and submit recommendations for placement of purchase order to selected supplier. The Consultancy Firm shall also be responsible for co- ordination between DHME and supplier to ensure smooth delivery of Medical equipment to the Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram; for monitoring of installation and commissioning of the equipment and instruments; training by the supplier to local staff; and monitoring during comprehensive AMC period, if any. The Consultancy Firm should have proven experience of providing Consultancy services for supply of equipment and instruments of similar nature of work.

3.0 Interested Indian Consultancy Firm may submit their offer as per the RFP Document which can be obtained from Directorate of Hospital & Medical Education, Mizoram, on payment of INR Rs. 1000/- (Rupees One Thousand only) **upto 31st January, 2017** on any working day. The payment will be accepted in the form of crossed demand draft in favour of "Director, Hospital & Medical Education" drawn on any scheduled bank, payable at Aizawl, Mizoram. The RFP document can also be downloaded from DHME website <http://health.mizoram.gov.in>. **Payment in this case is to be submitted later at the time of submission of the bid documents.**

4.0 The last date for submission of bid is upto **31st January, 2017**. Bids submitted at any other place shall not be entertained by DHME.

5.0 Pre bid conference: A Pre bid conference for queries and clarifications on the tender document will be held at 11.00 Hours on **23rd January, 2017 in the Office Chambers of The Director, Hospital & Medical Education.**

6.0 The Directorate of Hospital & Medical Education reserves the right to accept or reject any / all bids without assigning any reason whatsoever.

7.0 Further information regarding extension of date of opening, amendments, etc. shall be posted on DHME website <http://health.mizoram.gov.in>

Sd/-
(LALRINLIANA FANAI)
Commissioner & Secretary to the Govt. of
Mizoram,
Health & Family Welfare Department

Request for Proposal & Request for Quotation for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of various equipment for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram

1.0 Background:

Various equipment, instruments, furniture etc. are to be procured and supplied to the Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram so as to establish a medical college with 100 MBBS seats along with 500 bedded medical college hospital.

2.0 Objective:

The present Request for Proposal (RFP) is for inviting techno-commercial proposals for Consultancy Services to facilitate Vendor management for procurement, supply, delivery, installation and maintenance of equipment for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram. The Consultancy Firm, after award of work, shall visit the concerned institute/hospital in Mizoram and will recommend specifications of the various equipment, instruments, furniture etc. and modalities for procurement, based on the observations made during the visit, along with the estimated cost of the machine. The various equipment, instruments, furniture as mandated by Medical Council of India guidelines for 100 MBBS admissions will have to be incorporated. The Consultancy Firm shall also recommend on the requirement of Comprehensive Annual Maintenance Contract for the Medical equipment and training of local staff at Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram. Consultancy Firm shall prepare detailed technical specifications for all equipment, instruments, furniture, shall prepare tender document, get the tender document approved by Director of Hospital & Medical Education (DHME), Government of Mizoram, invite bids on behalf of DHME, evaluate the proposals and submit recommendations for placement of purchase order to selected suppliers. The Consultancy Firm shall also be responsible for co-ordination between DHME and supplier to ensure smooth delivery of Medical equipment to the Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram; for monitoring of installation and commissioning of the Medical equipment; training by the supplier to local staff; and monitoring during comprehensive AMC period, if any. The Consultancy Firm should have proven experience of providing Consultancy services for supply of medical equipment of similar nature.

Part-II - Scope of Work for the Consultancy Firm/company

3.0 Terms of Reference:

The Consultancy Firm/company will have to provide consultancy services for procurement of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram. Existing MCI norms for 100 annual admissions will have to be followed. The brief description of work is as follows:

3.1 Equipment Planning:

- i. Review DHME's requirements and evolve suitable strategy providing various options of procurement for DHMEs confirmation.
- ii. Undertake a visit of Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram and submit recommendations on the requirement of various equipment, instruments, furniture etc. in consultation with DHME.
- iii. Submit estimated expenditure in detail for Medical equipment.
- iv. Provide technical assistance and planning requirements like space planning, equipment movement and installation considerations in design, internal design conditions, Services connections and Interior requirements to the DHME for the required equipment, instruments, furniture etc.
- v. Give suggestions to DHME for the requirement of Comprehensive AMC of the Medical equipment.

3.2 Procurement of Various Equipment, Instruments, Furniture etc.:

- i. Work out the procurement schedule in line with Medical College Project schedule and requirements to enable DHME to understand the timelines for placing orders.
- ii. Evaluate Pre-qualification of vendors.
- iii. Provide detailed specification of equipment, instruments, furniture etc. as per the best practices suitable for a medical college with 100 annual admissions in a form suitable for competitive tendering which shall be approved by DHME.
- iv. Prepare tender Document based on the approval for submission to DHME.
- v. Submit Estimates for each tender containing Benchmark figures.
- vi. Provide appropriate information to prospective tenderer(s);
- vii. Conduct short enquiry/tender openings if requested, assist in reviewing Short enquiry/tenders for conformity with the Project requirements.
- viii. Provide and update Technical comparative(s) during negotiation process and submit recommendations clearly highlighting the pros and cons and the reasons for selection of any specific vendor, equipment or technology including the total cost for each offer.
- ix. Supplementing and interpreting the tender documents submitted by Vendors to assist DHME in negotiations with Contractor(s);
- x. Prepare addenda in consultation with DHME for Short enquiry/tender packages to advise Contractor(s) of information that was not originally included in the Technical Specifications, as necessary to enable them to prepare and submit Short enquiry/tenders and enter into Contracts.
- xi. Technically review the Procurement Order draft prepared by DHME to ensure conformity to the project requirements and highlight critical parameters or deviations.

3.3 Equipment Installation:

- i. Oversee the installation of the tendered Medical equipment to culminate in certification that equipment is commissioned satisfactorily.
- ii. Provide and ensure conformity to the specifications mentioned in tender documents while the Medical equipment is brought and installed at site.
- iii. Issue certificate of final testing & commissioning of the Medical equipment.
- iv. Ensure receipt of all documents, manuals, software, licenses from the vendors as stipulated in the tender scopes and hand over the same to the authorities designated by DHME.
- v. The Consultancy Firm shall establish procedures for checking compliance with design and

- specification, monitor standard of workmanship, construction method and right sequence in accordance with the procedure laid-down and adequacy of materials.
- vi. The Consultancy Firm shall ensure that the construction and installation are as per the design intent.
 - vii. Consultancy Firm will provide experienced personnel for design, erection, testing & commissioning of the Medical equipment and shall ensure that these personnel are available until satisfactory completion of the performance guarantee tests as per agreed parameters/ Quality Assurance Plan.

3.4 Maintenance of the Medical equipment:

The Consultancy Firm shall be submitting recommendation on the requirement of Comprehensive Maintenance Contract (CMC) for the Medical equipment. DHME's decision shall be final in this regard. The Consultancy Firm shall be responsible for coordination between hospital authorities and Medical equipment suppliers during the warranty and CMC period. The Consultancy Firm would forward the bills to DHME after ensuring that the supplier is fulfilling all obligation stated in the Contract. DHME, at its discretion and whenever felt necessary, may ask the Consultancy Firm to visit the Institute/Hospital during Warranty and CMC period.

4.0 Deliverables:

4.1 Feasibility Report: The Consultancy Firm shall visit Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, in Mizoram. Based on the findings during the visit, the Consultancy Firm will suggest specifications of the equipment, instruments, furniture etc. and requirement of Comprehensive Maintenance Contract. While suggesting the same, the Consultancy Firm shall take into account the infrastructure availability in the institute/hospital, capacity of the hospital to utilize the Medical equipment, maintainability of the Medical equipment, etc. However, the decision of DHME shall be final in this regard. The Consultancy Firm shall be prepared to undertake the visit within 15 days from the date of signing of the Agreement and shall submit feasibility report within 15 days from the date of his return from the above said visit. The report should also include a detailed bar chart showing completion time for all major activities of the procurement process. This bar chart on approval shall form part of this Contract.

4.2 Tendering: The Consultancy Firm shall call the tender for procurement of the Medical equipment. Consultancy Firm shall prepare tender document, get it vetted by DHME, arrange to publish Notice Inviting Tender (NIT) in newspaper either directly or through DHME, receive the bids, evaluate the bids and recommend award of work to successful supplier in consultation with DHME. Approval of DHME / designated official of DHME shall be obtained at every stage of tendering. The Consultancy Firm/company will have to submit draft tender document (for approval of DHME) within 15 days from the date of approval of the feasibility Report by DHME. The specifications of the various equipment, instruments, furniture etc. proposed in the draft tender document should be generic in nature and DHME, at its discretion and without any extra cost, may ask the Consultancy Firm to get the specifications vetted by the Ministry of Health, Gol.

4.3 Reports: The Consultancy Firm/ Company will submit fortnightly progress report to designated official(s) nominated by DHME. The designated officer so nominated will also act as the counterpart to provide the necessary support to the Consultancy Firm/ Company. DHME will have the right to depute its representative to ascertain the progress of work at site.

4.4 Supervision during Maintenance period: The Consultancy Firm shall co- ordinate between DHME/concerned authorities in Mizoram and Supplier during the Comprehensive Maintenance Contract period as stipulated under para-3.4 of the RFP document.

Part-III - Instructions to Bidders

5.0 Eligibility Requirements:

- i. The Consultancy Firm/ Company shall be an Indian Firm / Indian Company.
- ii. The bidder shall be a Consultancy firm /Consultancy Company providing Consultancy services for planning, execution and procurement of medical equipment for medical colleges..
- iii. The bidder shall have an **average annual turnover of at least INR 50 lakhs or more over the last three years**. Audited Balance Sheets for the last 3 years shall be enclosed as supporting document.
- iv. The bidder must have provided Consultancy Services for planning, execution, monitoring and procurement of medical equipment for at least **1. one similar project of not less than INR 10 crore or 2. two similar projects of not less than INR 5 crore each or 3. three similar projects of not less than INR 3 crore each** in last three years.
- v. The bidder shall supply documentary evidence/verifiable reference (name, address, telephone number, website address and email ID) of the customer(s) referred to in clause 5.0-iv above for enabling assessment of the performance with a certification from the customer or other evidence of the quality of work executed.
- vi. The bidder should not be black listed by any Government entity in India.

6.0 Contents of the Proposals

The Consultancy Firm/ Company is expected to examine all instructions, terms & conditions and Statement of deliverables etc. in the RFP document. Failure to furnish all information required or submission of a Proposal not substantially responsive to the RFP in every respect will be at the Consultancy Firm's/ Company's risk and may result in the rejection of the Proposal.

7.0 Pre Bid Conference for queries on the RFP Document

A Pre bid conference for queries and clarifications on the RFP document will be held at **11.00 Hrs on 23rd January, 2017** in the Office Chambers of The Director, Hospital & Medical Education. All prospective bidders / authorized representative of the bidders who have purchased / downloaded the RFP document may attend the pre bid conference to get their queries and clarification replied, if any. The bidder should depute senior level representative(s) who should be well conversant with the subject and bid requirements.

8.0 Amendment of RFP :

At any time prior to the last date for submission of Proposal, DHME, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Consultancy Firm/ Company, modify the RFP Document by an amendment. Also in order to provide prospective reasonable time to take the amendment into account for preparing their bids, DHME may, at its discretion, extend the last date for the receipt of Bids and/or make other changes in the requirements set out in the RFP document. **The bid shall remain valid for 180 days from the date of bid opening.** However, in exceptional circumstances, DHME may request the consent of the bidder for an extension to the period of bid validity.

9.0 Bid Security:

All the bids must be accompanied by a bid security of Rs. 50,000/- (Rupees Fifty Thousands only) in the form of a Demand Draft (DD) / Bank Guarantee(BG) drawn on any nationalized, scheduled bank payable at Delhi, in favour of “**Director, Hospital & Medical Education**” payable at Aizawl, Mizoram. The bid security of unsuccessful bidders shall be returned after the process of pre qualification and opening of financial bids. Bid security shall be forfeited if a bidder withdraws from the tendering process after opening of technical bids. Bid Security of successful bidder shall be returned after submission of performance guarantee as per clause-10.0.

10.0 Performance Guarantee:

The successful bidder will be required to submit performance guarantee in the form of Bank Guarantee (Annexure-II), initially, of Rs. 5 Lakh within 15 days of issue of acceptance letter. The performance guarantee shall be valid up to the period of 1 year from the date of submission and shall be extended suitably depending upon the validity of warranty period of the medical equipment. In any case it shall not be retained beyond 3 months from the date of completion of CMC period. The Performance Guarantee shall be forfeited in case the successful bidder fails to provide the consultancy services to the satisfaction of DHME. If the feasibility Report and/or draft tender document are not submitted or the Consultancy Firm is not able to procure the medical equipment in the stipulated delivery period, DHME reserves the right to cancel the contract. In that case the Performance Guarantee shall be forfeited.

11.0 Cost of Proposals:

The Consultancy Firm/ Company shall bear all costs associated with the preparation and submission of its Proposal, including cost of presentation for the purposes of clarification of the bid, if so desired by the DHME. DHME will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process of the Proposals.

12.0 Procedure for Submission of bid

12.1 The Proposal is to be submitted on “Two Bid System” comprising of “Technical Bid” and “Financial Bid” both of which should be submitted in sealed cover separately and then put together in another sealed cover. The outer envelope should bear the name of the Project i.e. “Proposal for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of Medical equipment for Mizoram Institute of Referral Hospital, Falkawn, Mizoram”. The Technical Bid will be opened as per the time schedule given in the RFP document and Financial Bids of the technically qualified bidders will be opened on a later date after due intimation. Bidders or its duly authorized representative may attend the technical- bid opening process.

12.2 Technical Bid of the Proposal should be a complete document bound as a volume separately. The document should be page numbered, duly signed with seal and appropriately flagged and contain the list of contents with page numbers. Any deficiency in documentation may result in rejection of the offer.

12.3 The “Technical Bid” shall contain Bid Security (as defined in clause 9.0) and all other technical details/documents in support of the offer. There will be no mention of prices anywhere in the Technical Bid. However a copy of the “Financial Bid” without price must also be provided with the Technical Bid.

12.4 The following documents must also be submitted with the technical bid of the offer:

- i) The bidder must sign each page of this RFP document, and submit the complete document without detaching any page with their offer. The bidder must also attach a certificate conveying acceptance of all the terms and conditions of the RFP document. The certificate and signed RFP document are to be submitted with the Technical Bid.
- ii) All documents related with Partnership Deed / Articles of Memorandum of Association or Proprietorship Deed as the case may be
- iii) Certificate of Incorporation of the firm (if the bidder is a Company).
- iv) Power of Attorney/General Power of Attorney or proper authorisation to the person empowered by the firm/company to sign the documents on its behalf.
- v) List of all key technical staff to be deputed on the project with their Educational qualifications, experience, name, telephone No., e-mail ID etc must be provided.
- vi) Turnover certificate of the firm certified by the auditor/CA/CS indicating the turnover in area of medical equipment procurement related works must be attached.
- vii) Latest Annual Report of the Bidder firm.
- viii) Service Tax Registration number and attested copy of Registration Certificates.
- ix) Details of past experience of executing similar works by the Consultancy Firm/ Company with supporting documents to establish eligibility of the bidder.
- x) Any other information, documentary evidence in support of suitability of the offer.
- xi) Duly filled and signed Bid-Form (Annexure-IV)
- xii) Demand Draft of Rs. 1000/- (Rs. One Thousand Only) against RFP document fee (in case of download from website) in favour of “**Director, Hospital & Medical Education**” payable at Aizawl.

12.5 Financial Bid: A format for Financial bid has been prescribed (Annexure-I). The Financial Bid will contain Price Schedule and all the commercial details of the offer and should be all

inclusive covering all items of the work including the cost of staff, stationery, contingency amounts, living expenses, communication, other resources and all miscellaneous expenses that may be required to be met in connection with delivery of the Consultancy Services. Conditional price-bids may be rejected by DHME. The price bid should be unconditional inclusive of all charges. However, publication of NIT in newspaper and posting on DHME website shall be done by DHME. If DHME asks Consultancy Firm/ Company to publish bid on its own, charges for publication of NITs in newspapers shall be reimbursed as per actuals provided that such expenditure is incurred with the prior approval of DHME.

13.0 Authorized Signatory

The Consultancy Firm/company should be the duly Authorized Representative of the Consultancy Firm/company, for which a certificate of authority will be submitted. All certificates and documents (including any clarifications sought and any subsequent correspondences) received hereby, shall, as far as possible, be furnished and signed by the Authorized Representative. The power or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the Consultancy Firm/company shall be annexed to the bid. DHME may reject outright any proposal not supported by adequate proof of the signatory's authority. The Consultancy Firm/ Company should indicate their contact details in the offer.

14.0 Partial Offers

Proposals offering consultancy for partial requirements would be summarily rejected.

15.0 Misrepresentation of facts:

If at any stage of Tendering process or during the currency of the Contract, any suppression / falsification of such information is brought to the knowledge, DHME shall have the right to reject the proposal or terminate the contract, as the case may be, without any compensation to the bidder.

16.0 Confidentiality

The Consultancy Firm/ Company recognizes that as a result of the receipt of this Request for Proposal and participation in this Request for Proposal process, the team will have access to and / or utilize information which is confidential and proprietary.

For the purposes of the remainder of this document, the term "Confidential Information" shall include all types and varieties of data, information, facts or opinions, whether in written, verbal or electronically encoded forms, which are created, developed, received or utilised as a result of its involvement with this Request for Proposal.

The Consultancy Firm/ Company agrees to hold all such Confidential Information in the highest trust and will not divulge, disclose, distribute, release, confirm or otherwise disseminate any such Confidential Information other than that which is required in the presentation of its proposal, without the express written permission of the DHME.

In the event that the Consultancy Firm/ Company has any questions regarding the application of this confidentiality / non-disclosure agreement, the Consultancy Firm/ Company agrees to consult with the DHME in writing prior to divulging, disclosing, distributing, releasing, confirming or otherwise disseminating any such Confidential Information and to abide by the directions given.

The Consultancy Firm/ Company agrees to return all such Confidential Information to the DHME upon the completion of its involvement in the Request for Proposal process.

17.0 Evaluation of Proposals:

- i. Preliminary scrutiny of the proposal will be made to determine whether they are complete, required processing fee and bid security have been furnished, whether the documents have been properly signed, and whether the bids are generally in order. Proposals not conforming to such preliminary requirements will be prima facie rejected.
- ii. Bids, complying with all the requirements mentioned under Clause 5 and Clause-12.4 of the RFP document shall be treated as substantially responsive bids. Financial bids of all those bidders shall be opened who are found to be substantially responsive and work shall be awarded to the L-1 Consultancy Firm/ Company.
- iii. Consultancy Firm/ Company should quote their fee in prescribed proforma only. Quotes in other format may be rejected by DHME.
- iv. In case of discrepancy in words and figures, the fee quoted in words shall be treated as final.

Part-IV – Payment Terms

18.0 The payment schedule will be linked to following milestones:

Sl. No	Milestone	Payment	Timeline
1.	Submission of final Feasibility report subsequent to visit to Mizoram	10% of Consultancy Fees	within 30 days + actual visiting days after signing of agreement
2.	On DHME's approval for tender document submitted by the Consultancy Firm/ Company subsequent to approval of feasibility report by DHME	10% of Consultancy Fees	Within 21 days from the date of approval of the feasibility Report by
3.	On delivery of medical equipment to Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram by the Consultancy Firm/ Company. Consultancy fee shall be determined on the basis of tendered cost and fee quoted by the Consultancy Firm/ Company in the bid.	50% of the Consultancy fee (after adjustment of prior payment)	Period as per tender document to be approved by DHME *
4.	On completion of Installation and commissioning of medical equipment (including on-site training by the supplier, if any)	Remaining 30%	Period as per tender document to be approved by DHME *

* Timeline for delivery of medical equipment in tender document would be decided after the acceptance of feasibility report prepared by consultant.

18.2 Publication of NIT in newspaper and posting on DHME website shall be done by DHME. However, if DHME asks Consultancy Firm/ Company to publish bid on its own, charges for publication of NITs in newspapers shall be reimbursed as per actuals provided that such expenditure is incurred with the prior approval of DHME.

18.3 TDS as applicable shall be deducted from the invoices and DHME shall issue the necessary certificates to this effect. In case Consultancy Firm/ Company submit the exemption certificate, then TDS shall not be deducted.

18.4 Statutory variation in taxes & duties and/ or imposition of any new tax/ duty after the effective date of contract shall be to DHME's account. However, Consultancy Firm/ Company has to inform along with notification of changes in duties and taxes, if any, well in advance to the DHME.

18.5 The Consultancy Firm/ Company shall be deemed to have inspected the Site and its

surroundings and to have satisfied itself as to all technical, commercial, social and general condition of and all circumstances affecting the Site and the Works, the form and nature of the Site, the extent and nature of the work and materials necessary for carrying out and completion of the Works, communication/transportation/access issues to the Site, the accommodation it may require and in general all risks and contingencies influencing or affecting the Works. The Consultancy Firm/ Company shall not, except as expressly provided in this Contract, be entitled to any extension of the Completion Schedule or to any adjustment of the Contract Price on grounds of misinterpretation or misunderstanding of any such matter.

18.6 The agreed rates are inclusive of all incidental/miscellaneous expenses incurred in order to discharge the contractual obligations.

Part-V – Other Conditions

19.0 Liquidated Damages (LD) for Delays

The time allowed for carrying out the work as per the work order shall be strictly observed by the Consultancy Firm/ Company and shall be reckoned from the date on which acceptance of offer to commence work is given to the Consultancy Firm/ Company. The work shall, throughout the stipulated period of the contract, be conducted with all due diligence. Consultancy Firm/ Company shall pay as **LD an amount equal to 0.5 % (one half percent) of the total value of Consultancy Fee for every month or part thereof** if it fails to undertake visit finalized by the Ministry; to submit Consultancy report within stipulated time period; to submit Draft tender document within stipulated time period; to invite bids on behalf of DHME; and any other task(s) conveyed in writing by DHME in respect of the procurement process. The entire amount of compensation to be paid under the provisions of this clause shall not exceed **5%** of the total Consultancy fee.

20.0 Force Majeure

- i. For the purposes of this Agreement, “Force Majeure” DHME’s an event which is beyond the reasonable control of a Party, and which makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by government agencies.
- ii. Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or such Party’s Sub Consultancy Firm/ Company or agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected to both (A) take into account at the time of the conclusion of this Agreement and (B) avoid or overcome in the carrying out of its obligations hereunder.
- iii. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.

21.0 Arbitration:

In the event of any question, dispute or difference arising under this agreement or in connection therewith except as to the matter the decision to which is specifically provided under this agreement, the same shall be referred by either party (DHME or the bidder) after

issuance of 30 days notice in writing to the other party clearly mentioning the nature of dispute to a single arbitrator acceptable to both the parties. The agreement to appoint an arbitrator will be in accordance with the Arbitration and Conciliation Act 1996. The award of the arbitrator shall be final and binding on both the parties to the agreement.

The arbitrator may from time to time with the consent of both the parties enlarge the time for making and publishing the award. Subject to aforesaid Arbitration and Conciliation Act 1996, and the rules made there under any modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this clause.

22.0 Ownership:

- i) The DHME shall acquire the sole and exclusive right to the use of any or all, documents, presentations, analysis, know-how achieved by the Consultancy Firm/ Company during the execution of this Contract.
- ii) Any and all parts like drawing, documents, presentations etc. furnished by the DHME and processed by the Consultancy Firm/ Company or his Sub-Contractor shall at all times prior to, during and subsequent to manufacturing be and remain sole and exclusive property of the Purchaser/DHME.

23.0 Consultancy Firm's/ Company's Code of Conduct

The Consultancy Firm/ Company:

- Shall ensure compliance to all governmental norms local & international on Statutory Compliances such as, Environmental Protection, Minimum Wages, Child Labour, Anti Bribery, Corruption, Health & Safety etc.
- Shall follow all environmental, Health & Safety and other operational policies of the Company while executing the work under this agreement/ contract at the Company's site.
- Shall not take any recourse to any unethical behavior (implicit or explicit) with any employee of The DHME for the purpose of obtaining any order or information that may result in a favorable financial impact. More specifically:
 - Shall not offer or accept bribe or use other unethical methods of obtaining undue or improper advantage. No Consultancy Firm/ Company, or its representatives or employees, shall offer to any employee of DHME a kickback, favor, gratuity, or anything of value to obtain favorable treatment or for advancement of business.
 - Shall not take any advantage of any family/social/ political connections in obtaining favour with regard to any order. Merit shall be the sole attribute for association with The DHME.
 - Shall not offer any gift or entertainment for the purpose of obtaining any order or any undue favour (also refer to the Gift Policy of The DHME which is uploaded on the company's website)
 - Shall forthwith report any unethical activity or discrimination if practiced by any The DHME employee/ other suppliers as per The DHME Whistleblower Policy (uploaded on the company's website)
 - Shall desist from any unfair trade practices with other competitors which are also associated with The DHME
 - Shall protect/ not in-fringe on any of The DHME intellectual property/ information/ technology which comes to your knowledge during the course of your relationship/ business dealings with The DHME.

24.0 Codes and Language to be used:

All technical services to be rendered under the Contract shall be executed in the manner set out in this Contract and in accordance with the best trade/ engineering practices judged by the International standards. Wherever the codes are not mentioned, best International Standards shall be followed with the approval of DHME. Any deviation from standard shall need the approval in writing by DHME, and in such matters, DHME shall be the sole authority. The English language shall be the language to be used in all correspondence, instructions, drawings, specifications, catalogues, brochures, pamphlets, documents and any other data to be given.

25.0 Deployment of Manpower:

Consultancy Firm/ Company shall deploy the required manpower to carry-out the job as per organization chart provided and approved by the DHME.

Selection of manpower: The CVs of the personnel shall be submitted to the DHME before their deployment at site and the DHME shall review the same.

The detailed responsibilities of site staff and key personnel of Consultancy Firm/ Company are elaborated in the scope of work.

DHME shall be entitled by notice to object to any representative or person employed by and/or any Sub-Consultant/Consultant in the execution of the project shall, in the opinion of DHME, misconduct himself or herself or be incompetent or negligent, and Consultancy Firm/ Company shall remove such person from the works and appoint a suitable replacement or ensure that the relevant **Consultant**, sub Consultant does so.

26.0 Correspondence with DHME:

Any contractual notice, report, certificate or other communication to be given to the DHME shall be served by sending the same by electronic mail/facsimile transmission (with a confirmation copy by couriers or by hand delivery only in case of major issues relating to the order, viz. Notices of Tests, arbitration, making a claim, termination etc.) to, or by leaving the same at, the addresses as may be specified for that purpose in writing to the Consultancy Firm/ Company and upon obtaining proper receipt of the same.

27.0 Termination and Suspension:

27.1 Termination: If the Consultancy Firm/ Company:

- a) shall have voluntarily commenced winding-up, bankruptcy, insolvency, reorganization, stay, moratorium or similar debtor-relief proceedings, or shall have become insolvent or is unable to pay its debts as they become due, or admits in writing its inability to pay its debts or makes an assignment for the benefit of its creditors;
- b) has insolvency, receivership, reorganization or bankruptcy proceedings brought against him and the petition commencing such proceedings is not controverted and the proceedings dismissed or effectively stayed within 30 (thirty) days of such commencement;
- c) Has abandoned the Contract;
- d) despite previous warnings in writing from the DHME, has wrongfully refused or has materially failed or neglected at any time to execute the Contract or is failing to proceed with the Contract with due diligence or is neglecting to carry out its other obligations under the Contract in each case so as to affect materially and adversely the execution of the Contract;

- e) offers or gives or agrees to give to any person in the DHME's service or to any other person on his behalf, any gift or consideration of any kind as an inducement or reward for doing or for bearing to do so or for having done or forborne to do any act in relation to obtaining or execution of this or any other Contract for the DHME;
- f) shall enter into a contract with the DHME's employee in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have previously been disclosed, in writing, to the DHME;
- g) has failed to deliver the said Works of any or all jobs as per the Scope within the Completion Schedule; then the DHME may, by notice to the Consultancy Firm/ Company and without prejudice to any other remedy under the Contract, terminate the Contract but without thereby releasing the Consultancy Firm/ Company from any of his obligations or liabilities which have accrued as at the date of termination of the Contract and without affecting the rights and powers conferred by the Contract on the DHME. Upon such termination the DHME may itself complete the Service or may employ any other Consultancy Firm/ Company to complete the job at the risk and cost of the Consultancy Firm/ Company.

27.2 Opportunity to remedy

The DHME's right to terminate the Contract following the occurrence of the events or circumstances, as described above, shall be subject to the DHME having first given the Consultancy Firm/ Company 30 (thirty) days prior notice of its intention to terminate the Contract, during which period the Consultancy Firm/ Company shall have failed to remedy or to take all reasonable steps to commence the remedy of the default.

27.3 Payment after Termination due to Consultancy Firm's/ Company's Default

The DHME shall not be liable to make any further payments to the Consultancy Firm/ Company until the costs of execution and all other expenses incurred by the DHME in completing the Services, and thereby the Facility, have been ascertained (herein called the "Cost of Completion"). If the Cost of Completion when added to the total amounts already paid to the Consultancy Firm/ Company as at the date of termination exceeds the total amount which would have been payable to the Consultancy Firm/ Company for the execution of the complete services, the Consultancy Firm/ Company shall upon demand, pay to the DHME the amount of such excess. Any such excess shall be deemed a debt due by the Consultancy Firm/ Company to the DHME and shall be recoverable accordingly.

If there is no such excess the Consultancy Firm/ Company shall be paid the value of the Services executed after adjusting the total of all payments received by the Consultancy Firm/ Company as on the date of termination

27.4 Termination without Consultancy Firm's/ Company's Default

DHME reserves the right to terminate the Contract at any time, without assigning any reason, by giving a notice of 1 (one) month. The Consultancy Firm/ Company shall stop the performance of the Contract from the date of termination and shall hand over all the drawings, documents and goods manufactured till date, including related rights, sanctions and approvals, to DHME. DHME shall pay to the Consultancy Firm/ Company the cost incurred by the Consultancy Firm/ Company till the date of termination, duly supported with documents, as compensation after adjusting payments already made till the termination. No consequential damages shall be payable by the DHME to the Consultancy Firm/ Company in the event of such termination.

27.5 Suspension:

- a) The DHME may suspend the work in whole or in part at any time by giving Consultancy Firm/ Company notice in writing to such effect stating the nature, the date and the anticipated duration of such suspension. On receiving the notice of suspension, the Consultancy Firm/ Company shall stop all such work, which the DHME has directed to be suspended with immediate effect. The Consultancy Firm/ Company shall continue to perform other work in terms of the Contract, which the DHME has not suspended. The Consultancy Firm/ Company shall resume the suspended work as expeditiously as possible after receipt of such withdrawal of suspension notice.
- b) During suspension, the Consultancy Firm/ Company shall not be entitled for any claim whatsoever arising out of any loss or damage or idle labour caused by such suspension.

27.6 Rights of DHME after Termination:

The DHME shall, on such termination of the Contract, have powers to :

- a) take possession of the Site and any material, Drawings, schemes, implements, stores etc. thereon; and /or
- b) carry out the incomplete Work by any DHME's at the risk and cost of the Consultancy Firm/ Company.
- c) Any excess expenditure incurred or to be incurred by the DHME in completing the Work or part of the Work or the loss or damages suffered by the DHME as aforesaid after allowing necessary credits, shall be recovered from any money due to the Consultancy Firm/ Company on any account and if such money is not sufficient, the Consultancy Firm/ Company shall be called upon in writing to pay the same within 30 days.
- d) The DHME shall not be liable to make any further payments to the Consultancy Firm/ Company until the costs of execution and all other expenses incurred by the DHME in completing the Works have been ascertained (herein called the "Cost of Completion"). If the Cost of Completion when added to the total amounts already paid to the Consultancy Firm/ Company as at the date of termination exceeds the total amount, which would have been payable to the Consultancy Firm/ Company for the execution of the Works, the Consultancy Firm/ Company shall upon demand, pay to the DHME the amount of such excess. Any such excess shall be deemed a debt due by the Consultancy Firm/ Company to the DHME and shall be recoverable accordingly. If there is no such excess the Consultancy Firm/ Company shall be entitled to be paid the difference (if any) between the value of the Works ascertained and the total of all payments received by the Consultancy Firm/ Company as on the date of termination.

Annexure-I

Financial Bid Form

Subject: Request for Proposal for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram

The undersigned Firm/Company, having read and examined in detail all the tender document in respect of Request for Proposal for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram, do hereby express their interest to undertake the works as specified in the RFP document at the following Consultancy fee:

S. No.	Item Description	Consultancy fee in terms of percentage of the cost of the medical equipment and associated costs thereof	
		(in figures)	in words
1	For providing Consultancy support to DHME for procurement of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram as stated in Scope of Work and Deliverables in the RFP document		

Note:

- a) All statutory taxes like service tax, etc. shall be paid extra as per actual.
- b) In case of any discrepancy in price quoted in figures and words, the price quoted in words will be treated as final.
- c) Bidder quoting lowest percentage shall be the L-1 bidder.

Signature Name
Designation
Company Seal
Date

Annexure-II**Form of Performance guarantee / Bank guarantee bond**

In consideration of the President of India (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement betweenand (hereinafter called "the said contractor(s)" for the work (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs.....(Rupees.....only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We(hereinafter referred to as the "Bank") hereby undertake to (indicate the name of the Bank)

pay to the Government an amount not exceeding Rs (Rupees.....only) on demand by the Government.

2. We do hereby undertake to pay the amounts due and payable (indicate the name of the Bank) under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs..... (Rupees.....only).

3. We, the said Bank, further undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder, and the contractor(s) shall have no claim against us for making such payment.

4. We further agree that the Guarantee herein contained shall (indicate the name of the Bank) remain in full force and effect during the period that would be taken for the performance of the said agreement, and it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, or till the Engineer-in-charge, on behalf of the Government, certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s), and accordingly discharges this guarantee.

5. We further agree with the Government that the Government (indicate the name of the Bank) shall have the fullest liberty without our consent, and without effecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s),

and to forbear or enforce any of the terms and conditions relating to the said agreement, and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).

7. Welastly undertake not to revoke this Guarantee except with (indicate the name of the Bank) the previous consent of the Government in writing.

8. This Guarantee shall be valid up tounless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs (Rupeesonly), and unless a claim in writing is lodged with us within six months of the date of expiry or extended date of expiry of this Guarantee all our liabilities under this Guarantee shall stand discharged.

Dated theday of..... For

(Indicate the name of the Bank)

Annexure-III**STATEMENT OF APPLICANT**

Subject: Request for Proposal for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram

1	Name of the bidder	
2	Address of Head Office Telephone Fax No. E-mail Address :	
3	Address of office in India	
4	Address for communication (if different)	
5	Legal Status	
6	Place & date of incorporation/establishment/ registration	
7	Total Number of permanent Employees	
9	Whether any part of the work is proposed to be sub contracted, if so, whether relevant details have been given in the offer	

Place:

(Name & Signature of Authorized Representative)

Date:

Annexure-IV**Bid Form**

**The Director,
Hospital & Medical Education
Government of Mizoram
Mizoram : Aizawl**

Subject: Request for Proposal for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram

The undersigned Firm/Company, having read and examined in all details of the tender document in respect of Request for Proposal for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram as specified in the scope of work.

Correspondence details:

1	Name of the bidder	
2	Address of the bidder	
3	Name of the contact person to whom all references shall be made regarding this tender	
4	Designation of the person to whom all references shall be made regarding this tender	
5	Address of the person to whom all references shall be made regarding this tender	
6	Telephone (with STD code)	
7	Mobile No. of the contact person	
8	E-mail of the contact person	
9	Fax No.(with STD code)	

Documents forming part of bid

We have enclosed the followings : ----- [Details to be provided by the bidder]

1.

2.

We hereby declare that our bid is made in good faith and the information is true and correct to the best of our knowledge and belief.

Thanking you,

Yours faithfully

(Signature of the bidder / authorised representative)

Name:

Designation:

Seal:

Date: Place:

Witness:

Signature Name

..... Address

.....

.....

.....

Date

Annexure-V**PROFORMA OF BANK GUARANTEE FOR BID SECURITY**

Bank Guarantee No. -----

Ref:

To

The Director,
Hospital & Medical Education,
Government of Mizoram
Mizoram : Aizawl

Dear Sirs,

Whereas the Director, Hospital & Medical Education, Department of Health & Family Welfare having its office at Dintar (hereinafter called the DHME) which expression shall, unless repugnant to the context or the DHME thereof, include all its successors, administrators, executors and assignees has on behalf of the Govt of Mizoram invited RFP No.-----

-----and M/s -----

having Registered/head office at -----

----- (Hereinafter called the "Consultant" which expression shall, unless repugnant to the context or the DHME thereof, DHME and include all its successors, administrators executors and assignees) have submitted a Proposal Reference No. ----- and Consultant having agree to furnish as a conditions precedent for participation in RFP as unconditional and irrevocable bank guarantee of Rs-----
------(Rupees-----

----- Only) for the due performance of Consultant's obligations as contained in the RFP Document supplied by the DHME specially the conditions that (a) Consultant shall keep his Proposal open for a period of day i.e. from ----- to -

----- or any extension thereof, and shall not withdraw or modify it in a manner not acceptable to the DHME (b) the Consultant will execute the contract, if awarded, and shall furnish performance guarantee in the format prescribed by the DHME within the required time. The Consultant has absolutely and unconditionally accepted these conditions. The DHME and the Consultant have agreed that Proposal submitted by the Consultant is an offer made on the condition that the Proposal, if submitted would be kept open in its original form without variation or modification in a manner not acceptable to the DHME for a period of -----days

i.e. from ----- to ----- or any, extension thereof and that submission of the Proposal itself shall be regarded as an unconditional and absolute acceptance of the conditions, contained in the RFP document. They have further agreed that the contract consisting of RFP document and submission of the Proposal as the ACCEPTANCE shall be a separate contract distinct from the contract which will come into existence when the Proposal is finally accepted by the DHME. The consideration for this separate initial contract preceding the main contract is that the DHME is not agreeable to sell the RFP documents to the Consultant and to consider the Proposal to be made except on the condition that the Proposal shall be kept open for the period indicated above and the Consultant desires to submit a Proposal on this condition after entering into this separate initial contract with the DHME promises to consider the Proposal on this condition and Consultant agrees to keep this Proposal open for the required period. These reciprocal promises form the CONSIDERATION for this separate initial contract between the parties.

2. Therefore, we ----- registered (indicate the name of Bank) under the laws of -----having head/registered office at (hereinafter referred to as the "Bank") which expression shall, unless repugnant to the context or DHME thereof, include all its successors, administrators and executors hereby issue irrevocable and unconditional bank guarantee and undertake to pay immediately on first demand in writing Rupees all money to the extent of Rs-----
--- (Rupees----- only) at any time immediately on such demand

without any demur, reservations, recourse, contest or protest and/ or without any reference to the Consultant and any such demand made by the DHME on the bank shall be conclusive and binding notwithstanding any difference between the DHME and the Consultant or any dispute pending before any court/arbitrator or any other matter whatsoever. We also agree to give that Guarantee herein the DHME in writing. This guarantee shall not be determined/discharged/affected by the liquidation, winding up, dissolution or insolvency of the Consultant and will remain valid, binding and operative against the bank.

3. The bank also undertakes that the DHME at the option shall be entitled to enforce this guarantee, against the Bank as a principal debtor, in the first instance, without proceeding against the Consultant.

4. The bank further agree that as between the bank and the DHME, purpose of the guarantee, any notice of the breach of the terms and conditions contained in the RFP Documents as referred above given to the bank by the DHME shall be conclusive and binding on Bank, without any proof, notwithstanding any other matter or difference or dispute whatsoever. We further agree that this guarantee shall not be *affected* by any change in our constitution, in the constitution of the DHME or that of the Consultant. We also undertake not to revoke, in any case, this Guarantee during its currency.

5. The bank agree with the DHME that the DHME shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms of the RFP or get extension of the validity period from time to time. We shall not be relieved from our liability by reason of any such variation or extension of the validity period or for any forbearance, act of omission and commission on the part of the DHME or any indulgence shown by the DHME to the said Consultant or by any such matter or thing whatsoever which under the law relating to sureties, would, but for this provision, have the effect of so relieving us.

6. Notwithstanding anything contained here in above our liability under his Guarantee is limited to Rs. ---
----- (Rupees ----- only) in aggregate and it shall remain in full force upto -----(225 days from the date of bid opening) unless extended further from time to time, for such period as may be instructed in writing by M/s -----
----- on whose behalf this guarantee has been given, in which case, it shall remain in full force upto the expiry of extended period. Any claim under this guarantee must be received by us before -----
----- (date of expiry of validity period) or before the expiry of extended period, if any. If no such claim is received by us within the said date/extended date, the rights of the DHME under this guarantee will cease. However, if such a claim has been received by us within and upto the said date/extended date, all right of the DHME under this guarantee shall be valid and shall not cease until we have satisfied that claim.

7. In case contract is awarded to the Bidder here in after referred to as "Contractor" the validity of this Bank Guarantee will stand automatically extended until the Consultant furnished to the DHME a bank guarantee for requisite amount towards performance guarantee for satisfactory performance of the contract. In case of failure to furnish performance bank Guarantee in the format prescribed by the DHME by the required date the claim must be submitted to us within validity period or extended period, if any. If no such claim has been received by us within the said date /extended date, rights, of the Ministry under this guarantee will cease. However if such a claim has been received by us within the said date/extended date all rights of the DHME under this guarantee shall be valid and shall not cease until we have satisfied that claim,

In witness where of the Bank, through its authorised officer, has sent its hand & stamp on this -----
-----day of at _____ of-----at-----of-----
----- (month & year).

Signature
(Full name in capital Letters)
Designation with bank stamp

Witness No.1

Signature
(Full name and address in capital letters)

Witness No.2

Attorney as per power of attorney No ----

Date -----

Signature
(Full name and address in capital letters)

APPENDIX - I

Subject: Request for Proposal for Consultancy Support for Procurement, Supply, Delivery, Installation and Maintenance of various equipment, instruments, furniture etc. for Mizoram Institute of Medical Education & Research and State Referral Hospital, Falkawn, Mizoram

The RFP is being issued for procurement of following listed equipment, instruments, furniture etc. However, DHME reserves the right to vary the quantities as per requirement. The place of delivery may also be changed at a later stage.

Sl. No.	Name of item	Qty.
DEPARTMENT OF ANATOMY		
1	Table with marble or stainless steel tops 6" x 2" x3"	15
2	Tables with marble or stainless steel, Half standard size	5
3	Drill machine	2
4	Hand saw	3
5	Band saw for sectioning body and limbs	1
6	Stools, preferably metal	60
7	Brain knife	3
8	Mortuary cooler with arrangement to keep at least 8 bodies or suitable alternative arrangement.	1/2
9	Plastic tanks for storing soft and dissected parts	10
10	Trolley Table (Steel, Light)	3
11	Projectors including overhead projectors	2 + 2
12	X-ray Viewing lobby	3
13	Charts	20
14	Diagrams	20
15	Models	20
16	Slides	20
17	Dissecting instruments	20
18	Meat cutting machine for thin body sections (trans and vertical) for gross anatomy sectional study	1
HISTOLOGY		
19	Microscopes, Monocular	60
20	Dissection microscope	5
21	Microtomes, rotary	2
22	Microtomes, Sledge, large cutting	1
23	Cabinet for slides (1000)	6
24	Incubators	1
25	Paraffin embedding bath	1
26	Hot plates for flattening sections	2
27	Hot air cover fro drying slides (450C)	1
28	Balance Analytical capacity 200 grms. and Sensitivity 1/10 mg.	1
29	Balance Earanger capacity 6 kilos Sensitivity, 1/5 gram	2
30	Refrigerators 450 ltrs.	2
31	Distilled water still menesty type capacity gallon per hour	2
32	Diamond pencils	4
33	7 colour marking pencils	2
Anatomy Museum		
34	Skeletons articulated set	5

Sl. No.	Name of item	Qty.
35	Skeletons Dis-articulated) sets	25
36	Specimen jars	100
37	Steel Racks	20
38	Required Embalming machines for cadavers	2
39	Computer for keeping student records, marks, stores etc.	5 sets
	DEPARTMENT OF PHYSIOLOGY	
1	Electric time makers, 100/sec.	6
2	Tuning fork, time marker, 100/sec.	6
3	Electrodes, X-blocks, burette clamps, enamel bowls brass uprights, with coarse and fine adjustments basin, spirit lamps, cooper wire (double cotton covered) Kymograph paper etc.	50 each
4	kymographs-Brodie-Starling complete with respiration pump, motor time marker manometer etc.	50 each
5	Operation table Volume recorders	6
6	Dale's bath for internal organ	15
7	Isolated Organs. Bath for students complete with liver etc.	25
8	Animal Weighing Machine, for small and big animals (for each)	1
9	Mary's Tambour	20
10	Venus and arterial canula (different sizes) (each)	12
11	Smoking outfit, with fume cupboard	1
12	Varnishing outfit, for long and short papers	1
13	Anaesthesia boxes	2
14	Surgical instruments for operative procedures, syringes, pulleys	20 each
15	(c) HUMAN AND OTHER EXPERIMENTS:	
16	Microscopes, Oil immersion	3
17	Demonstrations eye piece	3
18	Double Demonstration eye piece	3
19	Stage incubator	1
20	Wastergen's Pipettes for E.S.R. on Stand (with space pipettes)	35
21	Perimeter Priestly Smith S/LP.984 B & T	6
22	Haemoglobinometer, Sahil or hellige (with spaces)	36
23	Haemocytometers	36
24	Sphygmomanometer	12
25	Stethoscopes	12
26	Stethoscopes, Demonstration with Multipleear pieces	2
27	Polygraphs	2
28	Venus Pressure apparatus	2
29	Spirometer, Ordinary	6
30	Gas analysis apparatus, Haldane's students type	1
31	Van Slyko's apparatus manometric	2
32	Gas analyzer – automatic for CO ₂ , O ₂ , N ₂	1
33	Douglas bag, complete	6
34	Basal metabolism apparatus	1
35	Erogograph Mosse's	6
36	Clinical thermometer	12
37	Hand Compass	10
38	Thermanaesthesiometer	3
39	Algometer	3
40	Apparatus for passive movement	1
41	Knee hammer	12
42	Stethograph	10

Sl. No.	Name of item	Qty.
43	Bicycle ergometer	4
44	Olfactometer	1
45	Ophthalmoscope	2
46	Schematic eye	2
47	Phakoscope	1
48	Perimeters, with charts	2
49	Colour percetion lantern Edridge Green	1
50	Maddox rod	1
51	Newtons colour wheel	1
52	Tuning forks to test hearing 32-10,000 cps (sets)	2
53	Dynamometer	1
54	Otorhinolaryngoscope	3
55	Sterilizer Electric	2
56	Instrument trolley	1
57	Stop watches	6
	GENERAL	
1	Physiograph, 3 channels, complete with accessories	1
2	Physiograph, single channel, with accessories	6
3	Centrifuge, high speed with technometer etc.	1
4	Calorimeter, photo-electric	1
5	pH meter, electric	1
6	Refrigerator, 9-10c ft.	1
7	'B' Type Oxygen Cylinder with trolley	6
8	'A' Type Co cylinder with trolley	2
9	Electronic stimulator	1
10	Water distillation still, with spare heating elements	1
11	All glass distillation apparatus double stage	1
12	Voltage stabilizer	3
13	Step down transformers	2
14	Thermometers	50
15	Balances	50
16	Micro slides	50
17	Glassware	50
	DEPARTMENT OF BIOCHEMISTRY	
1	Fume cupboards	2
2	Boiling Water baths, with lids having 8-12 Holes	6
3	Autoclave electric	2
4	Balance open pan	6
5	Balance semi micro	2
6	Balance micro	1
7	Vortex mixers	2
8	Urinometers	50
9	Constant temperature water bath	4
10	Incubator electric with thermostat	4
11	Hot air oven	4
12	Magnetic stirrer	2
13	Pump vaccum	2
14	Calorimeters	6
15	Refrigerators 450 ltrs	4
16	Flame Photometer	2
17	Thermometers 0-2500C	4
18	Thermometers 0-110 0C	4
19	Cork borer set	1
20	Stop watch	4

Sl. No.	Name of item	Qty.
21	Spirit lamp	50
22	Chromatographic chamber	2
23	Water distillation plant (metallic)	3
24	All glass distillation apparatus	3
25	Desicators large size	6
26	Desicators small size	6
27	Centrifuge clinical for 12 tubes	6
28	PH meters	3
29	Homogeniser	3
30	Microscopes	6
31	Ultra Violet (U.V.) lamp	1
32	Tools for small workshop for glass blowing and mending	1 set
33	Bottle dispensers	15
34	Samplers (autopipettes) different volume range	15
35	Electrophoresis apparatus with power supply for Paper PAGE AGAROSE	6
36	Spectrophotometer	1
37	Binocular research microscopes	2
38	Glass ware as required by standard lab. Like pipettes, beakers and conical flasks, etc.	100 each
	DEPARTMENT OF PATHOLOGY	
1	Weighing machine for cadavers	1
2	Rotary Microtomes	2
3	Freezing Microtome with a stand for carbondioxide cylinder	1
4	Hot plates	2
5	Hot air (50 degree Celsius) for special staining	2
6	@ Paraffin embedding bath (Ordinary)	2
7	@ Electric vacuum embedding baths	2
8	Autoclave electric	2
9	Distilled water still	1
10	Water bath 57 degree Celsius	1
11	Rectangular water bath	1
12	Centrifuge machine electric Rotofix	1
13	Colorimeter Photoelectric Klett.	1
14	Cabinet for 1000 slides	100 nos.
15	Band saw	1
16	Autopsy tables	2
17	Automatic tissue processor, Histokinmettee or similar, complete.	1
18	Staining racks for staining in bulk	10
19	Troughs for staining in bulk	12
20	Coplin jars	24
21	Water bath electric (Tissue Floatation)	2
22	Balance, Chemical with weights	2
23	Balance, chemical with weights Microscopes, Monocular, with double nose piece, High power objective 2 eye-pieces, mechanical stage and condensor	60
24	Magnifying lens	6
25	Blood pressure instrument	2
26	Micrometer stage	2
27	Hot plate electric	2
28	Laboratory Counter nine keys clay Adams	6
29	Laboratory stirrer	1
30	Automatic timer	2
31	Balance for weighing organs	1

Sl. No.	Name of item	Qty.
32	Saws, wire for cutting bones	1
33	Slide boxes for 100 slides for students	120
34	Drill for boring glass	2
35	Blow piece with bellows for bending glass	2
36	Microphotographic apparatus	1
37	X-ray viewing box	2
38	Microprojection apparatus	2
39	Sternal puncture needle Adult size	2
40	Sternal puncture needle child size	2
41	Liver Biopsy needle	2
42	Box weight analytical	2
43	Stop watch reading at 1/5 second.	6
44	Ultraviolet lamp.	1
45	pH Meter electric.	1
46	Microscope, Binocular, research.	1
47	Paper Electrophoresis apparatus vertical	1
48	Paper electrophoresis apparatus, horizontal	1
49	Water still electric	1
50	2 x 2 slide Projector.	2
51	Overhead projector	1
52	Museum jars.	100 nos.
53	Drawing instruments and colours for photo artist	1 set
54	Surgical instruments.	1 set
55	Dark room lamp, developing troughs Chemicals etc. for photo artist	1 set
56	Glassware, stains, chemicals reagents etc. for Histological work.	50 each
	Clinical Laboratory:	
57	Microscope high power with oil immersion lens moveable stage and condensor for the routine microscope work.	15
58	Bottles Sp. Gravity 25 cc	2
59	Micro burettes 5 cc	2
60	PH meter, with ultra micro blood PH electrodes and Electrical Centrifuge One higher power centrifuge for serological works, one for haematological work and one other	3
61	Incubator	1
62	Haemocytometers with red and white pipettes	60
63	Haemoglobinometers, Sahili type	60
64	Sedimentation apparatus-one wester green and one wintrobale	2 sets
65	Syringes disposable one set from 10 cc to 2cc 30 of each	1000 nos.
66	Staining jars for slides.	12
67	Urinometers	9
68	Albuminometers, esbachs & Aufrech"s type	1
69	Urine Glasset (Conical)	12
70	Water baths with lids and holes thereon for holding test tubes etc.	2
71	Centrifuge tubes graduated	36
72	Crusible with china ltd.	2
73	Crusible Gooch with adapter	2
74	Graduated cylinders for various capacities ranging from 100 cc to 1000 cc.	6 of each
75	Pipettes of various sizes, graduated sets	100 each
76	Reagent bottles.	50 nos.

Sl. No.	Name of item	Qty.
77	Dropping bottles	50 nos.
78	Dropping bottles 4 ounce	50 nos.
79	Balances-(1) Sensitive balance	2
80	(2) Chemical balance with weight boxes	2
	DEPARTMENT OF MICROBIOLOGY	
1	Incubators, electrical (large)	4
2	37 degree Celsius	4
3	Autoclave	3
4	Hot air steriliser	2
5	Serum inspissators	2
6	Balance, Chemical	2
7	Lovibond comparators	1
8	Flasks flat bottom 50 cc.	6
9	Microscope oil-immersion moveable stage Abbe, condenser etc.	55
10	Refrigerators 450 ltrs	3
11	Micrometer eye pieces	2
12	Micrometer stage	2
13	Centrifuge, electrical high power	2
14	Refrigerated centrifuge	1
15	Distilled water plant	2
16	Distilled water plant all glass	1
17	Oil immersion lens for students microscope.	55
18	Dropping bottles for stains (Plastic)	500
19	Staining troughs	60
20	Anaerobic apparatus	3
21	Electrophoresis complete set	1
22	B.O.D. incubator	2
23	Laminar flow table	1
24	Ultra Violet (U.V.) Lamps	1
25	Venereal Diseases Research Laboratory (V.D.R.L.) shaker	2
26	Computer unit	1
27	Overhead Projector	1
28	Water bath (Serological) 37 degree Celsius	1
29	Water bath (Serological) 56 degree Celsius	1
30	Deep freeze (-20 degree Celsius)	1
31	Elisa Reader, dispenser and washer	1
32	Binocular microscope	2
33	Culture facilities	
34	Thermometers (Assorted)	12
35	Glassware, such as pipettes burettes, beakers, conical flasks, petri dishes of different sizes, reagent bottles etc.	200 each
36	Required Material for preparation of media	100
37	Required PH Determination apparatus	2
38	Reagent bottles with stopper 2000 cc	12
	1000 cc	36
	500 cc	24
	250 cc	24
	100 cc	60
	50 cc	60
39	Test tubers hard glass 150 mm x 18 mm	10
40	Gross 100 mm x 12 mm	20
41	Gross 75 mm x 12 mm	20
	DEPARTMENT OF PHARMACOLOGY	

Sl. No.	Name of item	Qty.
1	Starling's long extension kymographs with time markers	3
2	The ideal Respiration Pump (500 cc. CAP.)	3
3	Brodi's operation tables	3
4	Incubators	2
5	Refrigerators 450 ltrs	2
6	Assembly perfusion apparatus for mammalian heart	4
7	Standard power tables	3
8	Assembly for mammalian classes	4
9	Automatic electric recording drums	4
10	Mechanical Stromhur	2
11	Centrifuge	2
12	Colorimeters	3
13	Canulas (different types)	48
14	Cautery machine, electric Blendsone	1
15	Varnishing Tray with foot lever	2
16	Four Unit isolated organ bath palmer F.67	1
17	Analgesiometer	1
18	Smoking Burners Palmer A-291 and A-265	1
19	Tracheal Canula Metal Palmer E.76	4
20	Condons Drop Recorder – Palmer B-75	1
21	Prof.Inchleys Drop Recorder-Palmer B.78	1
22	Animal weighing:	3
	a) Machine for small animals like rats and guinea pig	
	b) Machine for big animals like dogs	3
23	Dissection instruments	50 each
24	Injection syringes (The experimental physiology laboratory can be used if available for the students)	2000 nos.
25	* Kymograph (students) Electric independent unit	100
26	* Electric Motor ¼ with split pulleys	2
27	* Shafting steel rod ¾" diameter and 18" long	8
28	* Standard Shafting and fittings	40
29	* Pulleys	30
30	Muffs coupling for joining 2 pieces of the above mentioned shafting steel rods	12
31	X-blocks	100 nos.
32	Hook grip rods	100 nos.
33	Plain stand	100
34	Apparatus for isolated rabbit intestine etc.	100
35	Jacquets graphic chronometer	2
36	Frog Boards Palmer c. 120	100
37	Jackson's Enterograph	3
38	Hair Aesthesiometer-Palmer W.290	2
39	Long Extension for paper palmer A-130	2
40	Animal Balance Tripple Beam	2
41	Manometers mercury Palmer C-200	6
42	Metronome Palmer B-5	2
43	Oncometer Kidney	2
44	Oncometer Heart	2
45	Copper Trays (10"x8"x1")	100
46	Thermometer (upto 110 degree Celsius)	100
47	Distillation apparatus	4
48	Microscopes ordinary	4
49	Working tables with racks each table 36" long	6
50	Chemical Balance-ordinary Apothecary's	2

Sl. No.	Name of item	Qty.
51	Chemical Balance-Sensitive	2
52	Plethysmograph assorted	4
53	Pneumograph Palmer E	1
54	Piston Recorder Palmer C.51	1
55	Tambours mareys Palmer C.5 & C.11	4
56	Tetanus Set Palmer H2O	1
57	Stop Watches Jacquets	12
58	'B' Type Oxygen Cylinders with Trolleys	4
59	Carbon-di-oxide cylinder	2
60	Operating lamps-Phillips	4
61	Animal trolley with 12 cages	4
	Miscellaneous:	
62	Electrodes, Ordinary and non polarisable, insulated wires, time markers, electric signals, Mercury manometer, perfusion apparatus, myograph lever, small pulley"s upright stands and chemicals etc.	50 each
63	(c) Pharmacy Laboratory:	
64	Dispensing Balance with metric system weights	30
65	Pill Tiles	30
66	Suppository moulds	30
67	Crucibles with tongs	10
68	Pestle and Mortar	30
69	Iron Spatula	30
70	Iron Spatula	30
71	Measure glass all sizes	30
72	Water bath, metal	10
73	Chemicals, drugs, glass rods, funnels and filter	200 each
74	(d) SPECIAL CHEMICALS AND PHARMACOLOGICAL EQUIPMENT	
75	Stimulator Electronic Arthus Thomas	1
76	Balance Semi micro Analytical Pan Mottler	1
77	Electrocardiograph	1
78	Spectrophotometer Model Du-Backman (UV Visible range)	1
79	Skin and Rectal Thermometer Barun	1
80	Antihistamine Chamber with manometer	1
81	Flame photometer	1
82	top clock	12
83	Water bath 4 hole electrically heated	12
84	Bell jars Assorted	36
85	Petri dishes assorted	36
86	Museum drugs specimen jars (Standard size)	30
87	All glass distillation apparatus cap.2 litres	2
88	Centrifuge Electric internation R.P.M. 3000	2
89	Microscope students type with mechanical stage and oil immersion	4
90	Microscope lamps	4
91	Magnetic stirrer B.T.L.	1
92	Autoclave electric	1
93	Waring Blender M.S.E.	1
94	Hot air oven size 14"x14"x14"	1
95	Incubator Electric Size 14"x14"x14"	1
96	Vacuum & Pressure Pump Cenco	2
97	Instruments Sterilliser Electric size 12" x 8"x6"	
98	B.P. Apparatus	8

Sl. No.	Name of item	Qty.
99	Distilled water still Manesty Electrical Cap. 2 gallon per hour	2
100	Stethoscope – Adult	8
101	Multimeter	1
102	Temperature controlled water bath 37 0 C	1
103	Razor Hone	2
104	Electric Hot Plate	2
105	Deionizer-two of capacity 20 litres per hour and 6 litres per hour (mixed bed type) connected in series	2
106	Physiographs with Transducers and other relevant accessories (may substitute kymographs)	40
107	Vortex mixer	2
108	Actophotometer	1
109	Rotarod Assembly	1
110	Electro-Convulsiometer	1
111	Cook's Pole Climbing Apparatus	1
112	Metabolic Caggies (Dieuretic Study)	3-4
113	Digital pH meter	1
114	Tablet Disintegration Machine Glass tubing (length of 6 ft.)	1
115	Glass rods-assorted sizes of 6 ft.	100
116	Glass mortar & pestles	24
117	capacity of 500 and 200 cc	24
118	Cork borer set of 12	1 set
119	Holder for platinum wireloop	110
120	Lancet spring (disposable)	110
121	Lamp for microscope	20 nos.
122	Magnifying glass with metal handle	60
123	Metal mincing machine	1
124	Postmortem instruments sets complete	2 set
125	Suction pumps	1
126	Filtering apparatus sietz filter and Millipore filter	1each
127	Dessicators	2
128	Vacuum Desicators	1
129	Apron plastic for postmortem	2
130	Apron rubber for postmortemt	2
131	* Lyophilizer	1
132	*Thermal Cyler	1
133	*U.V. Transilluminator with photography	1
134	* Colony counter	1
135	* Cold room + 4 degree Celsius	1
136	* BACTEC system	1
137	* Phase contrast Microscope	1
138	*Vortex mixer	1
139	* Electronic Balance	1
140	* Microfuge	1
141	* Ultra centrifuge	1
142	* Flourescent Microscope	1
	DEPARTMENT OF FORENSIC MEDICINE	
1	Weighing machine, dial type human	2
2	Equipment for reporting height	2
3	Balance chemical	1
4	Balance	1
	i) single pair for weighing foetus	
	ii) Weighing machine for Weighing dead bodies	1
	iii) Weighing machine for organs	1

Sl. No.	Name of item	Qty.
5	Folding metal scale to measure upto 7 ft.	1
6	Steel tape roll	2
7	Warnier calipers	1
8	Autopsy table	2
9	Styker autopsy saw, with accessories	3
10	Hacksaw	4
11	Dissection sets, consisting of cartilage knife bone cutting forceps scissors, straight and curved Enterotome Scaples, knives with spare blades, probe metal scale graduated in cms. Etc.	4
12	Rib. Shears, right and left	4
13	Viscerotome with attachment for illumination (Battery operated)	1
14	SLR camera with accessories	1
15	Microscope student type	25
16	Microscope Binocular, research	3
17	Stopwatch	2
18	X'ray view box one in four	4
19	View Box Two in one	3
20	B.P. Apparatus - Adult	4
21	Anthropometric set	1
22	Automatic tissue processing machine	1
23	Microtome with knife	1
24	Hot plates	1
25	L.Modes	16
26	Leather Strops	2
27	Parafin Bath Embedding	1
28	Slide Warming Table	1
29	Stone Carbarandon	2
30	Water bath (Tissue Flowing)	1
31	Distillation plant	1
32	Brain knife	8
33	Black Holder	50
34	Digital Spectrometer	1
35	Digital PH meter	1
36	Electric Auto slide projector	1
37	Glass cutting Pencil	1
38	Hand Set heat Sealer	1
39	Spectroscope Lens with adjustable slit	2
40	Refrigerator 450 ltrs	1
41	Cold Storage for keeping dead bodies 6 chamber	1
42	Deep freezer for keeping tissues 40°C	2 nos.
43	Video Camera, Television and Video Cassette Recorder	1 each
44	Instrument Cabinet	1
45	Instrument set	2
46	Trolley	2
47	Filing cabinet with folders	10
48	Filing cabinet for Almirah	3
DEPARTMENT OF COMMUNITY MEDICINE		
1	Comparator, Nessler	1
2	Barometer, Fotin	1
3	Extraction Apoparatus, fat, complete	1
4	Filter, Pasteur chamberland, complete set	1
5	Filter, berke fed	1

Sl. No.	Name of item	Qty.
6	Hydrometres, Spirit	3
7	Hydrometres, milk	3
8	Hydrometers, wet and dry BULB	1
9	Incubator, electric	1
10	Museum jars	100 nos.
11	Required Models, charts, diagrams etc.	20 each
12	Required Balance Analytical (200 gm)	3
13	Balance for weighing food stuff (capacity 2 Kg.)	1
14	Centrifuge clinical	1
15	Weighing machine adult (Digital)	4
16	Salters Baby weighing machine (Digital)	4
17	Harpenders Callipers (for skinfold thickness)	2
18	Height measuring stand	1
19	Aqua guard	1
20	Refrigerator 9 cu.ft.	1
21	Ice Lined Refrigerator (I.L.R.)	1
22	Dissecting microscope	30
23	Microscope oil immersion	2
24	T.F., V.C.R.	1 each
25	Still for distilled water	1
26	Autoclave	1
27	Sterilizers, electric	2
28	Computer	1
29	Over Head Projector	2
	Requirement for Hospital	
1	Mattresses for Hospital Beds	80
2	IV Drip/Saline Stand	150
3	Over bed Trolley	50
4	Bedside Hospital Locker	50
5	Instrument cabinet	20
6	Instrument Trolley	20
7	Mayo Trolley	20
8	Medicine Trolley	20
9	Oxygen Cylinder Trolley	20
10	Round Stool	40
11	Single footstep	20
12	Double footstep	20
13	3 fold partition screen	20
14	Soiled Linen trolley	30
15	Railings for Hospital Bed	20
	Blood Bank	
1	Temperature Recorder	15
2	Refrigerated Centrifuge (Thermo Fisher)	3
3	Hematocrit Centrifuge	3
4	General Lab. Centrifuge	3
5	Automated Blood Typing	2
6	Haemoglobinometer	20
7	Refractometer or Urinometer	20
8	Blood Container and Weighing device	5
9	Water Bath	3
10	Rh View Box	10
11	Digital weighing scale	5
12	Donor Couch	4
13	Elisa Reader	1

Sl. No.	Name of item	Qty.
14	Elisa Plate Washer	1
15	Table for Centrifuge	6
16	Platelet Agitator	2
17	Laminar Air Flow	1
18	Deep Freezer -20°C	2
19	Deep Freezer -40°C	1
20	Deep Freezer -80°C	1
21	Blood Bag Tubing sealer	3
22	Blood Bag Tubing sealer Portable	1
23	Blood Bag Tubing Stripper	1
24	Needle Destroyer	2
25	Tube to Tube Connector	1
26	Blood Bag Transportation Carrier	3
27	B.P Instruments – Digital	5
28	Refrigerator 450 ltrs	3
29	Blood Bank Refrigerator for 300 Nos. of 450ml Blood Bags Complete with Recorder	4
30	Cell Washer (Automated)	1
	Radiology	
1	Digital X-Ray for 600 mA X-Ray Machine	
2	X-Ray Unit 600 mA	1
3	X-Ray Unit 60 mA (Portable)	1
4	X-Ray Unit 100 mA (Portable)	1
5	Ultrasound Machine (Color)	1
6	Personal Protective Equipment (Lead, Coats, Lead Glove, etc.)	
	20 Bedded ICU	
1	ICU Bed	20
2	Patient monitor	20
3	Ventilator	20
4	Transport Ventilator	3
5	Syringe pump	50
6	Oxygen Generating Plant with oxygen pipeline	1
7	Suction Plant	1
8	Jumbo Oxygen Cylinder	50
9	Cardio Tray	20
10	Defibrillator	1
11	Haemodialysis machine with RO Plant	2
12	Ultrasound machine	1
13	100mA X-Ray Machine (Portable)	2
14	ABG Analyzer	1
15	Computer set	2
	Operation Theatre (3 nos.)	
1	Anaesthesia workstation	3
2	O.T Table	3
3	O.T Light	3
4	Suction Machine	3
5	Diathermy Machine	3
6	UPS for 3 OTs	1
7	Ventilator	3
8	Crash Cart	3
	CSSD	
1	Autoclave : Horizontal Sterilizer 4'x3'x2'	4
2	Stainless Steel Drums	1
3	Steel Rack	5

Sl. No.	Name of item	Qty.
	Casualty	
1	Ventilator	2
2	Multipara Monitor	2
3	Suction machine foot cum electric	5
4	Defibrillator	2
5	Infusion pump	2
6	Oxygen Concentrator	2
7	Nebulizer	4
8	Dressing trolley	5
9	Laryngoscope	3
10	Crash Cart	3
	Requirements for Administrative Office	
1	Heavy Duty Photocopy machine	2
2	LCD Projector with Screens (for classrooms)	5
	Requirement for Medicine Department	
1	Monitor	3
2	Suction Machine	4
3	Oxygen Concentrator	4
4	Nebulizer	4
	Requirements of ENT Department	
1	Bullseye Lamp with Head mirrors	3
2	Ear specula	5
3	Nasal specula	5
4	Tongue depressors	5
5	Nasal packing forceps	5
6	Probe with ring currette	10
7	Laryngeal mirrors	10
8	Post- rhinoscopy mirrors	10
9	Trocar with canula	5
10	Aschs septal/walshams forceps	5
11	Crocodile forceps	5
12	Long artery forceps straight/curved	10
13	Tonsillectomy set	3
14	Punch biopsy forceps	3
15	Quincy forceps	3
16	Diathermy	1
	Requirements for Department of Paediatrics	
1	Endotracheal tube 0.1 to 0.3	1
2	Ambu bag (New born to child)	4
3	Infusion pump	5
4	Nebulizer	5
5	50mA X-ray machine (Portable)	1
6	Phototherapy Portable	1
	Requirements for Department of Ophthalmology	
1	A-Scan Biometer	2
2	Autoref-Keratometer	2
3	Slit Lamp	2
4	Operating Microscope	2
5	TRAIL Set	3
6	Vision Drum	3
7	Cataract Set	3
8	Operation Table Motorized	2
9	Surgeon's Chair Motorized	2
10	High Speed Autoclave	2

Sl. No.	Name of item	Qty.
11	Wet field Bipolar cautery	3
12	Sonomed B-Scan Biometry	1
13	Direct ophthalmoscope	3
14	Indirect ophthalmoscope	2
15	Dacyocystectomy set	2
16	Punctum dilator (diff. sizes)	2
17	Eneucleation sets	3
18	Muscle hooks	5
	Requirements for Kitchen	
1	Piped gas line & cylinders	1
2	Food trolleys	10
3	Refrigerator 450 ltrs	2
4	Table top counters	1
5	Weighing machine - Digital	2
6	Vessels, Plates & other accessories	1
	DRESSING MATERIALS (For Rate Contract)	
1	Cotton Wool absorbent 500g (per roll)	
2	Gauze cloth 18m x 90cm (per than)	
3	Adhesive Plaster 2.5 cm (per spool)	
4	Adhesive Plaster 5 cm (per spool)	
5	Adhesive Plaster 7.5 cm (per spool)	
7	Adhesive Plaster 10 cm (per spool)	
8	Bandage Rolled 5 cm (per pkt)	
9	Bandage Rolled 7.5 cm (per pkt)	
10	Bandage Rolled 10 cm (per pkt)	
11	Bandage Rolled 15 cm (per pkt)	
12	Plaster of Paris 5 cm (per roll)	
13	Plaster of Paris 7.5 cm (per roll)	
14	Plaster of Paris 10 cm (per roll)	
15	Plaster of Paris 15 cm (per roll)	
16	Crepe bandage 10 cm (per roll)	
	Crepe bandage 15 cm (per roll)	
17	Disposable Syringe with needle 2 ml (per no)	
	5 ml (per no)	
	10 ml (per no)	
	20 ml (per no)	
18	Gloves Powder (per Kg)	
19	POP Powder (per Kg)	
20	Rubber Gloves I.S.I. (Sterile) 6" (per pair)	
	6½" (per pair)	
	7" (per pair)	
	7½" (per pair)	
21	Rubber Gloves I.S.I. Non-Sterile (Examination Gloves) Small (per pair)	
	Medium (per pair)	
	Large (per pair)	
	NURSING & DISPENSING APPLIANCES (For Rate Contract)	
1	Urinal male SS Seamless.	
2	Urinal female SS Seamless	
3	Kidney tray S.S. Size: 20 cm. x 8"	
	25 cm x 10"	
	30 cm x 12"	
4	Instrument tray S.S. with cover size a) 30 cm. x 25 cm.(12"x 10")	

Sl. No.	Name of item	Qty.
	b) 27.5 cm. x 22.5 cm.(11" x 7")	
	c) 25 cm. x 20 cm.(10 x 8")	
5	Catheter tray with cover S.S. Size a) 40.5 cm x 8.5 cm x 7.5 cm(16" x 4" x 3") b) 20 x 7.5 x 5 cm.(8" x 3" x 2")	
6	Basin S.S. Size: 30 cm. 34 cm. 40 cm. 45 cm..	
7	Bowl S.S. Size: 10 cm. 15 cm. 20 cm. 25 cm.	
8	Spittoon with hinged cover S.S.	
9	Bucket S.S. with cover - 27 cm. 30 cm.	
10	Food tray with compartment.	
11	Douche can complete set S.S.	
12	Dustbin plastic as per BMW rules 1) PVC Container 2) Dust Bin (80 ltr) 3) Dust Bin (20 ltr) with foot paddle 4) Dust Bin (10 ltr) with foot paddle	
13	Bed Pan Slipper shape (stainless steel) Male with Lid	
14	Bed Pan Slipper shape (stainless steel) Female with Lid	
15	Ambu Bag	
16	Kelly's Douche Pad.	
17	Hot water bag	
18	Plastic sheeting 135 cm. wide per meter	
19	Air cushion/Air ring with valve size : 35 cm 40 cm. 45 cm.	
20	Mucus sucker	
21	Ice bag with cap.	
22	Corrugated rubber sheet 15 x 30 cm.	
23	Rubber Catheter No. 6 No. 8 No. 10 No. 12 No. 14 No. 16 No. 18	
24	Ryles Tube : Size : 14 Size : 16 Size : 18	
25	Suction Catheter : No. 6 No. 8 No. 10 No. 12	
26	Nasal Oxygen Catheter Size : 8 / 10 / 12 / 14	
27	Folley's Catheter : No. 14 No. 16	

Sl. No.	Name of item	Qty.
	No. 18	
	No. 20	
	No. 22	
28	Infant Feeding Tube.	
29	Nelson Inhaler with cork and glass.	
30	Scalp Vein Set No.22	
31	Scalp Vein Set No.23	
32	Scalp Vein Set No.24	
33	I.V. canulla with injection port, sterilized by ETO, ready for use. Size: 18G, 20G, 22G,	
34	I.V. Canulla without injection port, sterilized by ETO, ready for use. Size : 24G	
35	Nail Brush Boilable.	
36	Clinical Thermometer	
37	Baby Weighing Machine. 10 kg x 50 gm (Non-Electronic)	
38	Personal Weighing Machine : 130 kg x 0.5 kg	
39	Personal Weighing Machine with height measurement.	
40	Blood Pressure Apparatus ISI Mercurial 300 mm.	
41	Blood Pressure Apparatus Mobile Model ISI	
42	Glass Tube Graduated for BP Apparatus.	
43	Stethoscope Diaphragm + bell	
44	Bulb for Blood Pressure with control valve.	
45	First Aid Box large size complete set	
46	IV Set	
47	Aerosol Disinfector/Fogging machine	
48	Urine Bag.	
49	Oxygen Mask - Adult	
50	Oxygen Mask - Children	
51	Paraffin wax Gauze	