



No. MMDSL/PROC-Eqpts/2023/(49)

Dated: 11/02/2024

**NOTICE INVITING TENDER**

**FOR SUPPLY & INSTALLATION OF VARIOUS EQUIPMENT**

Sealed Tenders on Turnkey in a Two Bid System affix a court fee stamp of Rs. 25/- is invited by the Managing Director, Meghalayan Medical Drugs & Services Limited, from the registered and authorised Distributor "for Supply & Installation of Various Equipment." The tender process in a two-bid system involves the submission of two separate bids: a technical bid and a financial bid. The technical bid is evaluated first, and only those bidders who meet the technical specifications will qualify for their financial bid-opening.

This system ensures that the bidders who are awarded the contract have the necessary technical expertise and capabilities to complete the project successfully. The technical bid typically includes details such as product specifications, quality control measures, timelines for delivery etc. The financial bid, on the other hand, includes the cost of the medical items, including any taxes and duties. The two-bid system is widely used in government procurement processes, as it ensures transparency and fairness in the selection of vendors. Overall, the two-bid system is an effective way to ensure that the best vendors are selected for a project, based on both technical and financial criteria.

Technical & Financial Evaluation of the Tender Documents would be evaluated by a Tender Committee duly constituted by the Managing Director, MMDSL, Meghalaya.

Sl.no.	Name of Items	"Tender for Supply & Installation of Various Equipment"
1	Cost of Tender Documents	Rs.5000/- in demand draft in favor of Managing Director, Meghalayan Medical Drugs & Services Limited, payable at Shillong.
2	Earnest Money Deposit	Rs. 3,00,000/-
3	Tender Documents	Can be obtained from the O/O Managing Director, Meghalayan Medical Drugs & Services Limited, Health Complex Laitumkrah, Shillong or downloaded from <a href="https://mmdsl.in/tender?id=tender">https://mmdsl.in/tender?id=tender</a>
4	Date for downloading/obtaining the Tender Documents	13th/Feb/2024
5	Last date and time for submission of Tender Document	04th /Mar/2024 at 11:30am
6	Tender opening date and time	04th /Mar/2024 at 1:00pm

Approved By Shri Ramkumar S(Managing Director) on 11/02/2024 07:58 PM  
(The document is digitally approved and does not require any Seal or Signature in original)



# MEGHALAYAN MEDICAL DRUGS & SERVICES LIMITED



Government of Meghalaya

Department of Health & Family Welfare,  
DHS Complex, New Colony, Laitumkrah,  
Shillong - 793003,  
East Khasi Hills,  
Meghalaya.

+91-9863033404 / 9863048955  
meghmDSL@gmail.com

Copy of Tender documents may please be obtained from the Office of Managing Director, Meghalayan Medical Drugs & Services Limited, Health Complex Laitumkrah, Shilong or download from <https://mmdsl.in/tender?id=tender> and the EMD mentioned above may please be deposited in the form of 'demand draft' / 'pay order' / Receipt in favor of Managing Director, Meghalayan Medical Drugs & Services Limited, payable at Shillong. Please write the name of company/firm on the reverse side of the 'Demand Draft' / 'Pay order' / Receipt. Please note that the downloaded tender documents are subject to verification with the original documents as given in the Website.

Managing Director MMDSL reserves the right to reject any or all the tenders without assigning any reason.

Note: Any changes or any further notification in respect to the above Tender documents shall be made available only at the above mentioned website. Hence respective bidders are advised to visit the website regularly for the above purpose.

**Shri Ramkumar S**  
Managing Director

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Government of Meghalaya

Department of Health & Family Welfare,  
DHS Complex, Laitumkhrah, New Colony,  
Shillong - 793003,  
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Meghalaya - 793003  
+91-9863033404 / 9863048955  
meghmdsl@gmail.com

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## Tender Guidelines

### 1. Definitions

- P.O – Purchase Order  
Contract – Terms informed in the PO  
EMD - Earnest Money Deposit  
DD – Demand Draft  
PBG – Performance Bank Guarantee  
BC – Banker's Cheque  
Purchaser – Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya  
Tenderer – Bidders who have submitted Valid Tender Documents  
Supplier = Successful Bidder (s), to whom, the tender quantity is distributed to  
Sample – One sample manufactured /Supplied by the bidder/Catalogue as applicable  
Bidder – MANUFACTURER or Authorized Trading partner such as dealers/distributors/suppliers

The Prices quoted and quantities offered for supply in the tender shall remain open for acceptance – 200 days from the date of bid opening.

### 2. PRICE SCHEDULE:

- a. Price shall be quoted as mentioned in Annexure-III. Price will remain firm and fixed for all supply orders placed during the period of Rate contract i.e. of minimum 3years

### 3. TERMS OF DELIVERY:

- a. Delivery for all orders shall be required to be made to the **Civil Hospital Shillong, EKH, District and Civil Hospital, Nongpoh, Ribhoi District, WKH District** or any other locations within the state capital as instructed by the authority from time to time and shall be inclusive in the rate quoted for by the bidder. If any delivery asked to be made outside the state capital may be charged additional, to the specified rate keeping in mind the location and situation of delivery.
- b. The Tenderer shall be responsible to arrange safe delivery of goods, by rail/road at the delivery address given above. The rates quoted by the tenderer should include all costs for free delivery to consignee's site.

### 4. ELIGIBILITY CRITERIA:

- a. Annexure I, II, III, IV, V, VI & VII should be duly filled and complete in all respects.
- b. Submission of EMD amount as per page no.1 and sl.no.2 in the form of Demand Draft /BG/FDR in favor " Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya, Shillong. EMD should be valid for a minimum period of 200 days as per Annexure –V from date of Tender opening.
- c. In case of dealer the bidder should submit Dealership certificate from the Company and failing to meet the requirement shall be rejected.
- d. Valid Authorization letters (Tender specific) mentioning the above Tender no. from the OEMs for Supply & Participation in Tender.
- e. Should comply to High Quality Standards/ISO certificate
- f. In addition to the above, the bidder should furnish the following:-
- A Valid company/Firm registration certificate
  - A valid Trade License Certificate from KHADC/JHADC/GHADC for Non Tribal firm
  - A Valid GST Registration certificate
  - PAN/TIN Card of the firm or of the person in whose name the Proprietorship, Firm etc is registered under.
- g. Affidavit to be submitted on Non – Judicial Stamp paper attested by Public Notary that there is no vigil' lance / CBI case or arbitration cases pending
- h. The tenders received after the due date and time specified or unsealed or incomplete, or by facsimile or email will be summarily rejected.
- i. The purchaser will notify the successful bidder in writing that its Bid has been accepted and issue purchase order (PO) to the successful post signing of contract.



- j. Within 7 days of receipt of such intimation, the successful bidder shall give its acceptance to the Managing Director, Meghalayan Medical Drugs & Services Limited, Govt of Meghalaya.
- k. The Managing Director, Meghalayan Medical Drugs & Services Limited), Govt of Meghalaya reserves the right to reject/cancel any or all other including the lowest bidder without assigning any reason thereof.
- l. On received of Purchase Order the selected bidder will have to be delivered within a delivery period specified in the purchase order.
- m. Turnover of last three years minimum 1crore

**5. Submission of the Bid:**

- i) The Bid should be in sealed cover super- scribed "**Tender for Supply & Installation of Various Equipment**" and clearly mention the tender reference number and date. The super scribed sealed cover shall consist of three sealed cover inside (i) "**Technical Bid**" (ii) "**Financial Bid** ",
  - ii) **Super scribed Sealed Cover A – Technical bid:**
    - a) Tender document duly filled and signed by the authorized person in all pages
    - b) Tender fee if Tender document is obtained from the office of the undersigned
    - c) Annexure I, II, III(Non price bid), IV, V, VI & VII should be duly filled and complete in all respects, bidder will be disqualified if the same is not furnish.
    - d) Submission of EMD amount
    - e) In case of dealer the bidder should submit dealership certificate from the company and failing to meet the requirement shall be rejected.
    - f) Valid Authorization letter (Tender specific) mentioning the above Tender no. from the Manufacturer for supply & participation in Tender.
    - g) A Valid company/Firm Registration certificate
    - h) Quality standard certificates CDSCO/USFDA/CE
    - i) A valid Trade License Certificate from KHADC/JHADC/GHADC for Non Tribal firm
    - j) A Valid GST Registration certificate
    - k) PAN/TIN Card of the firm or the person in whose name the Proprietorship, Firm etc is registered under.
    - l) Affidavit on Non Judicial stamp paper attested by Public Notary that there is no vigilance / CBI case or arbitration cases pending
    - m) Turnover of last three years minimum 1crore
  - iv). **Super Scribed Sealed Cover B for – Financial Bid/Price Bid**  
Annexure Wise Price Bid as per format Annexure – III

**Instructions:**

- ✓ Please mention clearly on each sealed cover the annexure, meant for.
- ✓ The main cover should be addressed to the **O/O Managing Director, Meghalayan Medical Drugs & Services Limited, Red Hill, Upper New Colony Health Complex, Laitumkrah, Shillong – 3, Meghalaya**
- ✓ The Bid should be dropped in the box provided for this purpose in the office of **Managing Director, Meghalayan Medical Drugs & Services Limited, Red Hill, Upper New Colony Health Complex, Laitumkrah, Shillong.**
- ✓ All documents submitted should be properly page numbered, signed and should have appropriate and relevant contents.
- ✓ Index sheet of each document should be submitted for ease & fast documentations verifications.
- ✓ Bid documents that do not provide complete information and /or that are submitted after the above specified date or time shall be rejected.
- ✓ Bidder should quote their prices in the schedule format supplied in this tender (Annexure III) form giving the breakup of prices. Tenders received in any other form will not be entertained.



- ✓ Bidder should sign the certificate provided in the tender form Annexure – IV “That they have read and understood, all the Terms and Conditions stipulated for in the Tender, and are willing to abide by these tender terms and conditions “ , before submitting the tender documents. Tenders submitted without the Signed declaration certificate will be considered incomplete and will not be considered.

**6. Bids will be open in two stages.**

- (I) Envelope A : Technical bid Bid  
(II) Envelope B : Financial/Price Bid As per Annexure – III

7. If the envelopes are not sealed and marked as required above, the bid will be subjected to rejection at the tender opening stage itself.

8. The bid shall be opened in two stages. At the time of opening only first cover (Envelope A) containing the Technical bid shall be opened at the first stage and the second cover (Envelope B) containing financial bid bid shall be opened after qualifying the Technical bid. The date, time and venue for third stage opening will be intimated separately by the Tender Inviting Authority (TIA) only to selected/qualified bidders.

**9. Validity of the Tender:**

The validity of the tender shall remain valid for 200 days from the date of opening the tender.

**10. Venue of Tender Opening:**

The “**Tender for Supply & Installation of Various Equipment**” will be opened in the presence of the bidders or their authorized representatives and Tender Committee Members at the venue mentioned hereunder.

Venue of Tender Opening:

**Office of Managing Director, Meghalayan Medical Drugs & Services Limited, Red Hill, Upper New Colony Health Complex, Laitumkrah, Shillong,**

**11. EMD Amount:**

Tenderer needs to deposit the EMD Amount in the Form of DD/FDR/Bank Guarantee in favor of “Managing Director, Meghalayan Medical Drugs & Services Limited”, payable at Shillong, Meghalaya and a copy of EMD in sealed envelope should be submitted along with pre-qualification documents in the Pre- Qualification Envelope.

- (i) The EMD shall be returned back to unsuccessful bidders within a period of eight (8) weeks from the date of execution of the agreement subject to the receipt of a written application addressed to the Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya. The return of EMD shall not carry any Interest Component.
- (ii) The E.M.D. / Security Deposit shall liable to be forfeited in the following circumstances when the,
- Tender is rejected due to failure to furnish the requisite documents in the proper format or giving any misleading statement or submission of false affidavit or fabricated docs.
  - Party fails to sign the agreement for entering into contract in case the offer is accepted, due to any reason whatsoever.
  - Party fails to supply the goods / items as per the orders / Rate Contract (R.C) placed by Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya within the delivery period so stipulated.
  - Party fails to replace/correct the supplied material /pre-printed stationeries declared to be wrong /different from specification and R.C. holder / successful bidder have to refund the cost of such goods



**12. Performance Security Bond (PSB):**

- (a) The successful Bidder will liable to deposit 10% of value of the Contract/Purchase Order as Performance Security Deposit in favor of “ Managing Director, Meghalayan Medical Drugs & Services Limited, Shillong Meghalaya” by way of “Performance Bank Guarantee in the format given at “Annexure-VI” from nationalized/Commercial Bank refundable after expiry of the contract/or after the completion number of CMC period + 3 months in case of supply of Equipment whichever is higher, subject to successful fulfilment of terms and conditions.

Security Deposit/EMD is liable to be forfeited if the bidder withdraws or impairs the bid in any respect. Security deposit is for due performance of the agreement. Non submission of Performance security within the specified time shall also lead to forfeiture of the EMD/PSB.

- (b) Performance security deposit is retained as a security deposit until the period of work / contract may be found satisfactorily and completed. The Performance security deposit may be refunded on receipt of a written application addressed to the Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya. Refund of Performance security deposit shall not carry any Interest Component.

**13. Price:**

- ✓ The price offered in the tender should be as per the structure requested in the Tender document Annexure-III
- ✓ All Quotes shall be in Indian Rupees and duly attested in case of any corrections.
- ✓ All freight costs & Transit insurance are to be borne by the bidder.
- ✓ In case of imports, all duties and any other costs ( foreseen or unforeseen) have to be borne by the bidder and to be clearly indicated in the quote
- ✓ If more than one bidder has quoted the same price in their bids, and if it has become the Lowest Bid (L1), the decision of the Tender Committee is final to equally distribute the schedule quantity among the L1 bidders.

**14. Technical evaluation:**

- ✓ Technical evaluation of the items tendered will be done by a Technical Committee constituted by the Managing Director, Meghalayan Medical Drugs & Services Limited Meghalaya
- ✓ Specifications for each of the items will be as detailed in the respective Annexure
- ✓ Tenders submitted with technical specifications and commercial bid will alone be considered for evaluation.
- ✓ The commercial bids of suppliers who are successful in Technical Evaluation only would be considered.
- ✓ In case, if Technical Committee is not convinced with any of the bidder’s samples with respect to Quality parameters, then it is the Committee’s decision to scrap the Tender.
- ✓ The decision of the Committee formed by Purchaser would be final.

**15. Quality Standards:**

- a) The Suppliers/Manufacturers are to meet the approved Quality Standards or any other reputed standard by the Country of Origin. The evaluation would be done by the technical committee at the time of technical evaluation
- b) During period of the contract, suppliers shall confirm to the approved quality standards wherever applicable and would be given priority over others.
- c) Suppliers should supply equipments/goods which comply with the approved quality standard failing which payment of the same will not be made.

**16. Sample Evaluations:**

- a) Samples whenever required, for valuation shall be provided by the supplier at free of Cost.

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- b) The products should fulfil technical specifications as per the approved quality standard or any other reputed standard by the Country of Origin
- c) In case bidder quoted more than one item for a particular item, during Technical round the Tender committee will select one item only according to quality satisfaction & the price bid of the selected item only shall be taken into account.
- d) The Tender committee has the right to reject any sample in case the sample quality is found unsatisfactory and bidder has no right for any objection.

**17. Quantity Division:**

Each Delivery Schedule of Requirement incorporate in the tender enquiry document will be ordered from the Lowest Responsive Bidder (L1). However, it is the purchaser's decision to assess the capacity of the L1 bidder to support the requirement. If L1 refuses to supply and in case of L1 bidders capacity is less than the quantity required, the purchaser has the right to award the contract and issue the order to the next lowest bidder.

**18. Authority for signing Tender Documents:**

- ✓ A person signing the Tender Form or any document, forming part of the contract on behalf of the supplier, shall carry the authorization letter stating his/her authority to sign such documents from the respective organization
- ✓ Any Agent who is participating on behalf of a manufacturer shall have the Valid authorization letter from the manufacturer to sell the goods in the area where the tender is meant for, without which the bid will not be considered as valid

**19. Responsibility for Performance of Contract:**

The Supplier shall be entirely responsible for the performance of the contract in all respects in accordance with the terms and conditions as specified in the Contract. The Supplier shall not sublet, subcontract, transfer or assign the contract.

**20. Quality Inspection:**

- a) For every unit supplied by the supplier, the conformance to the Specifications mentioned in the Tender shall be established by the supplier.
- b) Supplier represents and warrants that it shall fully comply with all written quality assurance requirements or instructions of the Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya, and as amended from time to time at the sole discretion of the Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya. Supplier further represents and warrants that the Product supplied by the Supplier in strict compliance with all applicable central, state and local laws.
- c) The supplier shall maintain the highest standard of quality in the Product. Supplier shall follow and abide by all directions, requests, suggestions or instructions of Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya regarding the quality standards required by Managing Director, MMDSL in connection with the manner of Packaging, storage and delivery of the Product.
- d) The supplier shall facilitate in-process and / or Pre-delivery inspection by the Representatives of the Purchaser, as and when, the same is required by the Purchaser
- e) Notification by Supplier – In case of inspection at the Supplier's premises, notice in writing shall be sent by the Supplier, sufficiently in advance, to the Purchaser when the items to be supplied, are ready for inspection.
- f) Rejections – At delivery, Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya in its sole discretion may reject any Product produced or manufactured by Supplier for any reason, including Non-compliance with standard quality or any other reputed standard, but not limited to defects, or failure to meet approved quality standards, etc.
- g) Removal of Rejections - Any supplies inspected and rejected at the Purchaser's premises must be removed by the Supplier, within 7 days from date of receipt of intimation of rejection of supplies in case of indigenous suppliers & 28 days in case of foreign suppliers. If the rejected goods have already been paid for (partly or fully), the supplier shall before removal of rejected goods, either deliver correct replacement goods at Purchaser's premises completely free of cost (including cost



of goods , freight, taxes, duties etc) or refund the payment received as well as make full compensation for freight taxes , duties etc. Such rejected items shall lie at supplier's risk from the time of such rejections and if not removed within the above time limit, the Purchaser shall have the right to dispose-off the said rejected materials as he may deem fit without any financial obligation to the supplier.

- h) If found that the Successful Bidder is incompetent to provide the supply as requested, in such a situation, the proposal may be reviewed for award of the contract to the next qualifying bidder or go for a fresh bid depending on the circumstance. No form of compensation shall be payable in any form whatsoever to the forfeited firm. In case it is decided to go for the next qualifying bidder, negotiation maybe considered to bring down their price nearer to the originally Evaluated or Lowest bidder in consideration to the equipment's to be supplied.

## 21. Supplier Responsibility:

- a) Under any circumstances, No supplier shall supply the goods, in which recycled materials are used / used- disposables to Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya. If Managing Director, MMDSL finds any such instance, it will lead to cancellation of Purchase Order and subsequent severe punitive (legal and financial) actions by Managing Director, MMDSL. However, all the consequential costs are to be borne by the Supplier to Managing Director, MMDSL.
- b) The supplier is responsible for the delivery of the goods in satisfactory condition and without any loss or damage at the final destination and until the same is actually received by the Purchaser at its works or other place of final destination. For this purpose, goods carried by the roadway or other carrier shall be deemed to be carried at the risk of the supplier. If on inspection at final destination the Purchaser discovers any discrepancy, the Purchaser will be entitled (not-withstanding that the property of goods shall have passed on to the company) to refuse acceptance of the goods altogether and claim damages and/or cancel the contract and buy its requirement in the open market at the risk and cost of the supplier, reserving always to itself, the right of forfeiture of any amount found due and payable or the deposit, if any, placed by the supplier for the due fulfilment of the contract as also to recover any amount, if already paid.

## 22. Responsibility for proper packing, wherever required:

- a) The Supplier shall be responsible for the items being sufficient and properly packed, for transport by rail/road/sea/air/ or any combination of the above, so as to ensure their being free from loss or damage on arrival at the destination.
- b) In case if a bidder has got successful for more than one item, the supply shall be packed in lot, as per the instructions of Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya.
- c) Marking of Packages, Packing: Each package delivered under the contract shall bear the following:-
- Name of the Supplier
  - PO Number
  - Consignee's name and address
  - Description and quantity of contents
  - Gross weight, Net weight,
  - Distinctive number or mark which is also to be shown, for the purpose of Identification, on the Supplier's packing list.
  - Govt. Supply, Managing Director, Meghalayan Medical Drugs & Services Limited, Govt. Of Meghalaya

## 23. Delivery:

- a) Timely delivery is the essence of the contract & must be completed as per the dates specified therein.
- b) The Supplier shall deliver the items in strict accordance with the delivery terms indicated on the Purchase Order issued to the successful bidder.



- c) Notification of delivery or dispatch in regard to each and every consignment shall be made by the Supplier to the authorities named in the Contract.

**24. Failure and Termination:**

Should the Supplier fail to deliver the items or any consignment thereof, within the period prescribed for such delivery, the Purchaser shall be entitled at his/ her option, to the following:

**Delayed Penalty & Liquidity Damage:**

Up to 7 Days from Delivery Due Date	0.75% from the total PO value
From 8th day to 15 Day	1.00% from the total PO value
From 16th day to 22nd Day	3.00% from the total PO value
From 23rd day to 30th Day	5.00% from the total PO value
Above 30 Days	10.00% from the total PO value

**25. Risk Purchase:**

If the Supplier fails to deliver the items either in full or in part, within the prescribed delivery period, the Purchaser shall be entitled at his option to take alternate procurement action, at the risk & cost of the supplier for the unsupplied portion of the goods / items without cancelling the contract in respect of the items not yet due for delivery, or to cancel the contract based on progress of work, including items not due for delivery, and, if thought fit/necessary, to purchase the items at the risk and cost of the Supplier. The price differential in the case of higher cost to Purchaser, if any, shall have to be borne by the defaulting supplier. Moreover the defaulting supplier shall have no claim over the quantity, which they failed to supply.

**26. Addendum & Corrigendum:**

At any time prior to the date of submission of the Bids, the Tender Inviting Authority may, for any reason whatsoever, whether on his own initiative or in response to a clarification requested by prospective bidders, modify the Tender Documents by an act of amendment thereafter referred to as an Addendum for Addition & Corrigendum for Correction. All prospective bidders who have received the bid documents will be notified of the Addendum / Corrigendum and that will be binding on them. In order to provide reasonable time to take the Amendment into account, the Tender Inviting Authority may at its discretion extend the date and time for submissions of Bids. The bidders should check for such amendments or Corrigendum on the NHM website. No separate intimation will be issued to them.

**27. Ethics:**

Any attempt by a Tenderer to obtain confidential information, enter into unlawful agreements with competitors or influence the committee or the Contracting Authority during the process of examining, clarifying, evaluating and comparing tenders shall make the tender submitted by that tenderer liable for rejection.

**28. Quantity of Delivered Items:**

- If the quantity received by the Target Delivery date is less than the P.O Scheduled quantity, then the physical quantity received will be the quantity certified by the Purchaser.
- If the quantity received is more than the P.O quantity, the excess quantity shall not be paid for, by the Purchaser.
- In case of any supply quantity with an upper or lower tolerance of over 5%, Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya will have the right to accept or reject the material immediately

**29. Taxes, Duties and Levies:**

- Tenderers must clearly mention their GST Registration in their offers and invoices.
- GST shall be clearly mentioned in the offer indicating the applicable rates.
- In case if there is a decrease in the Statutory Taxes / Duties / Levies, the same has to be passed to the Purchaser



**30. Guarantee:**

The supplier must take the entire responsibility to supply the Quality-oriented products to Managing Director- MMDSL, Meghalaya. In case of distributors, the responsibility lies with the distributor to ensure the supply of right quality materials to Managing Director-MMDSL.

**31. Indemnity:**

The Supplier shall at all times indemnify the Purchaser against all claims which may be made in respect of the items, for infringement of any right protected by Patent, Registration of design or Trade Mark and shall take all risk of accidents or damage which may occur or failure of the supply arising. The Supplier shall be entirely responsible for the sufficiency of all the means used by them for the fulfilment of the contract. Supplier shall agree to indemnify, defend and hold Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya and its officers, Directors, Employees, its parent and assigns harmless from and against any and all liability, losses, damages, claims, liens,

expenses or causes of action including, but not limited to reasonable legal fees and expenses that may be incurred by Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya, arising directly or indirectly out of, or in connection with, Supplier's violation or breach of any of the terms of this Agreement or any act or omission to act by Supplier in violation of the Agreement. Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya shall provide the Supplier with prompt written notice of any claim for which indemnification is sought and shall have the right to participate in the defence of any such claim.

**33. Compliance of the Laws of the land:**

- a) The supplier shall comply with all state and local laws and regulations shall obtain all necessary licensing for the operation of its business and shall further comply with all quality control standards promulgated by Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya from time to time.

**34. Documentation requirements:**

A supplier has to send the following documents along with the shipment.

- a) Invoice in original along with two additional copies, both duly signed and stamped by the Supplier.
- b) Original Packing list.
- c) A copy of Purchase order raised by Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya

**35. Product Withdrawal:**

- a) If it is deemed necessary at any time by either Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya or Supplier or any local, state, or central governmental agency or other authority to recall or withdraw the Product produced by Supplier/Manufacturer and being supplied to Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya, either as a result of failure of the Product or Supplier to strictly comply with Managing Director, MMDSL quality standards or any governmental health rule or regulation, or shall fail to comply with any other governmental authority or agency having jurisdiction, supplier shall bear all costs and expenses incurred by it and/or in complying with the recall or withdrawal procedures, unless such recall or withdrawal is solely the result of the negligence or misuse by Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya.
- b) If Supplier fails or refuses to promptly comply with the recall or withdrawal of the product upon request by the Purchaser, Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya shall take such action as it deems necessary to recall or withdraw the product and Supplier shall immediately reimburse for the costs and expenses incurred.
- c) If the product supplied is not as per the specification on analysis of the samples by appropriate approved authority, then the rejected and available quantities have to be lifted back by the supplier. All cost and consequences of such rejected quantities shall be borne by the supplier.

**36. Product Allocation and Stocking:**



In the event there is an emergency shortage of the product, as announced by Supplier or its designated representative, Supplier shall stand ready to stock adequate quantities of the Product so that scheduled supplies to Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya, should not suffer for the full contract period. In an event of Supplier failing to supply the material in order quantities and as per time schedules, Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya, reserves the right to procure the product of same or superior quality at same or higher price from an alternate supply source and any difference in cost of procurement shall be debited to the Supplier.

### 37. Trademarks:

The supplier shall not, without prior written consent of Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya use the trademarks or service marks or sales marks of Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya in any manner whatsoever, unless, and then only to the extent, such use is authorized by Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya in writing and then only in accordance with Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya directions or specifications

### 38. Termination:

Managing Director, Meghalayan Medical Drugs & Services Limited, the Meghalaya Tender Committee shall have the right to immediately terminate this Agreement by giving a written notice to the Supplier in the event that Supplier does any of the following:

- I. Fails to supply the order from the date of target delivery date.
- II. Files a petition in bankruptcy or is adjudicated bankrupt or insolvent, or Supplier discontinues its business
- III. Breaches any provision of this Agreement, and fails to cure such breach within seven (7) days after it receives a written notice of breach from the , Meghalaya.
- IV. Managing Director, Meghalayan Medical Drugs & Services Limited, the Meghalaya Tender committee has Right to Terminate without giving any reasons. Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya shall have the right to terminate this Agreement by written notice to Supplier.
- V. Upon receipt of the notice of termination from the Purchaser, the Supplier shall either immediately or upon the date specified in the notice of termination, cease all further supplies except for such as the Purchaser may specify in the notice of termination. In the event of termination of the Contract
- VI. the Purchaser shall only pay to the Supplier, the Price for the parts executed by the Supplier as of the date of termination.

### 39. Infringements:

- a) The supplier agrees to fully cooperate with Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya in the prosecution of any such suit against a third party and shall execute all papers, testify on all matters, and otherwise cooperate in every way necessary and desirable for the prosecution of any such lawsuit.

### 40. Governing Law; Dispute Resolution:

- a) This Agreement shall be governed by, and construed in accordance with, the laws of the India; without regard to conflict of law principles, and under the jurisdiction of Meghalaya and language shall be English

### 41. Notice:

- a) Any notice required to be given pursuant to this Agreement shall be in writing and delivered personally or by a nationally recognized overnight courier service, or mailed by certified or registered mail, return receipt requested, to the other party at its address as set forth at the top of this Agreement.
- b) All such notices shall be effective upon delivery or upon refusal to accept delivery.
- c) Either party may change the address to which notice is to be sent by written notice to the other in accordance with the provisions of this paragraph.

Approved By Shri Ramkumar S(Managing Director) on 11/02/2024 07:58 PM  
(The document is digitally approved and does not require any Seal or Signature in original)



**42. Miscellaneous:**

- a) If any term, clause or provision hereof is held invalid or unenforceable by a court of competent jurisdiction, such invalidity or unenforceability shall not affect the validity or operation of any other term, clause or provision, and such invalid or unenforceable term, clause or provision shall be deemed to be severed from the Agreement.
- b) This Agreement constitutes the entire understanding of the parties, and revokes and supersedes all prior agreements between the parties, and is intended as a final expression of their agreement. It shall not be modified or amended except in writing signed by the parties hereto and specifically referring to this Agreement.
- c) Bidders or employees of bidder cannot claim or construed as employees of Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya.

**43. Force Majeure:**

If at any time during the validity of the Contract, the performance in whole or in part by either party of any obligation under this Contract shall be prevented or delayed by reasons of War, Hostility, Acts of Public Enemy, Civil Commotion(s), Sabotage, Fire(s), Flood(s), Explosion(s), Epidemic, Quarantine Restrictions, Acts of State or Acts of God, hereinafter referred to as eventualities, then the Contract period will get extended for the period of Force Majeure, provided Notice of the happenings of any such eventualities is given, supported by a certificate of appropriate authority or Chamber of Commerce by either party to the other within 15 days from the date of occurrence thereof. Neither party shall by reason of such eventualities be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance. Work under this contract shall resume as soon as practicable after such eventualities have come to an end or ceased to exist. Should one or both parties be prevented from fulfilling their contractual obligations by state of Force Majeure lasting continuously for a period of at least three months, the parties shall consult each other regarding further continuation of the Contract.

**44. Dispute Redressal Committee:**

All disputes can be addressed by amicable settlement by a committee constituted by Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya.

**45. Declaration by the Tenderer:**

The Tenderer shall be required to declare whether the proprietor or any partner of the firm or Director of their company as the case may be, has any relation to any employee working with the Purchaser and if so, give the name of the employee and the relationship.

**46. Waiver:**

Failure to operate or to enforce any condition under this Contract shall not operate as a waiver of the condition itself or any subsequent breach thereof.

**47. Payment Terms:**

Payment will be made after successful execution of the order in totality or postal delivery, inspection, acceptance and Receipts of the Goods including complete installation. The bidder should submit the bills/invoices with a copy of delivery Challans and installations – duly acknowledged by the Purchaser and order copy with a satisfactory inspection report of the designated Technical Committee after Delivery duly signed and accepted should be submitted at Managing Director, Meghalayan Medical Drugs & Services Limited, Meghalaya, Laitumkhrach, Shillong Meghalaya in original. Three copies of each document should be made and one copy handed over to the authority at the delivery site.

**48. FALL CLAUSE:**

The prices quoted for the material supplied under this tender by the Supplier shall in no event exceed the lowest price at which the Supplier sells or offers to sell similar material in similar volume of identical description to any person(s)/organization(s) including the Purchaser or any



other Managing Director, Meghalayan Medical Drugs & Services Limited, office located at any other place in India. If at any time during the said period, the supplier reduces the sale price, sells or offers to sell such stores to any person(s)/organization(s) including the Purchaser or any Statutory Undertaking of the Central or a State Government, as the case may be, at a price lower than the price chargeable under this contract, he shall forthwith notify such reduction or sale or offer to sale to the Purchaser and the price payable under the contract for the material supplied after the date of coming into force of such reduction or sale or offer of sale stand correspondingly reduced.

**49. Blacklisted:**

An Affidavit on a Non Judicial Stamp Paper of Rs. 10/-, attested by a Notary Public (In Original) that there is no vigilance / CBI Case or arbitration cases pending with the Government of Meghalaya against the Form/Supplier that the Proprietor/Director/Members of the Board of Directors of the Bidder and the Principal Manufacturer on whose behalf they have quoted has never been blacklisted by any Institution (Government or Public).

**50. SAVING CLAUSE:** No suit, prosecution or any legal proceedings shall lie against Bid Inviting Authority or any person for anything that is done in good faith or intended to be done in pursuance of the Tender

**50 (a). Conflict of Interest.** Bidder represents and warrants the following:

a) A Conflict of interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

**No Current or Prior Conflict of Interest.** That bidder has no business, professional, personal, or other interest, including, but not limited to, the representation of other clients, that would conflict in any manner or degree with the performance of its obligations under this Tender.

**Notice of Potential Conflict.** If any such actual or potential conflict of interest arises under this tender, bidder shall immediately inform the authority in writing of such conflict.

**Termination for Material Conflict.** If, in the reasonable judgment of the authority, such conflict poses a material conflict to and with the performance of bidder's obligations under this tender, then the Authority may disqualify or terminate the Agreement immediately upon written notice to bidder; such termination shall be effective upon the receipt of such notice by bidder.

b) Prevention of Corruption Act, 1988, Competition Act, 2023, CVC, 2021 and all subsequent amendments shall prevail.

**51. GENERAL TERMS AND CONDITIONS**

➤ **For supply and installation of Various Equipments:**

- i. Qualified Bidders are required to arrange a demonstration of the equipment, preferably in the office of MMDSL Laitumkrah, and Meghalaya Shillong. The Tenderer demonstrate the Equipment at office of Managing Director MMDSL on date fixed by the technical committee duly constituted by competent authority. Failure to arrange for a demonstration on the given date may lead to cancellation of the bid. Cost of organizing such demonstration shall be borne by the bidder.
- ii. Tenders should be quoted only by the actual manufacturer or their authorized distributors or selling agent of a particular firm. The bidder is responsible for the supply of stores. If the Principal Manufacturer withdraws rights of distribution from the bidder during validity period of rate contract, Managing Director, MMDSL has right to cancel the eligibility of the bidder and accept the candidature of new coming authorized distributor. For supplying items at approved rates, new coming firm may have to deposit the EMD, subject to approval from the authority.



- iii. The model of the equipment offered should not be obsolete /out of production for next 5 years.
- iv. CMC period (as specified in Annexure-I Onsite CMC including Spare Parts & Labour etc.)
- a) Tenderer and Manufacturer should give an undertaking stating that "The equipment being offered is the latest model as per the specifications and the spares for the equipment will be available for a period of at least 10 years after the CMC period.
- b) Guarantee/warranty to the effect that before going out of production of spares parts , the manufacturers and/or tenderers will give adequate advance notice to the purchaser of the equipment so that the later may undertake to procure the balance of the life time requirements of spare parts.
- c) The supplier warrants comprehensively (period as specified in Annexure:1) for Onsite CMC including Spare Parts & Labour etc. that the Equipment/Stores supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The supplier further warrants that the Equipment/Stores supplied under the contract shall have no defect arising from design, materials (except when the design adopted and / or the material used are as per Purchaser's/Consignee's specifications) or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied Equipment under the conditions prevailing in India.
- d) No conditional CMC like mishandling, manufacturing defects etc. will be acceptable.
- e) Comprehensive Maintenance contract should be inclusive of all accessories and Turnkey work.
- f) Replacement and repair will be under taken for the defective Equipment/Stores.
- g) Proper marking has to be made for all spares for identification like printing of installation and repair dates.
- h) The firm will be required to warranty/guarantee that during the CMC period as well as during the service contract period, the equipment including the accessories will be maintained in good working condition for a period of 347 days out of a period of 365 days ( i.e. 95% uptime).
- v. Upon receipt of such notice, the supplier shall, within 48 hours on a 24 X 7 X 365 basis respond to take action to repair or replace the defective Equipment/Stores or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/Equipment/Stores after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/Equipment/Stores thereafter. The penalty clause for non- replacement will be applicable as per tender conditions mentioned above or as decided by the Managing Director.
- vi. The tenderer hereby declares that the goods/equipment/stores/articles supplied to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications and the particulars contained/mentioned in the clauses here of and the tenderer hereby guarantee/ warrant that the said goods /equipment / stores/ articles conform to the description and quality aforesaid. The purchaser will be entitled to reject the said goods/equipment/stores/articles or such portion thereof as may be discovered not to conform to the said description and quality as follows:-
- a. Tenderer should state categorically whether they have fully trained technical staff for installation/commissioning of the equipment and efficient after sales services.
- b. It is specifically required that the tenderer will supply all the operating and service manuals along with blue-prints and drawings including circuit diagram of the equipment supplied as well as its components.
- c. If the supplier, having been notified, fails to respond to take action to replace the defect(s) within 48 hours on a 24 X 7X 365 basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.
- d. During CMC period, the supplier is required to visit at consignee's site at least once in 3 months commencing from the date of the installation for preventive maintenance of the Equipment/Stores.
- vii) Onsite GUARANTEE/CMC inclusive of all Spares and Labour: -  
The bidder will give an onsite guarantee/ CMC for trouble free functions and maintenance of the equipments including spares and labour from the date of installation, commissioning and acceptance of the equipments.





- viii) Bidders are required to quote strictly as per specification of the equipment. Deviation to specification must be brought out clearly giving deviation statement in Annexure-II.
- ix) Additional features (in case of equipment), if any, should be listed separately in the offer.
- x) The firms should confirm that the equipment is brand New, is of latest technology and have facility for up gradation, if necessary.
- xi) The Managing Director, MMDSL Meghalaya has full authority to take into account the performance of manufacturer/authorized dealer or distributor/bidder and they should submit (if asked) a latest performance certificate from any other Govt. Hospitals/Institutions/PSUs to testify the proper dealing & performance as well as installation and maintenance of equipment.
- x) The minor nature in works like minor Electrical/Civil Works, if required for Equipment installation, will carried out and borne by the Successful or L1 bidder, and for this purpose no extra payment, what so ever will not paid by Managing Director, MMDSL Meghalaya to any bidder.
- xi) All equipment should be successfully delivered, installed, calibrated, demonstrated, or as applicable, at the respective health center. This is crucial to ensure that the health center can start utilizing the equipment effectively. The delivery process should be carefully supervised to avoid any potential damage or mishandling. Once installed, the equipment must be calibrated to guarantee accurate readings and optimal performance. Additionally, a comprehensive demonstration should be provided to the health center staff to familiarize them with the equipment's functions and features. Overall, these steps are essential in ensuring a seamless integration of the equipment into the health center's operations.

**Note:** All bidders should quote equipment/items with following approved standards/requirement:-

- All equipment should be as per the approved quality standard .
- Manufacturers/Suppliers should have ISO certification for quality standards
- Electrical safety conforms to standards for electrical safety.
- All Literature (Log Book/Maintenance Record/Troubleshooting/Operation Manuals etc.) supplied with each of equipment by Principal Manufacturer should be in Original.
- All consumables required for installation and standardization of equipment should be supplied free of cost with Equipment.
- All required Training to the associated concerned staff at Client Site (i.e. as specified at page no. 4 clause 3(a) under Term of delivery) should be organized by the Tenderer on his cost.

**Arbitration:**

- In the event of any question, dispute or difference arising under this contract (except as to any matters the decision of which is specially provided for by the general or the special conditions.), the same shall be referred to the sole arbitrator or an officer appointed to be the arbitrator by the Managing Director MMDSL Meghalaya. It will be no objection that the arbitrator is a Government Servant or that he had to deal with the matters to which the contract relates or that in the course of his duties as a Government servant he has expressed views on all or any of the matters in dispute or difference. The 'Award' of the arbitrator shall be final and binding on the parties to this contract.
- In the event of the Arbitrator dying, neglecting or refusing to act or resign or being unable to act for any reason, or his Award being set aside by the Court for any reason, it shall be lawful for the Managing Director MMDSL Meghalaya to appoint another arbitrator in place of the outgoing arbitrator in the manner aforesaid.
- It is further a term of this contract that no person, other than the person appointed by the Managing Director MMDSL, Meghalaya as aforesaid, should act as arbitrator and that, if for any reason that is not possible, the matter is not to be referred to Arbitration at all.
- Upon every and any such reference, the assessment of the costs incidental to the reference and Award, respectively, shall be at the discretion of the arbitrator.
- Subject as aforesaid, the Arbitration Act, 1996 as amended and the rules there under and any statutory modification thereof for the time being in force shall be deemed to apply to the Arbitration proceedings under this clause.
- The venue of arbitration shall be the place from which formal Acceptance of Tender is issued or such other place as Managing Director MMDSL Meghalaya at his discretion may determine



**SPECIFICATIONS**

All equipments must comply to Product quality standards and CMC period  
All equipments should be provided with 10 years CMC periods.  
Unless otherwise indicated in the relevant specification, all equipment should have a minimum one-year warranty.

**51. Annexure – I**

**LIST OF ITEM WITH SPECIFICATIONS**

**1. HDR Brachytherapy Machine (Oncology)**

A High Dose Rate (HDR) Brachytherapy (With Co-60 source), state of the art Unit, and the latest model should be supplied meeting the requirement of national and international standards and regulations with state of art hardware and software with state-of-the-art Treatment Planning System (TPS), for doing all types of Brachytherapy Planning and required Applicators and Accessories Supply is required for the Dept. of Radiation Oncology, Civil Hospital Shillong. (CHS) or in any health facilities, Govt. of Meghalaya

The unit should be capable of doing Intracavitary, Intraluminal, Interstitial and Surface Mould Brachytherapy.  
The technical offer and compliance column with respect to each specification should be filled by the vendor while submitting the bid

Sr. No.	Tender Specifications
<b>1.</b>	<b>General Specifications:</b>
	The HDR system should be microprocessor based with PC controlled.
	The HDR unit must be from a well-established company with a documented history of reliability.
	Must have a symmetrical source and check cable drive.
	The HDR system manufacturer should have an ISO 9001/FDA certification and must conform to EMC directives. A copy shall be enclosed of the same. It must be AERB approved model.
	A single operated quick lock system shall be provided to secure the unit in position when parked or during treatment.
	The HDR system must have a "Check" cable that automatically checks the operation of the complete treatment parameters prior to treatment.". The check cable must also be possible to use as a "Dummy" source to allow simulation a particular source locations.
	The system should be in use in renowned centers in India. The tender offer must be accompanied with letters of reference from existing users of the offered products in India.
	The HDR Unit quoted in the tender shall have type approval certificate from the competent authority. A copy of type approval of the same must be enclosed with the offer.
	UPS, Color CCTV and two way patient communication system must be included with the offer.
	A couch for application of ICRT/CVS with appropriate fixation device shall be provided with facility for up-down movement and lock.
<b>2.</b>	<b>Detailed Specifications:</b>
<b>A.</b>	<b>Treatment Unit:</b>
	Preferably on wheels for easy mobility within the room.
	Separate Stepper motor to control dummy check cable and source cable with an accuracy of $\pm 1$ mm.
	A safe to contain the source which compiles International Safety Regulations.
	Treatment Unit should have a (built in) integrated radiation detector (GM Tube type)
	The unit should have a multichannel indexer with at least of 25 channels having automatic optical verification of channel number and applicator/catheter connection.
	The source must be retractable (either by independent motor or manual source retraction through hand crank) in the event of an emergency/power failure.
	Backup power supply for the unit and console system for at least 1 hour shall be provided.
<b>B.</b>	<b>Control Unit:</b>
	The control console shall consist of a PC including the software for operating the afterloader, a keyboard, a color monitor,mouse, printer, network card, a backup media and a display indicating visual and audio alarms and a laser printer.
	If communication between control console and afterloader is lost, whether by software or hardware failure, the source shall immediately and automatically be retracted.
	The control console and afterloader shall be programmable with information relating to the activity of the installed source, and shall automatically correct all treatment dwell times for radioactive decay of that source.



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	The control console shall have a means to access the treatment plan calculated on the treatment planning system via a network and deliver the treatment.
	Dwell times at each dwell position shall be programmable from 1.0 sec to 3600 sec with the dwell time resolution of 0.001 seconds increments
	It shall be possible to program a minimum 40 dwell positions within a channel with a corresponding 2.5/5/10 mm step size.
	Throughout the treatment, there shall be clear indications at the control console of the state of the treatment in progress,including: <ul style="list-style-type: none"> <li>The channel being treated</li> <li>Whether the active or dummy cable/wire is extended.</li> <li>The dwell position of the source.</li> <li>The programmed and remaining dwell time for that dwell position.</li> <li>The programmed and remaining dwell time for the treatment channel.</li> <li>The programmed and remaining total dwell time (all channels) Present activity of the source in terms of Ci and total RAKR.</li> </ul>
	Large patient database should be provided with a backup to an external storage device.
	Control unit should contain a built in log book and all events should be recorded.
<b>C.</b>	<b>Radiation Source:</b>
	The radioactive source must be a single Co-60 source of 2Ci strength.
	Two number of Co-60 source of 2 Ci strength should be provided for a period of 10 years CMC
	Active length < 5 mm.
	Source Size: <b>Please specify</b>
	Minimum and maximum treatment length: <b>Please specify</b>
	The source drive out length from the indexer to reach further sites of treatment. <b>Please Specify</b>
	Maximum number of source transfer capacity per source: <b>Please specify</b>
	Treatment pathway curvature: <b>Please specify</b>
	Source Cable movement accuracy: <b>Please specify</b>
	Supply of source to CHS : 02 nos of Co-60 sources to be used for first 10 years
	Source step size: <b>Please specify</b>
	Maximum time required to supply the source from the date of placing order: <b>Please specify</b>
	Please mention the number of source transfers tested/possible with the unit both total and per source.
<b>3</b>	<b>Radiation Safety and QA Package:</b>
	Within the afterloader there shall be a radiation detector, which shall give audible and visual warnings at the operator console and the afterloader, that radiation is present when the source is extended in normal operation. The same radiation detector shall sound an alarm and will give visible indication radiation is present when it is intended that the source should have returned to the safe.
	A Gamma Zone Monitor with latest calibration certificate shall be provided by the vendor which gives visual and audible warningsinside the treatment room and at or near the operator console that radiation is present when the source is extended in normal operation.
	LMO (Last Man Out) switch shall be provided and installed as per AERB guidelines.
	A source calibration well type chamber with matched cabling and electrometer shall be provided with latest calibration certificate.
	Source position accuracy verification tool shall be provided.
	A calibrated contamination monitor shall be provided.
	A catheter length measurement device shall be available so that any catheter or applicator channel length can be precisely determined.
	Emergency container/source container as per AERB norms" should be provided
	Gafchromic films 50 pcs (optional)
<b>4</b>	<b>Applicators:</b>
	Applicators to be provided for:
	Cervix – CT & MR compatible Fletcher Suit type applicator – 3 sets
	A set of CT compatible MIAMI applicator set - 1 Set
	CT & MRI Compatible Central Vaginal Source applicator with variable diameter – 2 sets
	Intraluminal Brachytherapy applicator for Esophagus and Bronchus: 2 sets each.
	Breast template: 2 sets
	XMUPIT/ Gyn template: 2 sets
	Flexible implant tubes/catheter complete set with minimum: 100 nos. of flexible catheter.
	Guide wires: 2 sets
	Connecting Transfer tubes for various applicators : (20 Nos)
	CT compatible Interstitial Markers : 1 set
	A set of Brachytherapy interstitial needles of 10cm, 15 cm and 20 cm :(40 Nos. each) and others please specify



# MEGHALAYAN MEDICAL DRUGS & SERVICES LIMITED



Department of Health & Family Welfare,  
DHS Complex, Laitumkhrah, New Colony,  
Shillong - 793003,  
East Khasi Hills,  
Meghalaya - 793003  
+91-9863033404 / 9863048955  
meghmdsl@gmail.com

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	All the applicators for brachytherapy (Intracavitary, Interstitial etc) should be reusable multiple times and the method of sterilization for repeat use should be mentioned clearly for each.
<b>5</b>	<b>Accessories:</b>
<b>A</b>	A closed-circuit color TV system with 2 TV Monitors and 2 cameras. 1 wide angled and 1 remote controlled with remote zoom and focus facility in the HDR Brachytherapy treatment room shall be supplied.
<b>B</b>	A two way patient calling system shall be supplied.
<b>C</b>	3 patient trolleys with water resistant cushion and 2 wheelchairs with water resistant cushion for patient shifting
<b>6</b>	<b>C-Arm:</b>
	Vendor shall provide a C-ARM (AERB Type Approved) for imaging which shall be installed in-house with Brachy couch or Table for imaging with DICOM image transfer capability to TPS.
	The System shall meet the following technical requirements:
	1. High frequency X ray generator capable of at least 40 to 110 kV
	2. X-ray tube should have dual focus spot
	3. Imaging detector/Image intensifier / size: please specify.
	4. Fluoroscopy/Radiography capability including foot / hand switch for remote operation i.e from Brachytherapy console room
	5. Last image hold capability.
	6. Cassette exposures should be available.
	7. Gantry with optional isocentric rotation.
	8. Orbital movement of at least 120° (- 30° to + 90°) or rotation of at least +/- 190° (if isocentric).
	9. Motor-driven vertical travel: greater than or equal to 40 cm.
	10. Horizontal travel: greater than or equal to 20 cm.
	11. Focus-image receptor distance greater than or equal to 90 cm.
	12. Free space greater than or equal to 78 cm.
	13. A braking system for gantry control.
	14. DICOM interface for digital networking of images (transfer of digital images to brachytherapy treatment planning system).
	15. In addition to hard disk image storage capabilities, the system should also have USB and DVD storage possibilities.
	16. 02 units of 21" High Resolution medical grade Monitors mounted on mobile trolley should be provided.
	17. Accessories:
	<ul style="list-style-type: none"> <li>Lead goggles: 4 sets.</li> <li>Lead apron: 4 sets.</li> <li>Sterile cover 2 sets.</li> </ul>
	18. A complete set of diagnostic QA kit for performing periodic Quality Assurance as per AERB Guidelines (Optional)
	19. C-Arm should be mobile to move in and out of room when required.
<b>7</b>	<b>TREATMENT PLANNING SYSTEM</b>
	A dedicated treatment planning system (TPS) for the after-loader shall be offered. Ideally, the planning workstation will have additional functional capabilities, which should be described.
	The treatment planning system should be fully computerized, integrated system having hardware and software to perform all kinds of 3D Brachytherapy planning calculation, isodose plotting, display of patient files, beam data acquisition and display and other related program. The planning system should be able to transfer the plan directly through network for execution to the independent HDR unit control computer linked to it.
<b>A.</b>	<b>Hardware:</b>
	High end graphics workstation consisting of
	Multi-color inkjet printer/plotter to print various datas/isodose curves for A4 format, or equivalent (Cartridge shall be provided)
	Minimum 22" color TFT Flat screen
	There shall be a means by which treatment dwell positions and times calculated on the treatment planning computer can be transferred to the control console of the afterloader.
	A scanner with good resolution should be provided.
	An external hard drive (2TB) shall be provided for patient data storage (Archive/Retrieve)
<b>B.</b>	<b>Software:</b>
	The following software features and performance standards shall be required:
	Image input
	Dose calculation should be based on AAPM TG-43
	Transferring CT- MRI- or US scanner patient image data via a film scanner and subsequent generation of 3D image data set.
	Transferring CT, MRI or US scanner patient image data directly, using DICOM-3 or CART image formats.
	DICOM RT shall be included



Catheter / Applicator input
Catheter / applicator structure definition with mouse on monitor
Catheter / applicator position data input from keyboard and film digitizer tablet
Assistance for identification of the catheter / applicator position defining points with a projection line
Automatic reconstruction of metal needles / applicators or plastic catheters in CT data sets.
Needle position definition using a template

Catheter/applicator reconstruction in 3D space from:	<ul style="list-style-type: none"> <li>Orthogonal Films</li> <li>Semi orthogonal films</li> <li>Stereoshift films</li> <li>Using jig reconstruction</li> <li>Variable angle</li> </ul>
Catheter / applicator reconstruction in 3D space from 3D image data from:	<ul style="list-style-type: none"> <li>CT Scanner</li> <li>MRI Scanner</li> <li>US Scanner</li> </ul>
System must allow applicator defining points to be entered in a transverse plane or any other plane reconstructed from the data set	
Image processing/manipulation	
Anatomical structure definition / patient outlining	
Reconstruction of 3 dimensional models of anatomical structures based on 3D data sets from CT, MRI and Ultrasound scanners.	
Planning tools	
Rapid reconstruction of catheter using tracking algorithm and indication of corresponding on the image should be present	
Ability to do geometric optimization	
Ability to do optimization with constraints	
Rescaling of the dose distribution with a common factor	
Combine Brachytherapy plan with external beam plan	
Cumulative and Differential dose volume histograms	
Multiple plan comparison.	
<b>C. Networking:</b>	
The TPS should be connected to the entire HDR Brachytherapy Unit, C-Arm Unit, and Ultrasound Unit, CT-Simulator/CT-Scan .	
<b>8 Training for Radiation Oncologists and Medical Physicists:</b>	
Vendor offer shall include training based on the following:	
On-site working one-week training for Oncologist and Medical physicist and Technicians shall be offered. Emphasis shall be on practical hands-on training.	
During the on-site training, training for the Oncologist shall include treatment planning on the planning system, knowledge and handling of the applicators ordered and emergency and safety procedures.	
Training for the Medical Physicist shall include operation of the afterloader, dosimetry of the Co-60 source, quality assurance, treatment planning on the treatment planning system, knowledge and handling of the applicators ordered and emergency and safety procedures.	
The vendor shall agree to have a medical physicist on site at the hospital to support for first patient treatment on receiving commissioning approval from AERB.	
Should provide training on C-arm operation to the user.	
<b>9 Warranty and Service Support:</b>	
<b>A. Warranty: 2YRS</b>	
a) Up-time guarantee of 95% or more should be provided during warranty and CMC period. The firm will be required to guarantee that during the warranty period as well as during the service contract period, the equipment will be maintained in good working condition for a period of 347 days out of a period of 365 days (i.e. 95% uptime), 8 hours non-functioning of the equipment may be considered as one day down time. Essential period to shut down the installation entirely or partially shall also be included in the down time while calculating the 95% guaranteed uptime. This guaranteed uptime shall be calculated for each block of 365 days.	
b) The service engineer must attend the machine within 48 hrs of information of machine breakdown and should take all efforts to make functional as early as possible.	
<b>B Service and Support:</b>	
The vendor must ensure technical support and spare parts for another 10 Yrs after the expiry of 2 Yrs. warranty period.	
The installation and servicing of the offered HDR Brachytherapy system shall be through a factory trained service engineer.	

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	Service contract shall include onsite service of hardware and software, source replacement, preventive maintenance and software updates for the system as purchased.
	In order to facilitate exchange of information, the vendor shall submit a complete user list of systems equivalent to that offered.
	The vendor shall maintain an application support system whereby customers have access to a toll-free / dedicated service phone line.
	Factory trained service engineer/ application specialist should be available to look after the installation and maintenance of the system.
10	<b>Any necessary software or hardware component required for proper functioning of the HDR system which may be overlooked in the specification should be supplied by the vendor without any additional cost.</b>

<b>11</b>	<b>Turnkey Work Brachy wing at CHS:</b>
	<p>The Brachytherapy Bunker and Brachytherapy Console room will be provided in raw state. The vendor should inspect the rooms and provide the necessary turnkey work including plastering, tiles, tables, furniture for computers, monitors, printer and TPS equipments and connecting electrical/network cables/wires and sockets, painting, doors and providing of chairs, Air Conditioner in both Brachy room and Brachy Console ( for temperature and Humidity control). The vendor should also provide necessary cupboards and shelves for storing Brachytherapy and QA equipments/accessories.</p> <p>The material used should be a standard make and model as shown in the table below. The scope of work for turnkey will include the following rooms:</p> <ol style="list-style-type: none"> <li>HDR Brachytherapy Room With Co-60 Source.</li> <li>HDR Brachytherapy Control Room and adjacent bunker areas</li> <li>Electrical conduit and other necessary conduits as per requirement of room and machine</li> <li>Site modification and conversion of existing Ir-192 Bunker to Co-60 Bunker: Extra shielding (Concreting) required as per the AERB Requirements-the extra shielding and concreting lead/other paneling will be the responsibility of the vendor to adhere to AERB Norms. The vendor should also make modified designs planned copy to submit to AERB for approval.</li> </ol>
	Construction/modification work including construction of brick wall if any, plastering, flooring as per the approved plan and equipment layout plan. Construction renovation/ modification demolition, exaction, filling work including construction of full or half brick wall if required, plastering, flooring as per the approved plan and equipment layout plan. Necessary openings/niches/cutouts, wherever required as per drawings and asked for by the Engineer-In-Charge, shall be provided by the contractor without any extra cost. Cable tray, trench & channel-necessary trenches, cable tray and channels at required locations.
<b>A</b>	<b>Walls:</b> High quality Tiles to be provided in the bunker and console from floor to ceiling.
<b>B</b>	<b>Window/Clerestory Window (If any):</b> As per Architectural design with aluminium windows and necessary fittings. <b>Door:</b> Aluminium framed with prelaminated Board/Glass/factory made panelled/flush doors with necessary fittings.Brachytherapy room door as per necessary shielding requirement.
	Construction / modification work including construction of brick wall if any, plastering, flooring as per the approved plan and equipment layout plan.
	Construction renovation/ modification demolition, exaction, filling work including construction of full or half brick wall if required, plastering, flooring as per the approved plan and equipment layout plan. Necessary openings/ niches/ cutouts, wherever required as per drawings and asked for by the Engineer-In-Charge, shall be provided by the contractor without any extra cost.
	Making surface good for floor modification for installing the HDR Brachytherapy Unit.
	Cable tray, trench & channel – necessary trenches, cable tray and channels at required locations.
<b>C</b>	<b>Flooring:</b> <b>50 mm thick cement smooth finish floor topping with high quality of tiles in the rooms ( HDR &amp; Console).</b>

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	<p><b>Note:</b> Providing and laying approved quality, colour, design and shade fully homogeneous 600 x 600mm (thickness to be specified by the manufacturer) Vitrified tile flooring (Marbonite or Granamite, confirming to IS code 15622 with water absorption less than 0.08%) flooring in pattern as detailed in drawing or as directed by the EIC and grouted with matching colour approved quality readymade grout, curing, cleaning, etc. to required line level etc. all complete at all leads, lifts and heights to the entire satisfaction of the EIC. Providing and fixing 2-3mm thick POP protection over polythene covering sheet to flooring areas till handed over and cleaning, etc. all complete as per drawings &amp; specification and as directed by EIC with 100mm tile skirting to match in Brachytherapy room, control room, and all relevant rooms. Mode of measurement (finished surface area of the tiles shall be measured and paid. Rate shall be inclusive of providing and laying levelling course, PVC spacers, providing and applying epoxy grout and no additional payment shall be made for wastage. 50 mm thick cement concrete flooring at all heights and locations including scaffolding, preparing the surfaces, neat cement finishing to correct line or as required to receive architectural finish, level and plumb, curing wherever required complete as per specifications and drawings, with high quality tiles flooring in Brachytherapy equipment and all relevant rooms. It should be made rodent/pest proof as in conjunction to the entire complex.</p>
D	<p><b>Painting:</b> Tiles (best quality) to be provided in Brachy Room and Console Room and as specified upto false ceiling Two coats Plastic Emulsion Paint over 2 coats of wall putty including primer in all areas except Brachytherapy Room. Brachytherapy Room Walls – High quality High density Vitrified Tiles clad on the side walls up to false ceiling.</p>
E	<p><b>False Ceiling:</b> Acoustical tile for ceiling with light weight insulating material (Gypsum material) of high quality supported on grid or fini shed seamless with support above ceiling. Ceiling height to suit the equipment mount and clearances. All materials to be used in works shall conform to Indian Standards specification as published by ISI from time to time/a s approved by the Department. All works are to be carried out as per the applicable IS code of practice.</p>
F	<p><b>Furniture:</b> Chairs: revolving chairs 4 nos. for monitors, console, computers, TPS, etc. should be provided Cupboards: necessary and sufficient cupboards for HDR Brachytherapy Treatment Room &amp; Control Console Room for keeping all QA Equipments, , Computers at Console Brachytherapy, accessories like Transfer tubes, Templates needles etc should be provided. Adequate tables to keep monitors, camera etc.</p>
G	<p><b>Electrical Work:</b> Necessary Electrical work/earthing work should be completed as per equipment requirement, air conditioning (AC) work and D I C O M connectivity to present TPS room/Brachy room/CT simulator room/OT room etc. at Brachy wing at CHS. Air Conditioning: Brachytherapy Room, Maze/Console etc for temperature and humidity control as per requirement and machine specifications. <b>Internal Electrical Wiring:</b> FRLS wires of copper conductor of different capacity as per the load should be used. General Lightings: Mirror optical type CFL of 1x28 W &amp; 2x36 W &amp; 2x36 W with electronic ballasts. LED lighting of 6-22 W. Note: All electrical items such as switches, plug sockets, etc. should be of modular type make of reputed manufacturer as listed in the table below.</p>

## 2. Advanced ENT Operating Microscope – Technical Specifications (CHS)

- Magnification: 18X magnification or more with Apochromatic Optics
- Focusing System: Varioscope controlled apochromatic, 200 - 420mm or more continuous (Working Distance) continuous working distance range for easy single handed control without movement of the microscope.
- The system must be offered field of view range from 8mm to 151mm.
- Main surgeon Tubes: Main Surgeon Binocular Tube should be Straight /Tiltable tube 0 to 180 degree or better. Eye piece 10x or 12.5x magnetic wide field eyepiece with integrated eye cups for Main Surgeon Binocular tube. It should be magnetic looking system.
- Handgrip: Strong handgrips for adjustment of total microscope with best maneuverer and ergonomics. It can be control single handed operation.
- Eyepieces: Magnetic locking Eyepieces with diopter correction must be +5D to -8D range.
- Microscope Stand: Stable and sturdy floor stand on four lockable Castors. Each castor must provide a cable detector.
- Balancing: Auto balancing or Easy as 1-2-3 simple steps perfectly balancing of microscope
- Illumination System: Xenon equivalent LED system / Xenon back up illumination with minimum colour temperature 5500K ± 500K. And illumination control knob to adjust brightness with just one finger with illumination bar indicator.



- j) Electrical Data Voltage: 115 / 230 V +/- 10%, Frequency : 50 – 60 Hz.
- k) Integrated Video Camera Systems: Integrated Beam Splitter 50:50 Full integrated CMOS medical grade HD Camera with HD Recorder integrated with integrated Hard Disk of 1TB and HDMI input & Output Port. Record should be control easily from joystick near to handgrip. 22" or more HD Monitor for Display.
- l) Laser Compatibility: Microscope should have Co2 Laser micro-manipulator compatibility.

**Microscope should be CDSCO/USFDA/European notified CE approved**

**3. ENT Equipment and instruments (WKH-MCH)**

S.No	Item	Specifications	Qty.
1.	<b>E.N.T. Operating Microscope with camera system</b>	<p><b><u>FLOOR STAND</u></b></p> <ol style="list-style-type: none"> <li>1. Rollable floor stand on base with lockable castors, carrier and swivel arms with large reach of 1.30 m or higher, Weight caring capacity at least 18 Kg. Should have free float magnetic system with Six magnetic brakes Three brakes for Microscope body &amp; three for Microscope Stand with, release of magnetic brakes by handgrips.</li> <li>2. Manipulation to any position with locking for trouble freeoperation</li> <li>3. Suitably Placed LCD display of function and parameters, individual programming for different Surgeons.</li> </ol> <p><b><u>MICROSCOPE BODY</u></b></p> <ol style="list-style-type: none"> <li>1. Motorized Zoom Magnification system with advancedapochromatic optics. <b>5 step Zoom magnification</b> factors 0.4x to 2.5x activation by handgrip and foot control panel.</li> <li>2. <b>Total Magnification range 2 X to 18 X or better</b> activated by hand grip and foot control without exchange of objective lens. Integrated continuously variable illumination field from 60mm-15mm or less.</li> <li>3. Internal Motorized fine focusing system activated by hand grip and foot control continuously.</li> <li>4. Adjustable working distance from 200-225 mm to 500-525 mm or more without exchange of objective lens, integrated continuously variable illumination field spot size</li> <li>5. Integrated 50:50 beam splitter with two additional output inbuilt for connection of co- observation device and video.</li> <li>6. Binocular Stereo co observation system movable in all axis for assistant surgeon/ teaching purpose Future up gradation to XY module Frequency range between 50-60 Hz. Automatic Circuit Breaker Adjustable friction of all joints Microscope should be movable on an inclinedcoupling for positioning in lateral direction. The maximum stretching length of the horizontal armto be not less than 1000mm. The swivel angles of the carrier arm not less than 300degree. Balanced microscope with integrated technology to manoeuvre the microscope in all directions with minimal force.</li> </ol> <p><b><u>BINOCULAR TUBE</u></b></p> <ol style="list-style-type: none"> <li>1. 180 Degree or more tilt able binocular tube with focal length <b>f= 200 mm or more upto 400 mm</b></li> <li>2. Graduated knob for continuous adjustment of <b>inter pupillary distance from 55 mm to 75 mm.</b></li> </ol> <p><b><u>EYE PIECE</u></b></p> <ol style="list-style-type: none"> <li>1. Pair of wide field push in eye piece 10X/18mm with magnetic locks with eye guard.</li> <li>2. Diopter setting from -8 D to +5 D, also suitable forspectacles wearers</li> </ol>	1

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	<p><b><u>ILLUMINATION SYSTEM</u></b> 1. Coaxial xenon illumination minimum 300 Watt with a back up quick easy lamp changer Xenon bulb</p> <p><b><u>HANDGRIPS</u></b> 1. Easily adjustable handgrips with keys for zoom and focus, illumination and magnetic brakes 2. Programming for magnetic brake for control of stand and microscope body brakes Fine Easy auto-balance function with touch of a button/touch screen panel.</p> <p><b><u>FOOT CONTROL PANEL</u></b> Full function foot control panel with Control keys for zoom, focus, movements and light intensity</p> <p><b><u>INTEGRATED DIGITAL VIDEO CAMERA SYSTEM:</u></b> Advanced digital 3CCD full HD Video camera should be Integrated in the microscope body, suitable for connection to PC, colour monitor.</p> <p><b><u>USER PROGRAMMING:</u></b> Programming for starting illumination, Magnification, working distance, Zoom speed &amp; Focus speed for at least 8 - 9 different users.</p> <p><b><u>VIDEO/ IMAGE DATA MANAGEMENT SYSTEM:</u></b> should have fully integrated digital video recording system &amp; still photo with direct recording on USB hard drive &amp; Pen Drive &amp; optional networking facility.</p> <p><b><u>VIDEO MONITOR:</u></b> Medical grade Full HD 17" or more display should be mounted on Microscope stand.</p> <p><b><u>UPS &amp; CVT:</u></b> Suitable UPS with One hour backup time with SMF Batteries &amp; Stand. Should be able to work on wide input range between 160-270 VAC at 9 frequency between 50Hz ± 2Hz, Should use PWM technology with power conversion with single transformer arrangements with an output of 220VAC ± 5%, protection of overload, short circuit and low battery. Should have indication on front panel for mains load/battery load/ battery overload-low and MCB protection in case of short circuit. ISI/CE approved good quality Indian make. Compatible CVT should be supplied for protection from voltage fluctuation.</p> <p>Power requirement 220-240 volts 50Hz US FDA &amp; European CE approval. Any Other accessory must for smooth functioning/maintenance of the equipment Sterile drapes -- 20 numbers Physical Demonstration if needed.</p>	
2.	<b>INSTRUMENTS</b>	
2.a	<p><b>Instruments for Ear Surgery</b></p> <p>Tumarkin Meatal Speculum- tapered slot, 11mm distal tip diameter, distal slot width 6mm</p> <p>Tumarkin Meatal Speculum- tapered slot, 8.5mm distal tip diameter, distal slot width 4.5mm</p> <p>Tumarkin Meatal Speculum- tapered slot, 7.5mm distal tip diameter, distal slot width 3.5mm</p> <p>Tumarkin Meatal Speculum- tapered slot, 6.5mm distal tip diameter, distal slot width 3mm</p> <p>Tumarkin Meatal Speculum- tapered slot, 7mm distal tip diameter, distal slot width 3mm</p> <p>Tumarkin Meatal Speculum- tapered slot, 4.5mm distal tip diameter, distal slot width 3mm</p> <p>Holmrger self retaining Ear Speculum with slotted blades to hold speculum in canal 5 mm Outer diameter</p> <p>Holmrger self retaining Ear Speculum with slotted</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>



# MEGHALAYAN MEDICAL DRUGS & SERVICES LIMITED



Government of Meghalaya

Department of Health & Family Welfare,  
DHS Complex, Laitumkhrab, New Colony,  
Shillong - 793003,  
East Khasi Hills,  
Meghalaya - 793003  
+91-9863033404 / 9863048955  
meghmdsl@gmail.com

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	blades to hold speculum in canal 6 mm Outer diameter	
	Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 7 mm Outer diameter	1
	Hartmann Aural forcep (Crocodile type)- 75mm to shoulder serrated Jaw	1
	Hartmann Aural forcep (Crocodile type)- 75mm to shoulder, round cutting Jaw	1
	Hartmann Aural forcep (Crocodile type)- 80mm to shoulder, serrated Jaw	1
	Faraboeuf Periosteum elevator- 150mm length, 13 mm wide, curved	1
	Faraboeuf Periosteum elevator- 115-117mm length, 11 mm wide, curved	1
	Freer elevator, double ended- 200mm	1
	Wullstein self retaining retractor solid blade left teeth	1
	Wullstein self retaining retractor solid blade right teeth	1
	Wullstein Post Aural Retractor- 3X3 sharp Prongs 110 mm length	1
	Schuhknecht Post aural retractor-3 X 3 sharp prongs curved 130mm length	1
	Plester Retractor-2X2 prongs 130lenth	1
	Rosen round knife- 45 degree Angle 2.0mm tip, Shaft 160mm	1
	Micro Raspatory- 160mm length	1
	Plester flag knife- 165mm length	1
	Plester Sickle knife- 165 mm length	1
	Wullstein Needle- straight, sharp, 165 mm length	1
	Wullstein Needle- Gentle curve, sharp 165mm length	1
	Wullstein Needle- Strong curve, Sharp, 165mm length	1
	Wullstein Needle- Strong curve, blunt, 165mm length	1
	Micro pick 90 degree angled 165mm length 0.2mm	1
	Micro pick 90 degree angled 165mm length 0.4mm	1
	Micro pick 90 degree angled 165mm length 0.8mm	1
	Micro pick 90 degree angled 165mm length 1.5m	1
	Belluci Micro ear scissors- straight, Right & Left Curved 4mm blade, 80 mm length	1
	Shea- Belluci micro ear scissors- straight, Right & Left Curved 8mm blade, 80 mm length	1
	Dieter Malleus Nipper- 80 mm, up biting	1
	Micro ear forcep oval cupped jaw straight 80mm,shaft 1.5mm thick	1
	Fisch Micro Ear forcep – serrated 0.6X 4mm 80 mm length, shaft 1.5mm	1
	Fisch perforator 160 mm length, diameter 0.3mm	1
	Fisch perforator 160 mm length, diameter 0.5mm	1
	House curette double ended, sharp, curved, round cup 1.2mm, 170mm	1
	House curette double ended, sharp, curved, oval cup 1.8mm, 170mm	1
	House curette double ended, sharp, curved, oval cup 2.2mm, 170mm	1
	Verhoven suction adapter with tip- all sizes (14,16,18,20,22,24)	1 Set
	Mayo scissor medium	1
	Mayo scissor small	1
	Ball Probe	1
	Drum Elevator	1
	House Gel foam pressure forcep large platform 30mmX30mm	1



		<b>SS Instrument case with silicon racks for storage and sterilization of delicate instruments, 200x 140 mm or to hold 10 micro instruments</b>	1
		<b>European CE &amp; US FDA Approved.</b> Prior demo if needed. <b>Instruments should be made from High Quality Surgical Grade Steel i.e. Grade 410 &amp; 420 or equivalent.</b>	
2.b	<b>Instruments for Nose Surgery</b>	Killians nasal speculum 6.5cm	1
		St clair thompson nasal speculum	1
		Thudicum nasal speculum	1
		Hartmanns nasal speculum 39cm	1
		Suction elevator with stillet	1
		Tileys forcep	2
		Lac's tongue depressor (adult and child sizes)	2 sets
		Heymann turbinectomy scissor straight	1
		Heymann turbinectomy scissor angled	1
		Luc's nasal turbinectomy forcep small	1
		Luc's nasal turbinectomy forcep big	1
		Killian's bayonet shaped nasal gauge	1
		Mallet	1
		Skin hook single	1
		Skin hook double	1
		Lemperts suction & irrigation tube (1-4)	1set
		Catpaw retractor	2
2.c	<b>Tracheostomy instruments</b>	Ribbon right angled retractors	2
		Straight pointed dissecting forceps	2
		Cricoid hook blunt & sharp	1
		Tracheal dilator small & large	1
		Metallic suction tube	1
		Jackson tracheostomy tube all metal all sizes	1 each
2.d	<b>Foreign Body Removal Instruments</b>	Metallic hypopharyngoscope with fibre optic light source carrier for CHILD	1
		Metallic hypopharyngoscope with fibre optic light source carrier for ADULT	1
		Metallic laryngeal suction tube 25cm with stillet	1
		Metallic laryngeal suction tube 35cm with stillet	1
		Laryngo-oesphago-brochoscope foreign body removal forcep 45cm	1
		Laryngo-oesphago-brochoscope foreign body removal forcep 55cm	1
		<b>Sterlization/Disinfection Tray:</b> Disinfection/Sterlization tray with sieve tray to lift. Size: 27"x7"x5"(LxBxD)	1
3.	<b>Fibreoptic ENT Operating Headband with Cable</b>	<ul style="list-style-type: none"> <li>Strong metallic built and Should be comfortable to wear</li> <li>Adjustable headband both circumference and height adjustments should be available</li> <li>Illumination axis should be adjustable</li> <li>Slot for connection to fibreoptic light source</li> <li><b>Fibreoptic cable, 3.5mm &amp; 4.5mm diameter, length 2-3 metres long</b></li> <li>Optional: <b>2dpt magnifying lenses</b>Should be</li> <li><b>European CE or US FDA approved</b> Prior demo is must</li> </ul>	1 set Headband + fibreoptic cable
4.	<b>Suction Machine</b>	a) The Suction pump should be oil immersed fitted on Motor shaft b) Suction pump should have line grinding internally.	1

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		<ul style="list-style-type: none"> <li>c) Minimum vacuum of 500 approx mm Hg. Should be adjustable and monitored by vacuum gauge of suitable range.</li> <li>d) Suction capacity should be 15 litres per minute and can be regulated.</li> <li>e) It should have two bottle of 1 or 2 liters (As per requirement) with synthetic rubber lids. The bottle shall be fitted with the arrangement to prevent overflow of fluid.</li> <li>f) ON/OFF Switch and Power indicator should be available</li> <li>g) Body material: Base ,top &amp; panel made of rust proof and corrosion resistant moulded ABS.. Jar/Bottle material: Autoclavable polycarbonate.</li> <li>h) Inbuilt maintenance free battery. Battery backup upto 60 minutes on full charge.</li> <li>i) Power cable-3 crore lead of 5 meter along with one 3 pins 15 amp</li> <li>j) The Following spares per machine are also required:-               <ul style="list-style-type: none"> <li>(i) Bottles 2 Nos.</li> <li>(ii) Lids 2 Nos.</li> <li>(iii) Rubber Seals 2 Nos.</li> <li>(iv) Blades 2 Nos.</li> <li>(v) Suction Tubing set 1 No</li> </ul> </li> </ul>	
		<ul style="list-style-type: none"> <li>k) Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.or should comply with 89/366/EEC; EMC-directive.</li> <li>l) The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and relative humidity of 15-90%</li> <li>m) The unit shall be capable of operating continuously in ambient temperature of 10 -40deg C and relative humidity of 15-90%</li> <li>n) Power input to be 220-240VAC, 50Hz fitted with Indian plug</li> <li>o) A fuse or a resettable circuit breaker of a appropriate capacity should be incorporated for protection of motor</li> <li>p) Should work on 220-240V AC as well as rechargeable batteries. Mains adaptor to be supplied</li> <li>q) Should be CDSCO/FDA , CE,UL or BIS approved product</li> <li>r) Conforms to BIS standard for suction apparatus IS- 4533, Latest Revision except where specified here differently</li> <li>s) Manufacturer/Supplier should have ISO certification for quality standards.</li> <li>t) User/Technical/Maintenance manuals to be supplied in English.</li> <li>u) Certificate of calibration and inspection.</li> <li>v) List of important spare parts and accessories with their part number and costing</li> <li>w) Log book with instruction for daily , weekly, monthly and quarterly maintenance checklist.</li> </ul>	
<b>5.</b>	<b>General ENT OPD INSTRUMENTS</b>	Bull's eye lamp	1
		Headmirror	2
		Surgical tray with lid 14" x 10"	1
		Kidney tray 8" x 10"	2
		Thudicum nasal speculum	5
		Lac's Tongue depressor	5



**4. Ultrasound Therapy with Trans electric nerve stimulator (TENS), for NCD:**

Channels	Dual Channel
Size/Dimension	40cm x 29cm x 24cm
Type of Tens Unit	Combination
Frequency	2Hz to 150Hz
Features	Gain explosive speed and power, Improves endurance of the muscles
Types of TENS Unit	Combination
Voltage	220 V
Material	Metal Body
Number of Channel	2/4
Power	AC
Timer	0-99
Treatment Time	0-10 minutes
Voltage V	220V/210 50Hz
Warranty	As per Standard warranty period
Cable Length	6 Feet
Display Type	Digital
Display	LCD
Shape	Square
Ultrasonic Frequency	1 MHz
Ultrasound Head	Single Head

**5. Pap Smear kit for screening of cervical cancer:**

Pap Smear test kit along with fixative, 95% solution of ethyl alcohol or spray fixative

**6. ENT Instruments for Jowai-MCH**

Sl.n	Item name	Project ed Quantit y
6.1	Otoscope	5
6.2	Nasal Speculum	5
6.3	Torch	2
6.4	Tongue depressor	5
6.5	Indirect Laryngeal mirror	2
6.6	45° Endoscope (Rigid)	1
6.7	75° Endoscope (Rigid)	1
6.8	0° Endoscope (4mm)	1
6.9	0° Endoscope (2.7mm)	1
6.10	Head light	2
6.11	Foreign body hook set (Ear)	1
6.12	Foreign body hook set (Nose)	1
6.13	Rigid Esophagoscope with forceps: 1small, 1 medium and 1 large	1 each



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East Khasi Hills,  
Meghalaya - 793003  
+91-9863033404 / 9863048955  
meghmdsl@gmail.com

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6.14	Light source		2
6.15	Monitor		1
6.16	Tracheostomy sets		1
	<b>SL No.</b>	<b>List of the Items</b>	<b>Quantity</b>
	1	Sponge Holding Forceps Straight 10"	1
	2	Spencer Wells Artery Forceps Curved 6"	1
	3	Mosquito Forceps Curved 5"	1
	4	Allis Tissue Grasping Forceps 6"	1
	5	Crile-Wood "DeBakey" Needle Holder 6" (Tungsten Carbide)	1
	6	Crile-Wood "DeBakey" Needle Holder 8" (Tungsten Carbide)	1
	7	Backhaus Towel Forceps 5"	1
	8	Kidney Tray 8"	1
	9	Dissecting forceps Fine Plan 6" Tungsten Carbide	1
	10	Dissecting forceps Fine Tooth 6" Tungsten Carbide	1
	11	Tracheal Retractor 2 Prongs Blunt	1
	12	Tracheal Dilating Forceps	1
	13	Lempert Mastoid Suction Tube Size 4.7mm	1
	14	Metzenbaum Scissors Curved (Tonsil Fine) (Tungsten Carbide)	1
	15	Metzenbaum Scissors straight 7" (Tonsil Fine) (Tungsten Carbide)	1
	16	Mayo's Scissors 6 1/2" Straight	1
	17	Kilner Retractor Sharp	1
	18	Bowl Stainless Steel 5"	1
	19	Surgical Tray With Lid Heavy Stainless Steel 10" x 12"	1
6.17	Suction machine with micro suction		1
6.18	Myringoplasty Instrument sets		2
	<b>Sl.No</b>	<b>List of the Items</b>	<b>Qty</b>
	1	Iris Scissors Curved - S.S. 4"	1 pcs
	2	Lempert Mastoid Suction Tube Size 2.0mm	1 pcs
	3	Barron Suction Tube Size 5Fr	1 pcs
	4	Barron Suction Tube Size 7Fr	1 pcs
	5	Ring Curette Buck,16 CM - SHARP 1.5mm	1 pcs
	6	Ring Curette Buck,16CM - SHARP 2mm	1 pcs
	7	Jobson Horne Probe 16.5cm - Child	1 pcs
	8	Jobson Horne Probe 19.0cm - Adult	1 pcs
	9	Hartmann Aural Forceps S.S - 60.mm 1.9x6mm	1 pcs
	10	Wilde Aural	1 pcs
	11	Heath Aural Speculum Oval Shape 4.0mm	1 pcs
	12	Heath Aural Speculum Oval Shape 5.0mm	1 pcs
	13	Heath Aural Speculum Oval Shape 6.0mm	1 pcs
	14	Heath Aural Speculum Oval Shape 7.0mm	1 pcs
	15		1 pcs
	16	Myringotomy Knife 5x2 mm	1 pcs
	17	Ring Curette Buck,16 CM - blunt 1.5mm	1 pcs
	18	Ring Curette	1 pcs
6.19	Septoplasty Instrument sets		2



# MEGHALAYAN MEDICAL DRUGS & SERVICES LIMITED



Government of Meghalaya

Department of Health & Family Welfare,  
DHS Complex, Laitumkrah, New Colony,  
Shillong - 793003,  
East Khasi Hills,  
Meghalaya - 793003  
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meghmds@gmail.com

Sl.N o	List of the Items	Qty
1	Knapp Scissors Curved - S.S. 4 1/2"	1 pcs
2	Knapp Scissors Straight - S.S. 4 1/2"	1 pcs
3	Heymann Turbinectomy Scissors, Working Length-95mm	1 pcs
4	Cottle Septal Scissors, Spring Angular Bows	1 pcs
5	[REDACTED]	1 pcs
6	Killian Nasal Speculum 9.0cm	1 pcs
7	Killian Nasal Speculum 7.5cm	1 pcs
8	2002 Killian Nasal Speculum 6.5cm	1 pcs
9	Killian Nasal Speculum 5.0cm	1 pcs
10	Cottle Columella Forceps length 105mm	1 pcs
11	Cottle Retractor Blunt	1 pcs
12	Cottle Retractor Sharp	1 pcs
13	Kilner Retractor Blunt	1 pcs
14	Cottle Upper Retractor	1 pcs
15	SMR Elevator Broad, 19cm	1 pcs
16	SMR Elevator Fine	1 pcs
17	Freer Elevator	1 pcs
18	Dissector with Succer	1 pcs
19	Lichtwitz [REDACTED]	1 pcs
20	[REDACTED]	1 pcs
21	[REDACTED]	1 pcs
22	Watson Williams Nasal Polypus Forceps	1 pcs
23	Walsham Septum Straightening Forceps	1 pcs
24	Walsham Septum Forceps Left	1 pcs
25	Walsham Septum Forceps Right	1 pcs
26	Ash [REDACTED]	1 pcs
27	Tilley Septum Gouge V - Shape - 4mm	1 pcs
28	Tilley Septum Gouge V - Shape - 5mm	1 pcs
29	Killian Nasal Gouge - 4mm	1 pcs
30	Bayonet Killian Nasal Gouge U-Shape, Length-16cm/6 1/4", Size -5mm	1 pcs
31	Measuring Osteotome 2mm	1 pcs
32	Measuring Osteotome 3mm	1 pcs
33	Measuring Osteotome 4mm	1 pcs
34	Measuring Osteotome 5mm	1 pcs
35	Measuring Osteotome 6mm	1 pcs
36	Ballenger Swivel Knife Bayonet	1 pcs
37	Mallet	1 pcs
38	Lempert [REDACTED]	1 pcs
39	Lempert Mastoid Suction Tube Size 2.7mm	1 pcs
40	Lempert Mastoid Suction Tube Size 3.3mm	1 pcs
41	Lempert Mastoid Suction Tube Size 4.0mm	1 pcs
42	Lempert Mastoid Suction Tube Size 4.7mm	1 pcs
43	Abbey Sub Mucosal Resection	1 pcs
44	Abbey Sub Mucosal Resection Needle	1 pcs

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	45	Abbey Sub	1 pcs	
	46	Abbey Sub Mucosal Resection Knife	1 pcs	
	47	Cable	1 pcs	
	48	Antral	1 pcs	
	49	Instruments Sterilizing Perforator Box Stainless Steel 8" x 4" x 2"	5 pcs	
6.20	Tonsillectomy Instrument sets			2
	<b>Sl.No</b>	<b>List of the Items</b>	<b>Qty</b>	
	1	Boyle Davis Mouth Gag with 4 Tongue Plates Adult	1 pcs	
	2	Boyle Davis Mouth Gag with 3 Tongue Plates Child	1 pcs	
	3	Birkett Tonsil Artery Forceps Straight	1 pcs	
	4	Birkett Tonsil Artery Forceps Curved	1 pcs	
	5	Negus Tonsil Artery Forceps Half Curved	1 pcs	
	6	Negus Tonsil Artery Forceps Full Curved	1 pcs	
	7	Eve Tonsil Snare	1 pcs	
	8	Yankauer Tonsil Suction Tube	1 pcs	
	9	Mayo Hegar Needle Holder 8"	1 pcs	
	10	Backhaus Towel Forceps 5"	1 pcs	
	11	Negus Pusher Knot Tier	1 pcs	
	12	St. Clair Thompson Adenoid Curette with Cage 8mm	1 pcs	
	13	St. Clair Thompson Adenoid Curette with Cage 10mm	1 pcs	
	14	St. Clair Thompson Adenoid curette with Cage 12mm	1 pcs	
	15	St. Clair Thompson Adenoid Curette with Cage 14mm	1 pcs	
	16		1 pcs	
	17	Backmann Adenoid Curette 10mm	1 pcs	
	18	Backmann	1 pcs	
	19	Backmann	1 pcs	
	20		1 pcs	
	21	Tonsil Pillar Retractor & Dissector	1 pcs	
	22	Waugh Tonsil Dissection Forceps Plain	1 pcs	
	23	Waugh Tonsil Dissection Forceps Tooth	1 pcs	
	24	Metzenbaum Scissors 8" Straight (Tonsil Fine)	1 pcs	
	25	Metzenbaum Scissors 8" Curved (Tonsil Fine)	1 pcs	
	26	Denis Browne Tonsil Holding Forceps	1 pcs	
	27	Rperitonsilar Forceps	1 pcs	
	28		1 pcs	
	29	Draffin Bipod Stand with Plates	1 pcs	
6.21	Tracheotomy sets with Tracheostomy tube: size 6.5, 7.5 and 8			2
	<b>SL No.</b>	<b>List of the Items</b>	<b>Quantity</b>	
	1	Sponge Holding Forceps Straight 10"	1	
	2	Spencer Wells Artery Forceps Curved 6"	1	
	3	Mosquito Forceps Curved 5"	1	
	4	Allis Tissue Grasping Forceps 6"	1	





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5	Crile-Wood "DeBakey" Needle Holder 6" (Tungsten Carbide)	1	
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16	Mayo's Scissors 6 1/2" Straight	1	
17	Kilner Retractor Sharp	1	
18	Bowl Stainless Steel 5"	1	
19	Surgical Tray With Lid Heavy Stainless Steel 10" x 12"	1	
20	Tracheostomy Tube Cuffed 6.5mm	50 Pcs	
21	Tracheostomy Tube Cuffed 7.5mm	50 Pcs	
22	Tracheostomy Tube Cuffed 8.0mm	50 Pcs	
6.22	ENT workstation		1

### 7. Traditional Birth Attendant (TBA) Kit

Kit contents:

Sl.no.	Item list	Qty.
1	Dettol Soap, 80 g	1
2	Clean sheet 40"x40"	4
3	Surgical Blade	1
4	Latex Examination Glove medium size	2 pairs
5	Cord tie ( Thread ), 50 meter par package	1
6	Disposable Surgical Mask	3
7	Surgical Cap	2
8	Sanitary pads	3
9	Gauze cloth	4 pcs
10	Misoprostol 200 mcg	3 Tablets
11	Disposable aprons	2
12	Mucus sucker separate outside the kit.	1

### 8. Skill Lab Equipments and Mannequins:

**General specifications desired for all Mannequins:**

- The color of the mannequin should be Caucasian simulating Indian babies / adult in medium skin tones.
- The material of the mannequin should be of polyvinyl and silicone rubber, free from any carcinogenic agents.
- The texture of the mannequin should be soft and smooth and close to the feel of baby / adult skin as relevant. The texture must be friction free to demonstrate the desired procedure.



- The Internal parts of mannequin must be realistically sculpted, anatomically accurate and feel must be smooth / resilient / bony as relevant and suitable for simulation.
- The mannequins must be portable and any fittings used in mannequins must be of aluminum or polycarbonate or equivalent.
- The mannequin's durability must be of minimum 2 years.
- The material of the mannequin should withstand extremes of temperature (up to 45 degree Celsius)
- The supplier must ensure manufacturer's warranty / guarantee for the specifications and also against manufacturing defects.
- The manufacturing units must have an internal system of quality control and supplier should produce the process and certificate from the manufacturers.
- The supplier will be responsible for service, maintenance, replacement, etc. against any complaints up to the satisfaction of the users, irrespective of the location of manufacturing unit.
- The Lead time must not be more than 6 weeks after confirmation of written supply order.
- The supplier must ensure the availability of on- call service agent from state headquarters within 48 hours, from local within 24 hours, from outside state within 7 days and incase the problem is not rectified on site at the time of service then its need to be rectified with in next 7 days for minor defects and within 28 days for major defects.
- The warranty for mannequins must be two years from the date of receiving at consignees address.
- All mannequins should include a soft / Hard Carrying Case and study questions, Dos and Dont's, instructions manual, maintenance guide, , background information, videotape for demonstrating the use of mannequin, user manual with trouble shooting guidance, technical manual with maintenance and first line technical intervention instructions and any other relevant teaching / training materials in English .
- The mannequins should have additional accessories as listed and also talcum powder or silicone gel to avoid friction, list of accessories and spare parts with cost and contact details of its supplier.
- The supplier / manufacture should list the name and address of technical service providers in India.
- The payment of the mannequin is linked with installation at consignee address, demonstration to service providers at consignee address and certification of installation and functionality by the head of the concerned department.
- The material used for equipment's should be of rust proof, high quality PVC / stainless steel / polyvinyl and silicone rubber as applicable and free from any carcinogenic agents.
- The stainless steel composition must be of 8 to 10% nickel, 18 to 20% chromium.
- The fittings of all equipment's must be of stainless steel / aluminum.
- The equipment's should be durable of minimum 3 years for repeated use by trainers / trainees.
- The supplier must ensure manufacturer's warranty / guarantee for the specifications and also against manufacturing defects.
- Every manufacturing unit must have an internal system of quality control and supplier should produce the process and certificate from the manufacturers.
- The supplier will be responsible for service, maintenance, replacement, etc. against any complaints up to the satisfactions of the users irrespective of the location of manufacturing unit.
- The lead time of all equipment's should not be more than 6 weeks after confirmation of written supply order.
- The supplier must ensure the availability of on- call service agent from state headquarters within 48 hours, from local within 24 hours, from outside state within 7 days and incase the problem is not



rectified on site at the time of service, then it need to be rectified within next 7 days for minor defects and within 28 days for major defects.

- The equipment's should have three years comprehensive warranty and two years of extended comprehensive warranty.
- Equipment's should include a Hard Carrying Case and study questions, Dos and Dont's, maintenance guide, use of equipment's, background information, transparencies and videotape, user manual with trouble shooting guidance, technical manual with maintenance and first line technical intervention instructions and any other relevant teaching / training materials, in English.
- The equipment's should have detailed information of the device features, functions, detection capabilities, method of operation, materials, alarm capabilities, software, specifications and operating ranges, power source, parameter detection ranges, etc wherever applicable. This description should contain engineering drawings, pictures, and all devices labeling, such as instructions for use and promotional materials.
- The equipment's should have additional accessories as listed and also material / gel / oil to avoid friction and enhance smooth function, list of accessories & spare parts with cost & contact details of its supplier.
- The payment of the equipment's is linked with installation at consignee address, demonstration to service providers at consignee address and certification of installation and functionality by the head of the concerned department.
- The supplier / manufacturer should list the name and address of technical service providers in India.
- The equipment's should have power cord wherever required, temperature electrode and fittings with at least 10 meters of standard wire and accessories
- All equipment's should have device safety certification.

**Theme 1: Antenatal Care:**

Skill station: Antenatal abdominal palpation and auscultation of fetal heart sound.

**1.1. HUMAN FETUS REPLICAS:**

Features:

- Human fetus replicas should be very close to real.
- Human fetus replicas should have actual size showing external development and growth of the fetus for corresponding gestational age
- Human fetus replica should be available to represent different gestation period- 5th and 7th month.
- Human fetus replicas should have features, color and skin texture simulating Indian babies.
- Human fetus replicas should be feasible for teaching external development and growth of the fetus.
- Human fetus replicas should be flexible enough to fit inside the abdominal palpation mannequin while demonstrating the leopard maneuver during pregnancy.

**1.2. ABDOMINAL PALPATION MANNEQUIN FOR LEOPOLD MANEUVERS DURING PREGNANCY**

Features:

- The abdominal palpation mannequin should have full size adult female lower torso (abdomen and pelvis).
- The abdominal palpation mannequin should have a one-piece full term fetus with palpable fontanelles, spine, shoulders, elbows, and knees..

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- The abdominal palpation mannequin should have upper and lower inflatable cushions with independent inflating devices in the abdominal part of the mannequin.
  - Lower cushion when inflated should raise the fetus to desired position.
  - Upper cushion when inflated should create a firm abdomen as in the ninth month of pregnancy
- The abdominal mannequin should be able accommodate the fetus in vertex, breech, or transverse positions.
- The abdominal mannequin should have the facility to accommodate the fetus of different gestational age, demonstrate vertex / Breech / transverse position delivery, and attach the perineum to demonstrate the episiotomy repair.

## 2. Dictaphone:

- Dictaphone should be able to give a simulation of fetal heart sound.
- Dictaphone should have 4GB Digital Voice Recorder
- Dictaphone voice recorder should work for recording digitally all the voices and reproduce it with good quality sound.
- Dictaphone should have different recording settings.
- Dictaphone should have digital pitch control / facility for different Scene Selection.
- Dictaphone should have Intelligent Noise Cut / Low Cut Filter / Digital VOR.
- Dictaphone should have Linear PCM / MP3 / WMA / AAC Playback.
- Dictaphone should have Track Mark.

## Theme 2: Infection Prevention Skill station: Sterilization AUTOCLAVE:

- The autoclave should be of 20 L capacity and must be Stand-Alone Bench Top autoclave.
- The autoclave should have automatic single door, self-sealing with high-quality silicone gasket.
- The autoclave should have chamber diameter 25 cm, depth 45 cm.
- The autoclave should have pre-set automatic cycles for unwrapped instruments, wrapped instruments / packs;
- The autoclave should have slow exhaust and drying cycles.
- The autoclave should have two automatic programs, which are 2.2 bar at 134°C and 1.1 bar at 121°C.
- The autoclave should be fitted with 5 L water reservoir - could be manually filled, automatic for at least 10 cycles
- The autoclave should have auto power shut- off upon completion of each cycle.
- The autoclave should have 3 removable shelves, instrument trays and double safety door locking device
- The autoclave should have safety feature to protect against over-pressure and over- temperature
- The autoclave should have audible and visual alert upon cycle interruption or completion
- The autoclave should have unwrapped cycle time: cold 30 min, hot 20 min.
- The autoclave should have control panel with alpha-numerical display and cycle indicators.
- The autoclave should have air vents situated laterally and need to be manually closed after sterilization.
- TST (temperature steam time) control spot must be self-adhesive and the color changes must be irreversible when sterilized, attachable to steam sterilizing containers.
- Power requirement for the autoclave must be 220 V / 50 Hz single phase.
- Power consumption of autoclave not more than 3000 W.

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- The autoclave should have device safety certification according CE 93 / 42, FDA 510k or equivalent.
- Additional accessories:
  - Set of 3 matching instrument baskets
  - Set of 3 matching sterilizing drums
  - 3 roll of sterilization indicator TST control spots
  - 3 boxes paper sheet and crepe for sterilization pack
  - 3 rolls of adhesive tape for sterilization pack
  - 10 spare set of fuses
  - 1 box TST (temperature steam time) control spot, (box of 500 TST), plus 1 record sheet
  - 2 Stainless steel cylindrical sterilizing drum of 165mm diameter
    - Thickness steel: 0.8 mm
    - Diameter, approx: 165 mm
    - Height, approx: 100 mm

**Theme 3: Family Planning Skill Station:**

- 3.1 Interval IUCD
- 3.2 Postpartum IUCD

**3.3 HAND HELD UTERUS MANNEQUIN:**

- Hand held uterus model should show coronal section of uterus, ovaries and fimbriae
- Hand held uterus model should have a clear plastic window permitting easy view of IUD
- Hand held uterus model should be Made of PVC.

**3.4 FEMALE LOWER TORSO MANNEQUIN WITH NORMAL AND POSTPARTUM UTERUS AND ACCESSORIES.**

- Should have full size adult female lower torso (abdomen and pelvis) with relevant internal landmarks
- Should have palpable normal and pregnant uteri with realistically sculpted and anatomically accurate ovaries and fimbriae
- Should have accessories to enhance visual recognition of normal and abnormal cervixes
- Should have removable introits
- Should have "screw" design between Uterus and Cervix for fast and easy change-out
- Should be suitable for teaching / practicing bi- manual pelvic examination
- Should be suitable for vaginal examination, including insertion of speculum, uterine sounding and IUD insertion & removal
- Should have distal end of vagina to facilitate introduction of a female condom
- Should have features to demonstrate Minilaparotomy (both interval and postpartum tubal occlusion), Manual vacuum aspiration (MVA), visual recognition of normal and abnormal cervixes, 48 hours postpartum fundal massage
- Additional Accessories:
  - One anteverted uterus
  - One retroverted parous uterus
  - Five normal cervixes
  - Four abnormal cervixes
  - Ten fallopian tubes
  - 2 x 48 hour postpartum uterus with 'duckbill' cervix and fallopian tubes.
  - 2 Extra locking pins and thin cervical locking ring

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**Theme 4: Intranatal care Skill Station:**

- i) Pelvic examination includes cervical dilatation and pelvic assessment.
- ii) Normal Delivery
- iii) AMTSL & Checking placenta
- iv) Initial dose of MgSO<sub>4</sub> for severe pre-eclampsia / eclampsia management.
- v) Episiotomy repair
- vi) Initial Management of atonic PPH
- vii) Complicated delivery (Twin, breech, shoulder dystosia, ventose and Forceps)

**4.1. CHILD BIRTH SIMULATOR ALONG WITH ATTACHMENT FOR CERVICAL DILATATION (CLOSED OS, 4 CM, 6CM, 8CM, FULLY DILATED CERVIX)**

**Features:**

- Should have hemi pelvis of adult female with anatomical landmarks like pelvic cavity, spine etc. Should have manual mechanical birthing system to enable the user to control the rotation and speed of fetus delivery etc.
- Should have articulating fetal baby with adaptors to fit with manual birthing system
- Should be versatile to change the position of the fetus during the process of birth including descend, flexion, extension, internal and external rotation, restitution.
- Should have features for training normal and breech deliveries
- Should have Inflatable cushions to lift fetus for Leopold maneuver during pregnancy
- Shall have adaptive birth canal to demonstrate dystocia and deal with its relief
- Should have features to demonstrate cord prolapsed
- Shall allow demonstration and practice of placenta previa
- Should have cervical dilatation attachment for closed Os, 4cm, 6cm, 8cm and fully dilated cervix
- Should have features simulating / represent conditions of the cervix and vagina prior to labor, during labor and at birth in a primigravid woman
- Additional Accessories :
  - One detachable padded stomach cover
  - Detachable Manual mechanical birthing system with mounting flange
  - One fully articulating fetal baby with adaptors to fit with manual birthing system
  - One elevating cushion for Leopold maneuvers
  - 6 detachable dilating cervices
  - 6 detachable Vulva
  - 9 vulvar inserts
  - 6 placentas
  - 9 umbilical cords
  - One 48 hour postpartum uterine activity assembly
  - One postpartum perineal insert
  - Reusable episiotomy repair module (set of 3 including medial tears, mediolateral tears and standard mediolateral episiotomy)
  - 2 sets cervical dilatation attachment for closed Os, 4cm, 6cm, 8cm and fully dilated cervix .

**4.2 POSTPARTUM SUTURING TRAINER**

- Should enable use of standard needle holder with “00” or “000” chromic sutures
- Should have three separate modules for episiotomy
- Should have one model featuring medial episiotomy with tears in labia-minora



- Should have one model featuring mediolateral episiotomy with peri-urethral tears
- Should have one model featuring standard episiotomy
- Should have features to attach with child birth simulator
- Additional accessories:
  - 3 nos. of medial episiotomy model with tears in labia-minora
  - 3 nos. of mediolateral episiotomy model with peri-urethral tears
  - 3 nos. of mediolateral episiotomy model

#### **4.3 MANNEQUIN FOR SIMULATION AND MANAGEMENT OF PPH:**

- The mannequin should be highly realistic for simulating postpartum hemorrhage
- The mannequin should have features to manually control the amount of bleeding and the conditions of uterus.
- The mannequin should have features to control dilation of the cervix.
- The mannequin should have the following
  - Full term fetus with placenta and umbilical cord
  - Blood concentrate
  - Fluid collection tray
  - Fluid drain
  - Urine catheter
  - - 20 ml syringe
  - - Carrying bag
- The mannequin should have features for training the following
  - Urine catheterization
  - Normal delivery
  - Complete and Incomplete placenta delivery
  - Oxytocin injection
  - Controlled cord traction
  - Bimanual compression of uterus

#### **4.4 INTRAMUSCULAR INJECTION TRAINING MANNEQUIN**

- Intramuscular injection training mannequin should have a lifelike human lower torso with intramuscular injection site in upper outer quadrant of palpable gluteal region on both side (left and right).
- Intramuscular injection training mannequin should have facility for detaching the upper portion and illustrating the anatomical details of posterior side of the simulator, deep anatomic structure of the head of femur, the shaft of femur, the sciatic nerve, deep layers of muscles, major blood vessels and aspect of bony pelvis underlying the gluteus muscles - at any one side - by hand painted or molded as relevant.
- Intramuscular injection training mannequin should have Intramuscular injection in ventrogluteal site below iliac crest on both side(left and right)
- Intramuscular injection training mannequin should have facility for giving Intramuscular injection in lateral thigh at any one side

#### **Theme 5: Complication Management (MNH)**

Skill Station:

- i) CAB approach

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ii) Management of Shock (IV catheterization and Urinary catheterization)

**5.1 ADULT CPR MANNEQUIN**

- Adult CPR mannequin should have features to demonstrate opening of airway, head tilt / chin lift and jaw thrust techniques.
- Adult CPR mannequin should have disposable airways
- Adult CPR mannequin should have removable, reusable faces
  
- Adult CPR mannequin should have a “clicker” which confirms correct compression depth
- Adult CPR mannequin should have compression spring for consistent resistance
- Adult CPR mannequin should have weight: 3.9 kg and H x W x D: 25 in x 8.5 in x 13.5 in
- Additional Accessories:
  - 6 reusable mannequin faces
  - 6 airways
  - 50 mannequin wipes

**5.2 ADULT IV TRAINING ARM KIT**

- Adult IV training arm should have full adult arm with clenched fist and tournique position
- Adult IV training arm should be suitable for practicing IV injections
- Adult IV training arm should have prominent venous network
- Adult IV training arm should have anatomically located venous grooves, fitted with soft latex tubes, closely simulating consistency of human veins
- Adult IV training arm must have a pliable translucent latex skin stretched over venous network
- Adult IV training arm should have cephalic, basic, antecubital, radial, and ulnar veins
- Adult IV training arm should have veins in dorsum of hand
- Adult IV training arm should feature ‘realistic pop’ as needle enters vein
- Adult IV training arm must have a Smoked Lucite base with metal stand
- Adult IV training arm veins and skin must be replaceable
- Additional Accessories:
  - 4 set of kit with simulated blood concentrate, pressure bulb, blood dispensing bag
  - 4 sets of spare arm skin for future replacement.

**5.3 FEMALE CATHETERIZATION MANNEQUIN**

- Female catheterization mannequin should have adult female lower torso with realistic vulval area and urethral opening.
- Female catheterization mannequin must have internal bladder reservoir for standard catheterization exercises
- Female catheterization mannequin should have external reservoir bladder mounted on Smoked Lucite with metal stand
- Female catheterization mannequin should have modular urethral valve to prevent fluid leakage
- Female catheterization mannequin should have inflatable internal bag to lift the bladder anteriorly
- Female catheterization mannequin should have detachable upper skin to show bladder, inflatable bag and foam
- Female catheterization mannequin should show connection to bladder and vagina with locking ring and rectum

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- Female catheterization mannequin should have removable urinary assembly
- Additional Accessories :
  - 6 spare bladder tanks
  - 6 urethra inserts

**Theme 6: Essential Newborn care Skill Stations:**

- i) Essential New Born Care
- ii) New Born Resuscitation
- iii) KMC
- iv) Measurement of Body Temperature -Newborn
- v) Radiant Warmer
- vi) Use of Suction machine
- vii) Setting up an IV line on child arm
- viii) Inserting NG Tube
- ix) Phototherapy
- x) Glucometer
- xi) Oxygen administration
- xii) Nebulization and Multi dose inhaler

**6.1 ESSENTIAL NEW BORN CARE & RESUSCITATION MANNEQUIN**

- The Newborn mannequin should be realistic in size and appearance and also natural weight, feel and touch.
- Newborn mannequin should have features for training essential newborn care (ENBC) and newborn resuscitation.
- Newborn mannequin should facilitate effective bag and mask ventilation, chest must rise only with correct technique.
- The newborn mannequin should include the following:
  - Squeeze bulbs for simulation of cord pulsation, spontaneous breathing, auscultation of heart sound and cry.
  - Additional Accessories:
    - 4 External umbilical cords and 6 umbilical ties
    - 4 baby sheets or towels
    - 2 Head cap
    - 2 Neonatal mucus sucker (easy to open, clean, autoclavable and reusable)
    - 2 Training Stethoscope.

**6.2 NORMAL NEW BORN BABY MANNEQUINE (KMC)**

- Newborn mannequin should weigh close to normal newborn (2.5 - 3.5 kgs)
- Newborn mannequin should have actual size showing external development & growth
- Newborn mannequin should be close to normal skin colour, texture and bony feel
- Newborn mannequin should have moving head, flexible upper and lower limbs
- Newborn mannequin should have baby cap, nappy, mittens, socks, Kangaroo Mother Care (KMC) dress / shawl / bed sheet (for wrapping the mother and baby)

**6.3 DIGITAL THERMOMETER (MEASUREMENT OF BODY TEMPERATURE)**

Digital thermometer should have

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- Celsius scale switchable to Fahrenheit
- Measurement range between: 32°C to 43°C
- Accurate measurement: + / - 0.10°C between 32°C to 43°C
- Liquid crystal display, easy to read
- Features to support manual switch on, with beep sound after the temperature is measured and Auto switch off after 10 seconds
- Water proof and easy to clean
- Battery powered
- Low battery indicator
- Certification of safety according CE 93 / 42, FDA 510k or equivalent
- Must be safe to use, no glass, no mercury
- Additional Accessories:
  - 5 x Nickel Cadmium battery

#### **6.4 RADIANT WARMER**

- Should have O2 cylinder provision
- Should have mobile newborn resuscitation table with fixed-height radiant warmer
- Should have side trays for accessories
- Should have side trays for accessories
- Should have four antistatic castors (Wheels) and 2 wheels with breaks
- Should have table surface with mattress with infant head / shoulder support
- Mattress-padding should have foam density approx. 21 - 25 kg / m<sup>3</sup>
- Mattress cover should be removable with zipper, waterproof, washable, resistant to cleaning with chlorine based solution and flame retardant
- Side boards should be transparent acryl, drop down and lockable
- Hood suspended above the table should integrate heating element and overhead light
- Overhead light should have 2 x 50W halogen spot, with dimming function
- Heating element should have emitter with parabolic reflector and protected by metal grid and should be with high quality heating element like ceramic
- Control unit should allow air and skin temperature preset (LCD indicator / Digital Indicator) and radiant heater output (servo and manual)
- Display should report system errors, sensor failure, shock proof with auto regulation for temperature maintenance.
- Power requirement: 220 V / 50 Hz
- Power consumption: 800 W
- Should have electronically controlled sensors ( Skin & Air) with digital display for temperature
- Should also have separate sensor for continuous digital display of room temperature
- Should have heavy duty and rust proof metal body
- Should have servo and manual control facility
- Should have SET temperature display on FND / LCD by mode selection
- Must have all modes and timer display on LCD
- Should have all safety alarms - visual display on LCD
- Should have Skin sensor fail alarm

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- Additional Accessories :
  - 3 - mattress
  - 6 - spare skin temperature probe (including connection cable)
  - 3 - spare heating element
  - 10 - spare set of fuses
  - Power cord and fittings with at least 10 meters of wire

### 6.5 ELECTRICAL SUCTION MACHINE

- Should have housing and Base: MS Powder coated cabinet with Stainless Steel top
- Should be mounted on bearing castor wheels with brakes, completed with pressure regulator ½ H.P motor
- Should have capacity: 0-700 mm Hg ± 10 regulatable, flutter free vacuum control knob (pressure regulator), 25 Ltrs / min
- Should have single rotary vane pump or other equivalent pump
- Should have wide mouthed 2 x 2 Liter jar (Polycarbonate) with self-sealing bungs and mechanical over flow safety device.

Should have 8 mm ID x 2 meter tubing (non- collapsible tube with adaptors-PVC)

- Should have bourden type 6.5cm Diameter, 0-760 mm Hg calibration Vacuum Gauge
- Power should be 230 V, 50 Hz, 2 ± 0.5 Amps, 200 watts. (110 V on request)
- Should have Noise Level: 50 dB A ± 3
- Should have 43 x 30 x 68 cms dimension and weight of 27Kgs
- Should have safety certification according CE 93 / 42, FDA 510k or equivalent.

### 6.6 FOOT-OPERATED SUCTION MACHINE

- Should have high performance suction pump for pharyngeal and tracheal suction
- Should have double acting piston pump providing a combination of large airflow and high vacuum
- Should have see-saw movement of pedal that generates suction every time, one side of the pedal is depressed
- Should have pump chassis complete with valve diaphragms, manifold pipe, bottom cover, cylinder with draw link and valve diaphragm, piston O-ring, pedal with retaining springs, aspirating tube with angle connector and combination suction tip
- Should have pump which can be totally disassembled, is easy to clean and disinfect
- All parts should be autoclaved at 1210C
- Should have Vacuum maximum of 600 mmHg
- Should create free airflow at two pumping strokes per second, approximately 30 to 40 L / min.
- All the parts should be made of high-strength, long-life materials, not requiring specific maintenance or storage
- Should have transparent polycarbonate collection container capacity, approximately 1 liter
- Should have thermoplastic rubber bottom cover
- Manifold pipe: polypropylene gasket, O-rings and valve diaphragm: silicone rubber
- Should have teflon piston rings
- Should have aluminum foot pedal
- Additional Accessories:

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- o 3 set of silicone rubber suction tubing, approx: diam. 10 mm, length 1.5 m
- o 3 angle connector and combination acetal suction tip
- o 2 spare valve diaphragms
- o 2 spare piston O-ring
- o 2 spare retaining springs

**6.7 PEADIATRIC IV ARM KIT**

- Should have pediatric arm
- Should have replacement skin and multi-vein system
- Should have simulated blood pack
- Should have blood bag with tubing and connector
- Should have clamp and hook
- Should have 5 syringes
- Should have mannequin lubricant
- Additional Accessories:
  - o 5 - replacement skin
  - o 5 - multi - vein system
  - o 3- simulated blood pack
  - o 3 - blood bag with tubing and connector
  - o 3- lubricant

**6.8 OG TUBE INSERTION MANNEQUIN:**

- Should look like 0-8 weeks old and Caucasian colour
- Should have soft and flexible and replaceable face skin and upper body skin
- Should offer OG exercises to demonstrate tube feeding and gastric suction
- Placing NP / OP tubes must be possible
- Should have markings for ear canal
- Should have removable internal parts

**6.9 PHOTOTHERAPY UNIT:**

- Phototherapy unit should have heavy sturdy mobile stand
- Should have four antistatic castors, 2 with breaks
- Should have single head with surface size approximately: 0.50 x 0.75 m
- Should have head height adjustable approximately 1.40 to 1.75 m
- Should have blue light with 4 Compact Fluorescence Tubes (CFL) approximately: 20 W
- Should have white light with 2 Compact Fluorescence Tubes (CFL) approximately: 20 W
- Should have grills to protect the tubes
- Should have infant table surface with foam padded mattress with density approximately 21-25 Kg / m<sup>3</sup> with infant head / shoulder support and
  - o Mattress cover should be movable, with zipper, waterproof, washable, resistant to cleaning with chlorine based solution and flame retardant
  - o Infant table should have side boards transparent acryl, drop down and lockable
- Should be Irradiant at skin level, up to: 40 UV / cm<sup>2</sup> / nm
- Should have wavelength: 420 to 500 nm, with highest intensity at 470 nm integrated cumulative hour timer;

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- The power requirement not more than 220 V / 50 Hz; and power consumption not more than: 250 W
- Phototherapy unit should have device safety certification according CE 93 / 42, FDA 510k or equivalent
- Additional Accessories:
  - 6 spare blue CFL tubes
  - 3 spare white CFL tube
  - 10 spare set of fuses

#### **6.10 GLUCOMETER**

- Should have direct reading and photometry determination of total amount of glucose in whole blood
- Should have 'switch on' and auto 'switch off'
- Should indicate automatic zero while switching on the glucometer.
- Should have automatic indication showing readiness for receiving of blood through strips
- Should have dual wavelength measurement, 660 and 840 nm
- Sample size: one drop of whole blood on disposable cuvette
- Measuring time, approximately: 10 seconds
- Measuring range, approximately: 0 to 20 mmol / L or 0 to 400 mg / dl
- Should have accuracy equivalent to laboratory spectrophotometer
- Should have large LED display readable in low light working situations, display cover durable plastic display in mmol / L and mg / dl, easy switch between both measurements
- Memory for at least 100 previous tests
- Device is safety certified according CE 93 / 42, FDA 510k or equivalent
- Additional Accessories:
  - 10 x box of 100 cuvettes
  - 10 x box of 100 sterile lancets
  - 3 x cleaning set
  - 3 x calibration set
  - 3 x dust cover
  - 3 x storing case
  - 10 x spare set of fuses

#### **6.11 OXYGEN ADMINISTRATION (OXYGEN CONCENTRATOR)**

- Oxygen concentrator to provide oxygen from atmospheric air
- Oxygen concentration measured at the flow meter by oxygen sensing device (OSD)
- Sound level <15 dB
- Superior grade of molecular sieve with an indicator / sensor on the device indicating whether the sieve is functional or non- functional
- Maintenance free rotary proppet valve.
- Oxygen purity approximately 90%,
- Oxygen output approximately: 0 - 5 LPM,
- Pressure approximately: 8 psi
- Double outlet or flow splitter for oxygen delivery
- Oxygen tube of 2 m length with facility for nebulization with tube & mask; with two humidifier bottles and two cabinet filters

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- Power requirements: 220 V / 50 Hz
- Power consumption: 450 W
- Device is safety certified according CE 93 / 42, FDA 510k or equivalent
- Additional Accessories:
  - 3 spare set of tubing
  - 3 spare set of internal and external filters (bacterial);
  - 10 spare set of fuses

#### **6.12 OXYGEN ADMINISTRATION (OXYGEN HOOD)**

- Should have round shape 3 - Medium size, approximately height 22 cm, diameter 25 cm, 3 small size, approximately: height 18 cm, diameter 20 cm
- Should be autoclavable polycarbonate
- Should be free from trauma of silicon neck, with adjustment flap
- Should have bilateral oxygen nozzle
- Should have oxygen tube of 2 m length with one spare set of tubing
- Should have port for oxygen sensor
- Device is safety certified according CE 93 / 42, FDA 510k or equivalent

#### **6.13 NEBULIZER**

- Should be easy to use and clean
- Should deliver inhaled steroids, antibiotics and all commonly prescribed broncho-dilators
- Should have features to respond to breathing pattern i.e. to increase release of drug on inspiration and to decrease the wastage of drug on expiration
- Should have mask with different size ( for adult & pediatric)
- Flow rate: 6 lpm rising up to 22 lpm on inspiration
- Additional Accessories:
  - 5 filters,
  - 10 masks (Each Size),
  - 10 mask & mouth piece
  - 5 replacement mesh
  - 5 set tubing,
  - 2 AC / DC adapters,
  - 10 set of batteries

#### **6.14 MULTI DOSE INHALER WITH SPACER**

- The spacer must be of 145ml volume
- The spacer should be 5 -6'' long and 2'' diameter
- The spacer should fit with the inhaler
- It should have silicone one way valve to prevent exhaling air from entering the chamber
- The spacer should be washable, could be sterilized and reusable
- The spacer should be latex free

### **9. RBSK- District Early Intervention Centre's (DEIC):**

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**DEIC- West Garo Hills District, Tura**

Sl.no.	Item name	Qty.
1	Ultra sound cum Echocardiography machine for Padiatric & Neonate	1
2	ECG Machine (12 Lead) 3 channel	1
3	Digital Haemoglobinometer	1
4	Slit Lamp	1
5	LEA Gratings Paddle	1
6	Develpomental Assessment for Indian infants (DASSI)	1
7	Standford Binet (Indian adaptation Kulshreshtra)	1
8	Piagets sensory motor intelligence scale 0-2years	1
9	Paigetian Cognitive Task	1
10	INCLEAN-ASD or Indian Scale for assessment of autism )ISSA)	1
11	NIMHANS battery	1
12	Cerebral Palsy and Neuro Motor impairment INCLN	1
13	Childhood behavioural Checklist (CBCL)	1
14	INCLN Diagnostic tool for Epilepsy IND-T-EPI	1
15	Dyslexia Early Screening Test (DEST for 4-6years)	1

**DEIC- West Jaintia Hills District, Jowai**

1	Ophthalmic Refraction Chair Unit	1
2	Infant and toddler VEP or Visual Evoked Potential	1
3	Pen Touch with yellow light	1
4	Lea Near vision single symbol playing cards	1
5	Lea Symbol near vision card (16 inches/40 centimeter)	1
6	Lea symbol low contrast 10M flip chart	1
7	Lea 3D puzzle	1
8	Hiding Heidi Low Contrast face test serial number 253500: Double sided	1
9	Heidi Expression Test game serial no. 254505	1
10	Occluder glasses	1
11	AAPOS vision screening kit	1
12	Lea Symbols chart for vision Rehabilitation	1
13	Leo learns by doing -DVD for interaction with a vision impaired child	1
14	Mini Spinning fixation globes	1
15	COVD Pediatric Kit - 400444 SKU number	1
16	Lea fixation stick 5 cm	1
17	Canon power shot TX1 digital camera	1
18	Log Mar Charts	1
19	Hand held slit lamp	1
20	Trial Lens set (Paediatric)	1
21	Trial Frame (Children)	1
22	Vision Testing drums	1
23	Illuminated Near Vision Test Drum	1
24	Random Dot Butterfly stereopsis test with protective glass	1

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**16. Instruments and others for AYUSH Hospital**

<b>A</b>	<b>Instruments</b>
16.1	Hospital Uniform (Green and Blue)
16.2	Mugs
16.3	Bucket
16.4	Door mat (anti skid) rubber 2 ft x 5ft
16.5	Floor mop (with handle)
16.6	Supreme Plastic Chair (without Arm)( Supreme)
16.7	Broom (Inside)
16.8	Broom (Outside) (plastic)
16.9	Dustbin Outside(50 L Dual mounted on Pole- Supreme)
16.10	Dustbin Bag (outside) 32" x 36" approx 14 pc per kg (price in per KG)
16.11	Dust Pan
16.12	Dustbin Bag (Office) (18" x 22") approx 40 pcs per kg (price in per KG)
16.13	Hand Wash (200ml)
16.14	Toilet Brush
16.15	Wiper
16.16	Cloth for cleaning floor (24")
16.17	Room Heaters
16.18	Height Scale
16.19	Table Top Weight Scale Digital
16.20	Urinometer
<b>B</b>	<b>Consumables</b>
16.1	Test Tube for Urinometer (per pc)
16.2	Dustbin Bag (30 Kg packing, ~ 20 pc per Kg)
<b>C</b>	<b>Panchkarma</b>
16.1	Droni/Massage Table (Wood) (Crafted from Medicinal Plant Tree Maruth)
16.2	Appropriate stand to fix droni
16.3	Shirodhara stand
16.4	Shirodhara Vessel (Brass)
16.5	Swedan chamber (or Steam Bath Chamber) (sitting)
16.6	Nadi Swedan Yantra with hose pipe
16.7	Footstool for Droni Table (wooden)
16.8	Naysa Karma Chair
16.9	Vamana Char
16.10	Shirovasti Cap
16.11	Vasti Yantra
16.12	Kaadi Vasti (SS)
16.13	Jaanu Vasti (Knee set)
16.14	Uttara Basti Yantra for (males/females)
16.15	Mathra Vasti Syringe
16.16	Awagaha Bath (Spine Bath)
16.17	Heating facilities (induction)
16.18	Heating Pan
16.19	Bed Pan (male/female)

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16.20	Kifney trays
16.21	Steam pack
16.22	Pressure cooker with autoclave (10 litres)
16.23	Small Pillow covered with rexin sheet
16.24	Knife
16.25	Scissor
16.26	Hot water facility-Electric Kettle with tap
16.27	Foot Bath Bowl Copper
16.28	Panchkarma Accessries: Kindi with handle, Thannikinnam, Oil bowl, Bowl with handle, Thavi, Mortar & Pestle, Lotta, Polished Varpu (5"), Nasya Yanthram, Incense burner, Nilavilakku (lamp) 12", Chattukam, Polished Uruli (3"), Unpolished Uruli (12" dia), etc.
<b>D</b>	<b>Disposable Items</b>
16.1	Disposal items for male wear (100 pc)
16.2	Disposal items for female wear (100 pc)
16.3	Hand Towel Small (100 pc)
16.4	Bath Towel (100 pc)
<b>E</b>	<b>OT instruments</b>
16.1	<b>OT instruments Set (Described Below)</b>
16.2	Artery Forcep St. & Curved S.S.6"
16.3	Needle Holder 6 "
16.4	Scissor Pointed Sharp 6"
16.5	Mosquito Foecep 12.5 cm St. curved
16.6	Epistomy Scissor 6"
16.7	Stitch cutting Scissor 6"
16.8	Allies Forcep 6"
16.9	Mayo's Scissor 6"
17	Sponge Holding Foecep 8"
17.1	Cheatle Forcep 8"
<b>F</b>	<b>Uttarabasti</b>
16.1	Hot water bag
16.2	Kidney tray
16.3	Sims speculum
16.4	Anterior Vaginal wall retractor
16.5	Vulsellum
16.6	Uterine sound
16.7	Swab holder
<b>G</b>	<b>Raktamokshana</b>
16.1	Storage Aquarium for fresh leeches: 20 L
16.2	Glass container (1 litre capacity)
16.3	Surgical tray
16.4	Mixer machine commercial Grade
<b>H</b>	<b>Surgical Instruments</b>
16.2	Scissors SS medium size
16.4	Knife (Carilage) medium
<b>I</b>	<b>Consumables</b>
16.1	Tape (White)
16.2	Bandage (7.5 cm / 12 pcs) Gauge

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# MEGHALAYAN MEDICAL DRUGS & SERVICES LIMITED



Government of Meghalaya

Department of Health & Family Welfare,  
DHS Complex, Laitumkrah, New Colony,  
Shillong - 793003,  
East Khasi Hills,  
Meghalaya - 793003  
+91-9863033404 / 9863048955  
meghmdsl@gmail.com

<b>J</b>	<b>Physiotherapy</b>
16.1	Shoulder cum elbow cycle
16.2	Shoulder pulley set
16.3	Iron dumbbells of different weight
16.4	Static Cycle exerciser
16.5	Leg Exercise
16.6	10 Ft. Folding Ladder

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**52. TECHNICAL BID:**

**Annexure – II**

Item No.	Name of Items	UNIT	Name of Manufacturer	Indian / Imported/ Country of origin	Samples/ Catalogues and Compliance certificate YES/NO	Deviation to specifications if any with reason
1	2	3	4	5	6	7
1	<b>Radiation Oncology Civil Hospital Shillong</b>					
1.1	HDR Brachytherapy Machine	EACH				
1.2	Turnkey Work Brachy wing at CHS:	EACH				
2	<b>ENT, Civil Hospital Shillong</b>	EACH				
2.1	Advanced ENT Operating Microscope	EACH				
3	<b>ENT Equipment and instruments (WKH-MCH)</b>	EACH				
3.1	E.N.T. Operating Microscope with camera system	EACH				
3.2	<b>Instruments for Ear Surgery</b>					
3.3	Tumarkin Meatal Speculum- tapered slot, 11mm distal tip diameter, distal slot width 6mm	EACH				
3.4	Tumarkin Meatal Speculum- tapered slot, 8.5mm distal tip diameter, distal slot width 4.5mm	EACH				

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3.5	Tumarkin Meatal Speculum- tapered slot, 7.5mm distal tip diameter, distal slot width 3.5mm	EACH				
3.6	Tumarkin Meatal Speculum- tapered slot, 6.5mm distal tip diameter, distal slot width 3mm	EACH				
3.7	Tumarkin Meatal Speculum- tapered slot, 7mm distal tip diameter, distal slot width 3mm	EACH				
3.8	Tumarkin Meatal Speculum- tapered slot, 4.5mm distal tip diameter, distal slot width 3mm	EACH				
3.9	Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 5 mm Outer diameter	EACH				
3.10	Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 6 mm Outer diameter	EACH				
3.11	Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 7 mm Outer diameter	EACH				



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3.12	Hartmann Aural forcep (Crocodile type)- 75mm to shoulder serrated Jaw	EACH				
3.13	Hartmann Aural forcep (Crocodile type)- 75mm to shoulder, round cutting Jaw					
3.14	Hartmann Aural forcep (Crocodile type)- 80mm to shoulder, serrated Jaw	EACH				
3.15	Faraboeuf Periosteum elevator- 150mm length, 13 mm wide, curved					
3.16	Faraboeuf Periosteum elevator- 115-117mm length, 11 mm wide, curved	EACH				
3.17	Freer elevator, double ended- 200mm					
3.18	Wullstein self retaining retractor solid blade left teeth	EACH				
3.19	Wullstein self retaining retractor solid blade right teeth					
3.2	Wullstein Post Aural Retractor- 3X3 sharp Prongs 110 mm length	EACH				
3.21	Schuhknecht Post aural retractor-3 X 3 sharp prongs curved 130mm length					



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3.22	Plester Retrctor-2X2 prongs 130lenth	EACH				
3.23	Rosen round knife- 45 degree Angle 2.0mm tip, Shaft 160mm	EACH				
3.24	Micro Raspatory- 160mm length	EACH				
3.25	Plester flag knife- 165mm length	EACH				
3.26	Plester Sickle knife- 165 mm length	EACH				
3.27	Wullstein Needle- straight, sharp, 165 mm length	EACH				
3.28	Wullstein Needle- Gentle curve, sharp 165mm length	EACH				
3.29	Wullstein Needle- Strong curve, Sharp, 165mm length	EACH				
3.3	Wullstein Needle- Strong curve, blunt, 165mm length	EACH				
3.31	Micro pick 90 degree angled 165mm length 0.2mm	EACH				
3.32	Micro pick 90 degree angled 165mm length 0.4mm	EACH				
3.33	Micro pick 90 degree angled 165mm length 0.8mm	EACH				
3.34	Micro pick 90 degree angled 165mm length 1.5m	EACH				



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3.35	Belluci Micro ear scissors- straight, Right & Left Curved 4mm blade, 80 mm length	EACH				
3.36	Shea- Belluci micro ear scissors- straight, Right & Left Curved 8mm blade, 80 mm length	EACH				
3.37	Dieter Malleus Nipper- 80 mm, up biting	EACH				
3.38	Micro ear forcep oval cupped jaw straight 80mm,shaft 1.5mm thick	EACH				
3.39	Fisch Micro Ear forcep – serrated 0.6X 4mm 80 mm length, shaft 1.5mm	EACH				
3.40	Fisch perforator 160 mm length, diameter 0.3mm	EACH				
3.41	Fisch perforator 160 mm length, diameter 0.5mm	EACH				
3.42	House curette double ended, sharp, curved, round cup 1.2mm, 170mm	EACH				
3.43	House curette double ended, sharp, curved, oval cup 1.8mm, 170mm	EACH				



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3.44	House curette double ended, sharp, curved, oval cup 2.2mm, 170mm					
3.45	Verhoven suction adapter with tip- all sizes (14,16,18,20,22,24)	EACH				
3.46	Mayo scissor medium	EACH				
3.47	Mayo scissor small	EACH				
3.48	Ball Probe	EACH				
3.49	Drum Elevator					
3.50	House Gel foam pressure forcep large platform 30mmX30mm	EACH				
3.51	SS Instrument case with silicon racks for storage and sterilization of delicate instruments, 200x 140 mm or to hold 10 micro instruments	EACH				
4	<b>Instruments for Nose Surgery</b>	EACH				
4.1	Killians nasal speculum 6.5cm	EACH				
4.2	St clair thompson nasal speculum					
4.3	Thudicum nasal speculum	EACH				
4.4	Hartmanns nasal speculum 39cm					
4.5	Suction elevator with stillet	EACH				
4.6	Tileys forcep	EACH				
4.7	Lac's tongue depressor (adult and child sizes)	EACH				





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4.8	Heymann turbinectomy scissor straight	EACH				
4.9	Heymann turbinectomy scissor angled	EACH				
4.10	Luc's nasal turbinectomy forcep small	EACH				
4.11	Luc's nasal turbinectomy forcep big	EACH				
4.12	Killian's bayonet shaped nasal gauge	EACH				
4.13	Mallet	EACH				
4.14	Skin hook single	EACH				
4.15	Skin hook double	EACH				
4.16	Lemperts suction & irrigation tube (1-4)	EACH				
4.17	Catpaw retractor	EACH				
4.18	Sterlization/Disinfection Tray with sieve tray to lift. Size: 27"x7"x5"(LxBxD)	EACH				
5	<b>Tracheostomy instruments</b>	EACH				
5.1	Ribbon right angled retractors	EACH				
5.2	Straight pointed dissecting forceps	EACH				
5.3	Cricoid hook blunt & sharp	EACH				
5.4	Tracheal dilator small & large	EACH				
5.5	Metallic suction tube	EACH				
5.6	Jackson tracheostomy tube all metal all sizes	EACH				



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6	<b>Foreign Body Removal Instruments</b>	<b>EACH</b>				
6.1	Metallic hypopharyngoscope with fibre optic light source carrier for CHILD	<b>EACH</b>				
6.2	Metallic hypopharyngoscope with fibre optic light source carrier for ADULT	<b>EACH</b>				
6.3	Metallic laryngeal suction tube 25cm with stillet	<b>EACH</b>				
6.4	Metallic laryngeal suction tube 35cm with stillet	<b>EACH</b>				
6.5	Laryngo-oesphago-brochoscope foreign body removal forcep 45cm	<b>EACH</b>				
6.6	Laryngo-oesphago-brochoscope foreign body removal forcep 55cm	<b>EACH</b>				
7	<b>Sterlization/Disinfection Tray: Disinfection/Sterlization tray with sieve tray to lift. Size: 27"x7"x5"(LxBxD)</b>	<b>EACH</b>				
8	<b>Fibreoptic ENT Operating Headband with Cable</b>	<b>EACH</b>				
9	<b>Suction Machine</b>	<b>EACH</b>				
10	<b>General ENT OPD INSTRUMENTS</b>	<b>EACH</b>				
10.1	Bull's eye lamp	<b>EACH</b>				
10.2	Headmirror	<b>EACH</b>				
10.3	Surgical tray with lid 14" x 10"	<b>EACH</b>				
10.4	Kidney tray 8" x 10"	<b>EACH</b>				
10.5	Thudicum nasal speculum					
10.6	Lac's Tongue depressor	<b>EACH</b>				



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11	NCD Equipment and test kit	EACH				
11.1	Ultrasound Therapy with Trans electric nerve stimulator (TENS)	EACH				
11.2	Pap Smear for screening of cervical cancer	EACH				
12	<b>ENT Instruments for Jowai-MCH</b>	EACH				
12.1	Otoscope	EACH				
12.2	Nasal Speculum	EACH				
12.3	Torch					
12.4	Tongue depressor	EACH				
12.5	Indirect Laryngeal mirror	EACH				
12.6	45° Endoscope (Rigid)	EACH				
12.7	75° Endoscope (Rigid)	EACH				
12.8	0° Endoscope (4mm)	EACH				
12.9	0° Endoscope (2.7mm)	EACH				
12.10	Head light	EACH				
12.11	Foreign body hook set (Ear)	EACH				
12.12	Foreign body hook set (Nose)	EACH				
12.13	Rigid Esophagoscope with forceps: 1 small, 1 medium and 1 large	EACH				
12.14	Light source	EACH				
12.15	Monitor	EACH				
12.16	Tracheostomy sets	EACH				
12.17	Suction machine with micro suction	EACH				

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12.18	Myringoplasty Instrument sets	EACH				
12.19	Septoplasty Instrument sets	EACH				
12.20	Tonsillectomy Instrument sets	EACH				
12.21	Tracheotomy sets with Tracheostomy tube: size 6.5, 7.5 and 8	EACH				
12.22	ENT workstation	EACH				
13	<b>Traditional Birth Attendant (TBA) Kit</b>	EACH				
14	<b>Skill Lab Equipments and Mannequins</b>	EACH				
14.1	HUMAN FETUS REPLICAS	EACH				
14.2	ABDOMINAL PALPATION MANNEQUIN FOR LEOPOLD MANEUVERS DURING PREGNANCY	EACH				
14.3	Dictaphone	EACH				
14.4	Sterilization AUTOCLAVE	EACH				
14.5	Interval IUCD	EACH				
14.6	Postpartum IUCD	EACH				
14.7	HAND HELD UTERUS MANNEQUIN	EACH				
14.8	FEMALE LOWER TORSO MANNEQUIN WITH NORMAL AND POSTPARTUM UTERUS AND ACCESSORIES.	EACH				

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14.9	CHILD BIRTH SIMULATOR ALONG WITH ATTACHMENT FOR CERVICAL DILATATION ( CLOSED OS,4 CM, 6CM, 8CM, FULLY DILATED CERVIX	EACH				
14.10	POSTPARTUM SUTURING TRAINER					
14.11	MANNEQUIN FOR SIMULATION AND MANAGEMENT OF PPH					
14.12	INTRAMUSCULAR INJECTION TRAINING MANNEQUIN					
14.13	ADULT CPR MANNEQUIN					
14.14	ADULT IV TRAINING ARM KIT					
14.15	FEMALE CATHETERIZATION MANNEQUIN					
14.16	ESSENTIAL NEW BORN CARE & RESUSCITATION MANNEQUIN					
14.17	NORMAL NEW BORN BABY MANNEQUINE (KMC)					
14.18	DIGITAL THERMOMETER (MEASUREMENT OF BODY TEMPERATURE)					



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14.19	RADIANT WARMER					
14.20	ELECTRICAL SUCTION MACHINE					
14.21	FOOT-OPERATED SUCTION MACHINE					
14.22	PEADIATRIC IV ARM KIT					
14.23	OG TUBE INSERTION MANNEQUIN					
14.24	PHOTOTHERAPY UNIT					
14.25	GLUCOMETER					
14.26	Glucometer Strip					
14.27	Glucometer Lancet					
14.28	OXYGEN ADMINISTRATION (OXYGEN CONCENTRATOR)					
14.29	OXYGEN ADMINISTRATION (OXYGEN HOOD)					
14.30	NEBULIZER					
14.31	MULTI DOSE INHALER WITH SPACER					
15	<b>RBSK- District Early Intervention Centre's (DEIC</b>					
-	<i>DEIC- West Garo Hills District, Tura</i>					
15.1	Ultra sound cum Echocardiography machine for Padiatric & Neonate					



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15.2	ECG Machine (12 Lead) 3 channel					
15.3	Digital Haemoglobinometer					
15.4	Slit Lamp					
15.5	LEA Gratings Paddle					
15.6	Developmental Assessment for Indian infants (DASSI)					
15.7	Standford Binet (Indian adaptation Kulshreshtra)					
15.8	Piagets sensory motor intelligence scale 0-2years					
15.9	Paigetian Cognitive Task					
15.10	INCLEAN-ASD or Indian Scale for assessment of autism )ISSA)					
15.11	NIMHANS battery					
15.12	Cerebral Palsy and Neuro Motor impairment INCLN					
15.13	Childhood behavioural Checklist (CBCL)					
15.14	INCLN Diagnostic tool for Epilepsy INDT-EPI					
15.15	Dyslexia Early Screening Test (DEST for 4-6years)					
-	<b>DEIC- West Jaintia Hills District, Jowai</b>					
15.16	Ophthalmic Refraction Chair Unit					



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15.17	Infant and toddler VEP or Visual Evoked Potential					
15.18	Pen Touch with yellow light					
15.19	Lea Near vision single symbol playing cards					
15.2	Lea Symbol near vision card (16 inches/40 centimeter)					
15.21	Lea symbol low contrast 10M flip chart					
15.22	Lea 3D puzzle					
15.23	Hiding Heidi Low Contrast face test serial number 253500: Double sided					
15.24	Heidi Expression Test game serial no. 254505					
15.25	Occluder glasses					
15.26	AAPOS vision screening kit					
15.27	Lea Symbols chart for vision Rehabilitation					
15.28	Leo learns by doing -DVD for interaction with a vision impaired child					
15.29	Mini Spinning fixation globes					
15.3	COVD Pediatric Kit - 400444 SKU number					
15.31	Lea fixation stick 5 cm					
15.32	Canon power shot TX1 digital camera					
15.33	Log Mar Charts					
15.34	Hand held slit lamp					





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15.35	Trial Lens set (Paediatric)				
15.36	Trial Frame (Children)				
15.37	Vision Testing drums				
15.38	Illuminated Near Vision Test Drum				
15.39	Random Dot Butterfly stereopsis test with protective glass				
<b>16</b>	<b>Instrements and others for AYUSH Hospital</b>				
<b>A</b>	<b>Instruments</b>				
16.1	Hospital Uniform (Green and Blue)				
16.2	Mugs				
16.3	Bucket				
16.4	Door mat (anti skid) rubber 2 ft x 5ft				
16.5	Floor mop (with handle)				
16.6	Supreme Plastic Chair (without Arm)(Supreme)				
16.7	Broom (Inside)				
16.8	Broom (Outside) (plastic)				
16.9	Dustbin Outside(50 L Dual mounted on Pole-Supreme)				
16.10	Dustbin Bag (outside) 32" x 36" approx 14 pc per kg (price in per KG)				
16.11	Dust Pan				
16.12	Dustbin Bag (Office) (18" x 22") approx 40 pcs per kg (price in per KG)				
16.13	Hand Wash (200ML)				
16.14	Toilet Brush				
16.15	Wiper				
16.16	Cloth for cleaning floor (24")				
16.17	Room Heaters				
16.18	Height Scale				



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16.19	Table Top Weight Scale Digital				
16.20	Urinometer				
<b>B</b>	<b>Consumables</b>				
16.1	Test Tube for Urinometer (per pc)				
16.2	Dustbin Bag (30 Kg packing, ~ 20 pc per Kg)				
<b>C</b>	<b>Panchkarma</b>				
16.1	Droni/Massage Table (Wood) (Crafted from Medicinal Plant Tree Maruth)				
16.2	Appropriate stand to fix droni				
16.3	Shirodhara stand				
16.4	Shirodhara Vessel (Brass)				
16.5	Swedan chamber (or Steam Bath Chamber) (sitting)				
16.6	Nadi Swedan Yantra with hose pipe				
16.7	Footstool for Droni Table (wooden)				
16.8	Naysa Karma Chair				
16.9	Vamana Char				
16.10	Shirovasti Cap				
16.11	Vasti Yantra				
16.12	Kaadi Vasti (SS)				
16.13	Jaanu Vasti (Knee set)				
16.14	Uttara Basti Yantra for (males/females)				
16.15	Mathra Vasti Syringe				
16.16	Awagaha Bath (Spine Bath)				
16.17	Heating facilities (induction)				
16.18	Heating Pan				
16.19	Bed Pan (male/female)				
16.20	Kifney trays				
16.21	Steam pack				
16.22	Pressure cooker with autoclave (10 litres)				



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16.23	Small Pillow covered with rexin sheet				
16.24	Knife				
16.25	Scissor				
16.26	Hot water facility- Electric Kettle with tap				
16.27	Foot Bath Bowl Copper				
16.28	Panchkarma Accessories: Kindi with handle, Thannikinnam, Oil bowl, Bowl with handle, Thavi, Mortar & Pestle, Lotta, Polished Varpu (5"), Nasya Yanthram, Incense burner, Nilavilakku (lamp) 12", Chattukam, Polished Uruli (3"), Unpolished Uruli (12" dia), etc.				
<b>D</b>	<b>Disposable Items</b>				
16.1	Disposal items for male wear (100 pc)				
16.2	Disposal items for female wear (100 pc)				
16.3	Hand Towel Small (100 pc)				
16.4	Bath Towel (100 pc)				
<b>E</b>	<b>OT instruments</b>				
16.1	<b>OT instruments Set (Described Below)</b>				
16.2	Artery Forcep St. & Curved S.S.6"				
16.3	Needle Holder 6 "				
16.4	Scissor Pointed Sharp 6"				
16.5	Mosquito Foecep 12.5 cm St. curved				
16.6	Epistomy Scissor 6"				
16.7	Stitch cutting Scissor 6"				
16.8	Allies Forcep 6"				
16.9	Mayo's Scissor 6"				
17	Sponge Holding Foecep 8"				
17.1	Cheatle Forcep 8"				
<b>F</b>	<b>Uttarabasti</b>				
16.1	Hot water bag				
16.2	Kidney tray				
16.3	Sims speculum				



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16.4	Anterior Vaginal wall retractor					
16.5	Vulsellum					
16.6	Uterine sound					
16.7	Swab holder					
<b>G</b>	<b>Raktamokshana</b>					
16.1	Storage Aquarium for fresh leeches: 20 L					
16.2	Glass container (1 litre capacity)					
16.3	Surgical tray					
16.4	Mixer machine commercial Grade					
<b>H</b>	<b>Surgical Instruments</b>					
16.2	Scissors SS medium size					
16.4	Knife (Carilage) medium					
<b>I</b>	<b>Consumables</b>					
16.1	Tape (White)					
16.2	Bandage (7.5 cm / 12 pcs) Gauge					
<b>J</b>	<b>Physiotherapy</b>					
16.1	Shoulder cum elbow cycle					
16.2	Shoulder pulley set					
16.3	Iron dumbbells of different weight					
16.4	Static Cycle exerciser					
16.5	Leg Exercise					
16.6	10 Ft. Folding Ladder					

**Note:**

1. All informations in the above format are mandatory and bidders are requested to furnish the same without fail.
2. All bidders should furnish a catalogue, a physical sample to be furnished as and when requested by the Tender committee, failing which bidder will be disqualified.



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## FINANCIAL BID

## Annexure – III/A

Item No.	Name of Items	UNIT	Basic Price/Unit (in INR) Per Unit in Figure) up to destination	GST Amount to be entered by the Bidder in (INR)	Total Cost/unit (4+5)	Total of Annexure – III/A column '6'	Total of Annexure – III/B column '15'	Combined rate of (7+8)
1	2	3	4	5	6	7	8	9
1	<b>Radiation Oncology Civil Hospital Shillong</b>					NA	NA	NA
1.1	HDR Brachytherapy Machine	EACH						
1.2	Turnkey Work Brachy wing at CHS:	EACH						
2	<b>ENT, Civil Hospital Shillong</b>	EACH				NA	NA	NA
2.1	Advanced ENT Operating Microscope	EACH						
3	<b>ENT Equipment and instruments (WKH-MCH)</b>	EACH				NA	NA	NA
3.1	E.N.T. Operating Microscope with camera system	EACH						
3.2	<b>Instruments for Ear Surgery</b>							



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3.3	Tumarkin Meatal Speculum- tapered slot, 11mm distal tip diameter, distal slot width 6mm	EACH					
3.4	Tumarkin Meatal Speculum- tapered slot, 8.5mm distal tip diameter, distal slot width 4.5mm	EACH					
3.5	Tumarkin Meatal Speculum- tapered slot, 7.5mm distal tip diameter, distal slot width 3.5mm	EACH					
3.6	Tumarkin Meatal Speculum- tapered slot, 6.5mm distal tip diameter, distal slot width 3mm	EACH					
3.7	Tumarkin Meatal Speculum- tapered slot, 7mm distal tip diameter, distal slot width 3mm	EACH					
3.8	Tumarkin Meatal Speculum- tapered slot, 4.5mm distal tip diameter, distal slot width 3mm	EACH					



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3.9	Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 5 mm Outer diameter	EACH				
3.10	Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 6 mm Outer diameter	EACH				
3.11	Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 7 mm Outer diameter	EACH				
3.12	Hartmann Aural forcep (Crocodile type)-75mm to shoulder serrated Jaw	EACH				
3.13	Hartmann Aural forcep (Crocodile type)-75mm to shoulder, round cutting Jaw	EACH				
3.14	Hartmann Aural forcep (Crocodile type)-80mm to shoulder, serrated Jaw	EACH				



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3.15	Faraboeuf Periosteum elevator- 150mm length, 13 mm wide, curved	EACH			
3.16	Faraboeuf Periosteum elevator- 115-117mm length, 11 mm wide, curved	EACH			
3.17	Freer elevator, double ended- 200mm	EACH			
3.18	Wullstein self retaining retractor solid blade left teeth	EACH			
3.19	Wullstein self retaining retractor solid blade right teeth	EACH			
3.2	Wullstein Post Aural Retractor- 3X3 sharp Prongs 110 mm length	EACH			
3.21	Schuhknecht Post aural retractor-3 X 3 sharp prongs curved 130mm length	EACH			
3.22	Plester Retractor-2X2 prongs 130lenth	EACH			
3.23	Rosen round knife- 45 degree Angle 2.0mm tip, Shaft 160mm	EACH			





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3.24	Micro Raspatory- 160mm length	EACH			
3.25	Plester flag knife- 165mm length	EACH			
3.26	Plester Sickle knife- 165 mm length	EACH			
3.27	Wullstein Needle- straight, sharp, 165 mm length	EACH			
3.28	Wullstein Needle- Gentle curve, sharp 165mm length	EACH			
3.29	Wullstein Needle- Strong curve, Sharp, 165mm length	EACH			
3.3	Wullstein Needle- Strong curve, blunt, 165mm length	EACH			
3.31	Micro pick 90 degree angled 165mm length 0.2mm	EACH			
3.32	Micro pick 90 degree angled 165mm length 0.4mm	EACH			
3.33	Micro pick 90 degree angled 165mm length 0.8mm	EACH			



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3.34	Micro pick 90 degree angled 165mm length 1.5m	EACH				
3.35	Belluci Micro ear scissors- straight, Right & Left Curved 4mm blade, 80 mm length	EACH				
3.36	Shea- Belluci micro ear scissors- straight, Right & Left Curved 8mm blade, 80 mm length	EACH				
3.37	Dieter Malleus Nipper- 80 mm, up biting	EACH				
3.38	Micro ear forcep oval cupped jaw straight 80mm,shaft 1.5mm thick	EACH				
3.39	Fisch Micro Ear forcep – serrated 0.6X 4mm 80 mm length, shaft 1.5mm	EACH				
3.40	Fisch perforator 160 mm length, diameter 0.3mm	EACH				
3.41	Fisch perforator 160 mm length, diameter 0.5mm	EACH				
3.42	House curette double ended, sharp, curved, round cup 1.2mm, 170mm	EACH				
3.43	House curette double ended, sharp, curved, oval cup 1.8mm, 170mm	EACH				



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3.44	House curette double ended, sharp, curved, oval cup 2.2mm, 170mm	EACH			
3.45	Verhoven suction adapter with tip- all sizes (14,16,18,20,22,24)	EACH			
3.46	Mayo scissor medium	EACH			
3.47	Mayo scissor small	EACH			
3.48	Ball Probe	EACH			
3.49	Drum Elevator	EACH			
3.50	House Gel foam pressure forcep large platform 30mmX30mm	EACH			
3.51	SS Instrument case with silicon racks for storage and sterilization of delicate instruments, 200x 140 mm or to hold 10 micro instruments	EACH			
4	<b>Instruments for Nose Surgery</b>	EACH			
4.1	Killians nasal speculum 6.5cm	EACH			
4.2	St clair thompson nasal speculum	EACH			
4.3	Thudicum nasal speculum	EACH			
4.4	Hartmanns nasal speculum 39cm	EACH			
4.5	Suction elevator with stillet	EACH			



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4.6	Tileys forcep	EACH			
4.7	Lac's tongue depressor (adult and child sizes)	EACH			
4.8	Heymann turbinectomy scissor straight	EACH			
4.9	Heymann turbinectomy scissor angled	EACH			
4.10	Luc's nasal turbinectomy forcep small	EACH			
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4.12	Killian's bayonet shaped nasal gauge	EACH			
4.13	Mallet	EACH			
4.14	Skin hook single	EACH			
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4.16	Lemperts suction & irrigation tube (1-4)	EACH			
4.17	Catpaw retractor	EACH			
4.18	Sterlization/Disinfection Tray with sieve tray to lift. Size: 27"x7"x5"(LxBxD)	EACH			
5	<b>Tracheostomy instruments</b>	EACH			
5.1	Ribbon right angled retractors	EACH			

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5.2	Straight pointed dissecting forceps	EACH			
5.3	Cricoid hook blunt & sharp	EACH			
5.4	Tracheal dilator small & large	EACH			
5.5	Metallic suction tube	EACH			
5.6	Jackson tracheostomy tube all metal all sizes	EACH			
6	<b>Foreign Body Removal Instruments</b>	EACH			
6.1	Metallic hypopharyngoscope with fibre optic light source carrier for CHILD	EACH			
6.2	Metallic hypopharyngoscope with fibre optic light source carrier for ADULT	EACH			
6.3	Metallic laryngeal suction tube 25cm with stillet	EACH			
6.4	Metallic laryngeal suction tube 35cm with stillet	EACH			
6.5	Laryngo-oesphago-brochoscope foreign body removal forcep 45cm	EACH			
6.6	Laryngo-oesphago-brochoscope foreign body removal forcep 55cm.	EACH			
7	<b>Sterlization/Disinfection Tray: Disinfection/Sterlization tray with sieve tray to lift. Size: 27"x7"x5"(LxBxD)</b>	EACH			
8	<b>Fibreoptic ENT Operating Headband with Cable</b>	EACH			
9	<b>Suction Machine</b>	EACH			
10	<b>General ENT OPD INSTRUMENTS</b>	EACH			



# MEGHALAYAN MEDICAL DRUGS & SERVICES LIMITED



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10.1	Bull's eye lamp	EACH					
10.2	Headmirror	EACH					
10.3	Surgical tray with lid 14" x 10"	EACH					
10.4	Kidney tray 8" x 10"	EACH					
10.5	Thudicum nasal speculum	EACH					
10.6	Lac's Tongue depressor	EACH					
<b>11</b>	<b>NCD Equipment and test kit</b>						
11.1	Ultrasound Therapy with Trans electric nerve stimulator (TENS)	EACH					
11.2	Pap Smear for screening of cervical cancer	EACH					
<b>12</b>	<b>ENT Instruments for Jowai-MCH</b>						
12.1	Otoscope	EACH					
12.2	Nasal Speculum	EACH					
12.3	Torch	EACH					
12.4	Tongue depressor	EACH					
12.5	Indirect Laryngeal mirror	EACH					
12.6	45° Endoscope (Rigid)	EACH					
12.7	75° Endoscope (Rigid)	EACH					
12.8	0° Endoscope (4mm)	EACH					
12.9	0° Endoscope (2.7mm)	EACH					
12.10	Head light	EACH					
12.11	Foreign body hook set (Ear)	EACH					
12.12	Foreign body hook set (Nose)	EACH					
12.13	Rigid Esophagoscope with forceps: 1small, 1 medium and 1 large	EACH					
12.14	Light source	EACH					
12.15	Monitor	EACH					



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12.16	Tracheostomy sets	EACH					
12.17	Suction machine with micro suction	EACH					
12.18	Myringoplasty Instrument sets	EACH					
12.19	Septoplasty Instrument sets	EACH					
12.20	Tonsillectomy Instrument sets	EACH					
12.21	Tracheotomy sets with Tracheostomy tube: size 6.5, 7.5 and 8	EACH					
12.22	ENT workstation	EACH					
<b>13</b>	<b>Traditional Birth Attendant (TBA) Kit</b>						
<b>14</b>	<b>Skill Lab Equipments and Mannequins</b>						
14.1	HUMAN FETUS REPLICAS	EACH					
14.2	ABDOMINAL PALPATION MANNEQUIN FOR LEOPOLD MANEUVERS DURING PREGNANCY	EACH					
14.3	Dictaphone	EACH					
14.4	Sterilization AUTOCLAVE	EACH					
14.5	Interval IUCD	EACH					
14.6	Postpartum IUCD	EACH					
14.7	HAND HELD UTERUS MANNEQUIN	EACH					
14.8	FEMALE LOWER TORSO MANNEQUIN WITH NORMAL AND POSTPARTUM UTERUS AND ACCESSORIES.	EACH					
14.9	CHILD BIRTH SIMULATOR ALONG WITH ATTACHMENT FOR CERVICAL DILATATION ( CLOSED OS,4 CM, 6CM, 8CM, FULLY DILATED CERVIX	EACH					
14.10	POSTPARTUM SUTURING TRAINER	EACH					
14.11	MANNEQUIN FOR SIMULATION AND MANAGEMENT OF PPH	EACH					
14.12	INTRAMUSCULAR INJECTION TRAINING MANNEQUIN	EACH					



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14.13	ADULT CPR MANNEQUIN	EACH					
14.14	ADULT IV TRAINING ARM KIT	EACH					
14.15	FEMALE CATHETERIZATION MANNEQUIN	EACH					
14.16	ESSENTIAL NEW BORN CARE & RESUSCITATION MANNEQUIN	EACH					
14.17	NORMAL NEW BORN BABY MANNEQUINE (KMC)	EACH					
14.18	DIGITAL THERMOMETER (MEASUREMENT OF BODY TEMPERATURE)	EACH					
14.19	RADIANT WARMER	EACH					
14.20	ELECTRICAL SUCTION MACHINE	EACH					
14.21	FOOT-OPERATED SUCTION MACHINE	EACH					
14.22	PEADIATRIC IV ARM KIT	EACH					
14.23	OG TUBE INSERTION MANNEQUIN	EACH					
14.24	PHOTOTHERAPY UNIT	EACH					
14.25	GLUCOMETER	EACH					
14.26	Glucometer Strip	EACH					
14.27	Glucometer Lancet	EACH					
14.28	OXYGEN ADMINISTRATION (OXYGEN CONCENTRATOR)	EACH					
14.29	OXYGEN ADMINISTRATION (OXYGEN HOOD)	EACH					
14.30	NEBULIZER	EACH					
14.31	MULTI DOSE INHALER WITH SPACER	EACH					
<b>15</b>	<b>RBSK- District Early Intervention Centre's (DEIC</b>						
-	<i>DEIC- West Garo Hills District, Tura</i>						
15.1	Ultra sound cum Echocardiography machine for Padiatric & Neonate	EACH					





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15.2	ECG Machine (12 Lead) 3 channel	EACH			
15.3	Digital Haemoglobinometer	EACH			
15.4	Slit Lamp	EACH			
15.5	LEA Gratings Paddle	EACH			
15.6	Developmental Assessment for Indian infants (DASSI)	EACH			
15.7	Standford Binet (Indian adaptation Kulshreshtra)	EACH			
15.8	Piagets sensory motor intelligence scale 0-2years	EACH			
15.9	Paigetian Cognitive Task	EACH			
15.10	INCLEAN-ASD or Indian Scale for assessment of autism (ISSA)	EACH			
15.11	NIMHANS battery	EACH			
15.12	Cerebral Palsy and Neuro Motor impairment INCLN	EACH			
15.13	Childhood behavioural Checklist (CBCL)	EACH			
15.14	INCLN Diagnostic tool for Epilepsy INDT-EPI	EACH			
15.15	Dyslexia Early Screening Test (DEST for 4-6years)	EACH			
-	<b>DEIC- West Jaintia Hills District, Jowai</b>				
15.16	Ophthalmic Refraction Chair Unit	EACH			
15.17	Infant and toddler VEP or Visual Evoked Potential	EACH			
15.18	Pen Touch with yellow light	EACH			
15.19	Lea Near vision single symbol playing cards	EACH			
15.2	Lea Symbol near vision card (16 inches/40 centimeter)	EACH			
15.21	Lea symbol low contrast 10M flip chart	EACH			
15.22	Lea 3D puzzle	EACH			
15.23	Hiding Heidi Low Contrast face test serial number 253500: Double sided	EACH			
15.24	Heidi Expression Test game serial no. 254505	EACH			
15.25	Occluder glasses	EACH			



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15.26	AAPOS vision screening kit	EACH			
15.27	Lea Symbols chart for vision Rehabilitation	EACH			
15.28	Leo learns by doing -DVD for interaction with a vision impaired child	EACH			
15.29	Mini Spinning fixation globes	EACH			
15.3	COVD Pediatric Kit - 400444 SKU number	EACH			
15.31	Lea fixation stick 5 cm	EACH			
15.32	Canon power shot TX1 digital camera	EACH			
15.33	Log Mar Charts	EACH			
15.34	Hand held slit lamp	EACH			
15.35	Trial Lens set (Paediatric)	EACH			
15.36	Trial Frame (Children)	EACH			
15.37	Vision Testing drums	EACH			
15.38	Illuminated Near Vision Test Drum	EACH			
15.39	Random Dot Butterfly stereopsis test with protective glass	EACH			
<b>16</b>	<b>Instruments and others for AYUSH Hospital</b>				
<b>A</b>	<b>Instruments</b>				
16.1	Hospital Uniform (Green and Blue)	EACH			
16.2	Mugs	EACH			
16.3	Bucket	EACH			
16.4	Door mat (anti skid) rubber 2 ft x 5ft	EACH			
16.5	Floor mop (with handle)	EACH			
16.6	Supreme Plastic Chair (without Arm)(Supreme)	EACH			
16.7	Broom (Inside)	EACH			
16.8	Broom (Outside) (plastic)	EACH			



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16.9	Dustbin Outside(50 L Dual mounted on Pole-Supreme)	EACH			
16.10	Dustbin Bag (outside) 32" x 36" approx 14 pc per kg (price in per KG)	EACH			
16.11	Dust Pan	EACH			
16.12	Dustbin Bag (Office) (18" x 22") approx 40 pcs per kg (price in per KG)	EACH			
16.13	Hand Wash (200Ml)	EACH			
16.14	Toilet Brush	EACH			
16.15	Wiper	EACH			
16.16	Cloth for cleaning floor (24")	EACH			
16.17	Room Heaters	EACH			
16.18	Height Scale	EACH			
16.19	Table Top Weight Scale Digital	EACH			
16.20	Urinometer	EACH			
<b>B</b>	<b>Consumables</b>	EACH			
16.1	Test Tube for Urinometer (per pc)	EACH			
16.2	Dustbin Bag (30 Kg packing, ~ 20 pc per Kg)	EACH			
<b>C</b>	<b>Panchkarma</b>	EACH			
16.1	Droni/Massage Table (Wood) (Crafted from Medicinal Plant Tree Maruth)	EACH			
16.2	Appropriate stand to fix droni	EACH			
16.3	Shirodhara stand	EACH			
16.4	Shirodhara Vessel (Brass)	EACH			
16.5	Swedan chamber (or Steam Bath Chamber) (sitting)	EACH			
16.6	Nadi Swedan Yantra with hose pipe	EACH			



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16.7	Footstool for Droni Table (wooden)	EACH			
16.8	Naysa Karma Chair	EACH			
16.9	Vamana Char	EACH			
16.10	Shirovasti Cap	EACH			
16.11	Vasti Yantra	EACH			
16.12	Kaadi Vasti (SS)	EACH			
16.13	Jaanu Vasti (Knee set)	EACH			
16.14	Uttara Basti Yantra for (males/females)	EACH			
16.15	Mathra Vasti Syringe	EACH			
16.16	Awagaha Bath (Spine Bath)	EACH			
16.17	Heating facilities (induction)	EACH			
16.18	Heating Pan	EACH			
16.19	Bed Pan (male/female)	EACH			
16.20	Kifney trays	EACH			
16.21	Steam pack	EACH			
16.22	Pressure cooker with autoclave (10 litres)	EACH			
16.23	Small Pillow covered with rexin sheet	EACH			
16.24	Knife	EACH			
16.25	Scissor	EACH			
16.26	Hot water facility-Electric Kettle with tap	EACH			
16.27	Foot Bath Bowl Copper	EACH			
16.28	Panchkarma Accessories: Kindi with handle, Thannikinnam, Oil bowl, Bowl with handle, Thavi, Mortar & Pestle, Lotta, Polished Varpu (5"), Nasya Yanthram, Incense burner, Nilavilakku (lamp) 12", Chattukam, Polished Uruli (3"), Unpolished Uruli (12" dia), etc.	EACH			
<b>D</b>	<b>Disposable Items</b>				



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16.1	Disposal items for male wear (100 pc)	EACH			
16.2	Disposal items for female wear (100 pc)	EACH			
16.3	Hand Towel Small (100 pc)	EACH			
16.4	Bath Towel (100 pc)	EACH			
<b>E</b>	<b>OT instruments</b>				
16.1	<b>OT instruments Set (Described Below)</b>				
16.2	Artery Forcep St. & Curved S.S.6"	EACH			
16.3	Needle Holder 6 "	EACH			
16.4	Scissor Pointed Sharp 6"	EACH			
16.5	Mosquito Forcep 12.5 cm St. curved	EACH			
16.6	Epistomy Scissor 6"	EACH			
16.7	Stitch cutting Scissor 6"	EACH			
16.8	Allies Forcep 6"	EACH			
16.9	Mayo's Scissor 6"	EACH			
17	Sponge Holding Forcep 8"	EACH			
17.1	Cheate Forcep 8"	EACH			
<b>F</b>	<b>Uttarabasti</b>				
16.1	Hot water bag	EACH			
16.2	Kidney tray	EACH			
16.3	Sims speculum	EACH			
16.4	Anterior Vaginal wall retractor	EACH			
16.5	Vulsellum	EACH			
16.6	Uterine sound	EACH			
16.7	Swab holder	EACH			



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<b>G</b>	<b>Raktamokshana</b>						
16.1	Storage Aquarium for fresh leeches: 20 L	<b>EACH</b>					
16.2	Glass container (1 litre capacity)	<b>EACH</b>					
16.3	Surgical tray	<b>EACH</b>					
16.4	Mixer machine commercial Grade	<b>EACH</b>					
<b>H</b>	<b>Surgical Instruments</b>						
16.2	Scissors SS medium size	<b>EACH</b>					
16.4	Knife (Carilage) medium	<b>EACH</b>					
<b>I</b>	<b>Consumables</b>						
16.1	Tape (White)	<b>EACH</b>					
16.2	Bandage (7.5 cm / 12 pcs) Gauge	<b>EACH</b>					
<b>J</b>	<b>Physiotherapy</b>						
16.1	Shoulder cum elbow cycle	<b>EACH</b>					
16.2	Shoulder pulley set	<b>EACH</b>					
16.3	Iron dumbbells of different weight	<b>EACH</b>					
16.4	Static Cycle exerciser	<b>EACH</b>					
16.5	Leg Exercise	<b>EACH</b>					
16.6	10 Ft. Folding Ladder	<b>EACH</b>					

**Note :**

1. The rates should be inclusive of everything viz. kit, Freight, Packing, Forwarding, Insurance, Transportation, loading/unloading, GST etc up to destination as specified in page no.4 clause 3(a) under Term of delivery
2. The Excise Duty/Custom Duty, Custom Clearance Charges, Agency Commission etc. wherever applicable, should be inclusive in the above Financial Bid.
3. The Rates quoted against each items on the Tender shall be without cutting, tampering and a Transparent Tape should be applied on the Quoted Rates.
4. Rates Quoted should be typed and free from Fluiding, Cutting and Overwriting. No hand written quotations will be accepted.
5. The authority will make procurement for all items or for selected items based on requirement and on the availability of budget amount. Decision of the authority in this matter is final.
6. All equipment should be installed after suitable earthing and power backup have been established.
7. The bidder with the lowest overall quoted rate i.e. ANNEXURE-III/A column 9, will be awarded with the contract.



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8. Payment will be made on completion of work and subject to fund availability.
9. Payment of CMC cost will be made at the end of each CMC period and subject to service satisfactory.

### **IMPORTANT NOTE REGARDING ANNEXURE-III/A:**

- a) Column-4: Enter only the basic rate of equipment or goods
- b) Column-5: Enter only the GST amount for equipment or goods
- c) Column-6: Enter only the sum of Column-4 and Column-5.
- d) Column-7: Enter the cumulative sum of all combined or merged item lists. For example item of sl.no.1, the overall quoted rate of item list serial number 1.1 plus 1.2 should be entered.
- e) Column-8: Enter only the overall quoted amount from ANNEXURE-III/B column-15
- f) Column-9: Enter the sum of ANNEXURE-III/A, Column-7 and Column-8, as the total amount.
- g) The contract will be awarded to the rate with the lowest value in column-9 respectively
- h) For each merging category, it is imperative to quote all items. Failure to quote any items will result in disqualification for a particular merging category.

**Name(s) & Signature of Authorized person of the Tenderer with Designation & Office Seal**

**Name of the Firm .....**

**Date.....**

**Place.....**



**CMC – CHARGES**

**Annexure – III/B**

Item No.	Name of Equipment	CMC rates										Total CMC Cost for a number of CMC Periods	CMC cost inclusive of Tax amount	Total CMC Cost (12+13)
		1st yr	2nd Yr	3rd Yr	4th Yr	5th Yr	6th Yr	7th Yr	8th Yr	9th Yr	10th Yr			
	1	2	3	4	5	6	7	8	9	10	11	12	13	15
1	<b>Radiation Oncology Civil Hospital Shillong</b>													
1.1	HDR Brachytherapy Machine													
2	<b>ENT, Civil Hospital Shillong</b>													
2.2	Advanced ENT Operating Microscope													
	ENT Equipment and instruments (WKH-MCH)													
3	E.N.T. Operating Microscope with camera system													
3	Fibreoptic ENT Operating Headband with Cable													
3	Suction Machine													
	<b>NCD Equipment and test kit</b>													
4	Ultrasound Therapy with Trans electric nerve stimulator (TENS)													
	<b>ENT Instruments for Jowai-MCH</b>													
5	Light source													
5	Monitor													
5	Suction machine with micro suction													
5	ENT workstation													
	<b>Skill Lab Equipments and Mannequins</b>													
6	Sterilization AUTOCLAVE													
6	RADIANT WARMER													
6	ELECTRICAL SUCTION MACHINE													
6	FOOT-OPERATED SUCTION MACHINE													
6	PHOTOTHERAPY UNIT													
6.6	OXYGEN ADMINISTRATION (OXYGEN CONCENTRATOR)													
6.7	OXYGEN ADMINISTRATION (OXYGEN HOOD)													
7	<b>RBSK- District Early Intervention Centre's (DEIC)</b>													
	<b>DEIC- West Garo Hills District, Tura</b>													
7.1	Ultra sound cum													

Approved By Shri Ramkumar S.(Managing Director) on 11/02/2024 07:58 PM  
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	Echocardiography machine for Padiatric & Neonate																		
7.2	ECG Machine (12 Lead) 3 channel																		
	<b>DEIC- West Jaintia Hills District, Jowai</b>																		
7.3	Ophthalmic Refraction Chair Unit																		

### Name(s) & Signature of Authorized person of the Tenderer with Designation & Office Seal

Name of the Firm .....

Date.....

Place.....

Approved By Shri Ramkumar S(Managing Director) on 11/02/2024 07:58 PM  
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**Annexure-IV**

**LETTER OF UNDERTAKING**

To,

**Managing Director,MMDSL**  
Health Complex, Laitumkrah  
Shillong, Meghalaya

Tender No:

Tender Date:

For:

Sir / Madam,

1. I,

on

behalf

Shri

of

having

its

registered

office

at

and

its

branch

office

at

do hereby declare to comply with all the Terms and Conditions as specified in the NIT. 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. We agree to the conditions of the tender under which the Earnest Money Deposit shall be forfeited by us.
3. The tender inviting authority has the right to accept or reject any or all the Tenders without assigning any reason thereof.
4. We understand all the Terms and Conditions of the Contract and bind myself / ourselves to abide by them.
5. I hereby furnish the following details as specified by the NIT:

FIRM DETAILS	Firm Name	
	Proprietorship / Entrepreneurship / Holding Company, Partnership Firm	
	Name of Proprietor / Director / CEO / Others	
	Address	
	Telephone Number	
	Fax Number	
	Mobile Number	
	Email Id	
	Bank Name	
BANK DETAILS	Address	
	Account Number	
	IFSC Code	
	NEFT Code	

6. We hereby declare that as per the attached Affidavit, there is no vigilance / CBI or Court Case pending /Contemplated against us at the moment.
7. All information provided is True & Accurate. If at any time it is found that any information provided is proven false, I agree to the Cancellation / Termination of the Tender / Agreement leading up to blacklisting of the said firm under the Government of Meghalaya for a period of three years.

**SIGNATURE  
NAME & ADDRESS OF BIDDER  
DATE**

Approved By Shri Ramkumar S(Managing Director) on 11/02/2024 07:58 PM  
(The document is digitally approved and does not require any Seal or Signature in original)



**Annexure-V**

**BID SECURITY FORM**

Whereas .....(hereinafter called "the Bidder") has submitted its bid dated.....for the supply of ..... vide Tender No..... dated..... KNOW ALL MEN by these presents that WE ..... having our office at ..... (hereinafter called "the Bidder") are bound unto Managing Director, Meghalayan Medical Drugs & Services Limited (hereinafter called "the Purchaser") the sum of Rs..... vide DD no.....for which payment will and truly to be made of the said Purchaser, the Bidders binds itself, its successors and assigns by these present.

**THE CONDITIONS of the obligation are:**

1. If the Bidder withdraws his 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 his bid by the Purchaser during the period of bid validity
  - a) fails or refuses to execute the Contract, if required; or
  - b) fails or refuses to furnish the Performance Security, in accordance with the instructions to Bidders.

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 as to the bidders of the Bid Document up to and including Ninety (90) days from date of opening the Tender and any demand in respect thereof should reach the Bidder not later than date to be specified.

Signature of the Bidder.  
Name  
Signed in Capacity of  
Full address of Office  
Tel No. of Office

\*\*\*

Approved By Shri Ramkumar S(Managing Director) on 11/02/2024 07:58 PM  
(The document is digitally approved and does not require any Seal or Signature in original)



**Annexure-VI**

**PERFORMANCE SECURITY BOND FORM**

.....(Insert: Bank's Name and Address of Issuing Branch or Office)

**Beneficiary:** ..... (Insert: name and Address of Purchaser or Meghalayan Medical Drugs & Services Limited), here in after called the Managing Director, Meghalayan Medical Drugs & Services Limited

Date: .....

PERFORMANCE GUARANTEE No: .....

We have been informed that (insert: name of Supplier) has entered into Contract No. (Insert: reference no of the contract) dated ..... With you, for the supply of (insert: description of goods).

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Supplier, we (insert: name of bank) hereby irrevocably undertake to pay you a sum or sums not exceeding in total an amount of (insert: amount in figures) ( ) (insert: amount in words) upon receipt by us of your first demand in writing accompanied by a written statement stating that the supplier is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire no later than the ..... Day of ....., 2..... , \*\*and any demand for payment under it must be received by us at this office on or before that date.

\*\* The guarantor agrees to extension of this guarantee for a further period in response to the purchaser's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.

Dated: \_\_\_\_\_

For \_\_\_\_\_  
(Indicating the name of the Bank)

N.B. This guarantee should be issued on non-judicial stamped paper, stamped in accordance with the stamp act

Approved By Shri Ramkumar S(Managing Director) on 11/02/2024 07:58 PM  
(The document is digitally approved and does not require any Seal or Signature in original)



**Annexure VII**

ANNUAL TURNOVER STATEMENT OF THE BIDDER

- a) Name of the firm \_\_\_\_\_
- b) Address \_\_\_\_\_
- c) Annual turnover for the last three years \_\_\_\_\_  
(In Indian Rupees)

Financial Year	Turnover (Rs. in Lakh)	Chartered Accountant-certified supporting documentation
2020-2021		Attached/Not Attached
2021-2022		Attached/Not Attached
2022-2023		Attached/Not Attached

Seal & Signature of Chartered  
Accountant / Auditor  
Date:

N.B. This statement should be issued CA certified and on CA's letter head

Approved By Shri Ramkumar S(Managing Director) on 11/02/2024 07:58 PM  
(The document is digitally approved and does not require any Seal or Signature in original)



**ANNEXURE-VIII**

Checklist

Sl No	Particulars	Yes/No	Page No.
1	Sealed Envelope		
2	Tender Fee ( if document is obtained from the office of the authority)		
3	Ownership Details (Partnership deed / Letter of ownership / Memorandum of Association)		
4	Attested / Notarized Copy of Certificate of Registration /GST registration		
5	Attested Copy of Trading License issued by KHADC / GHADC / JHADC for Non Tribal Firm.		
6	Up to date Income Tax Certificate or similar valid documents (where applicable) for Non Tribal Firms		
7	Attested Copy of the Schedule Caste / Schedule Tribe Certificate for Tribal Firms		
8	Attested Copy of Last GST return filing		
9	Attested Copy of Up to date Professional Tax Clearance Certificate issued by KHADC/JHADC/GHADC		
10	Attested Copy of Permanent Account Number (PAN) Card of the firm or of the person in whose name the Proprietorship, Partnership, Firm etc is registered under.		
11	Customer feedback or any supply order similar equipments/Goods from Central/ State Govt. Dept. / PSU or Private Limited Company		
12	Court Fee Stamp (Rs. 25/-)		
13	Attested copy of a Cancelled Cheque of the Firm clearly indicating Bank Name, Branch, Account Number, IFSC.		
14	An Affidavit on a Non Judicial Stamp Paper of Rs. 10/-, attested by a Notary Public (In Original) that there is no vigilance / CBI Case or arbitration cases pending with the Government of Meghalaya against the Form/Supplier that the Proprietor /Director/Members of the Board of Directors of the Bidder and the Principal Manufacturer on whose behalf they have quoted has never been blacklisted by any Institution (Government or Public).		
15	Self Attested copy of the Tender Document purchased from the department or Downloaded from the website.		
16	ISO Certified for quality standards		
17	Security Bid (EMD) in the form of a Crossed Demand Draft issued by a Schedule Bank / Commercial Bank drawn in favor of Managing Director, MMDSL, Meghalaya payable at Shillong (Refundable) carrying no form of interest on it.		
18	Valid Authorization letters from the OEMs (in case of trading partners) for Supply & Participation in Tender.		
19	Company/Firm Registration Certificate		
20	Detail Specification Annexure-I		
21	Technical bid Annexure-II		
22	Financial Bid Format Annexure-III		
23	Letter of Undertaking Annexure –IV		
24	Bid Security Annexure –V		
25	Performance Security-VI		
26	Annual Turnover-VII		
27	Deleted		
28	Deleted		
29	Any other as specified in the NIT document		

Approved By Shri Ramkumar S.(Managing Director) on 11/02/2024 07:58 PM  
(The document is digitally signed by Shri Ramkumar S. in original)

**\*Note:(√ or X) in ‘Yes/No’ column respectively.**

**SIGNATURE  
NAME & ADDRESS OF BIDDER  
DATE**



No. MMDSL/Proc-Eqpts/2023/

Dated

**NOTICE INVITING TENDER**

Managing Director, Meghalayan Medical Drugs & Services Limited is inviting Tender from the interested firms for Supply & Installation of Various Equipment. The details of specification, Terms and conditions, etc. can be downloaded from <https://mmdsl.in/tender?id=tender>

Notice Inviting Tender (NIT) Document:

Date for downloading/obtaining the Tender Documents: 13<sup>th</sup>/Feb/2024

Last date for submission of NIT Document: 04<sup>th</sup>/Mar/2024 at 11:30am

Tender opening date: 04<sup>th</sup>/Mar/2024 at 1:00pm

Any changes or any further notifications in respect to the above Notice Inviting Tender (NIT) Document shall be made available only at the above mentioned website. Hence respective bidders are advised to visit the website regularly for the above purpose.

For any query Contact: State Manager

Contact no: +917005662189

Sd/-  
**Managing Director, MMDSL  
Meghalaya, Shillong.**

Approved By Shri Ramkumar S(Managing Director) on 11/02/2024 07:58 PM  
(The document is digitally approved and does not require any Seal or Signature in original)