SELCO Foundation – Call for Vendors

The Supply and Installation of Medical Equipments

SELCO Foundation – Procurement Officer
690, 15th Cross Rd, Jeewan Griha Colony, 2nd Phase,
J P Nagar, Bengaluru, Karnataka 560078
procurement@selcofoundation.org

SELCO Foundation hereby invites bids for the Supply and Installation of Medical Equipment for public health centres in the state of Meghalaya, Manipur and Nagaland during the year 2022-2023.

The Tender Estimated value is Approximately ₹4.25 Crores (Rupees Four Crores and Twenty-Five Lakhs only)

The detailed tender document which can be downloaded from 17-06-2022. Bids, as per the terms and conditions should be submitted to the undersigned, at the above-mentioned address by 5 pm on or before 02-07-2022.

Chief Executive Officer – SELCO Foundation

SELCO FOUNDATION

TENDER NOTIFICATION

FOR

THE SUPPLY AND INSTALLATION OF ENERGY EFFICIENT MEDICAL EQUIPMENT IN THE PUBLIC HEALTH CENTRES IN THE STATE OF MEGHALAYA, MANIPUR AND NAGALAND

TENDER DOCUMENT

Address for Communication

SELCO Foundation
#690, 15th Cross Rd, J P Nagar – 2nd Phase
Bangalore, Karnataka – 560078
Telephone: 080-26493145
e-mail: procurement@selcofoundation.or

DISCLAIMER

NIT No: 03/2022-23

This tender by SELCO Foundation is for selection of vendors for the work of supply and installation of Energy Efficient Medical Equipment in the public health centres of Meghalaya, Manipur and Nagaland state.

NOTE:

1. Though adequate care has been taken while preparing the Notice Inviting Tender (NIT) document, the Organisations shall satisfy themselves that the document is complete in all respects. Intimation of any discrepancy shall be given to this office immediately. If no intimation is received from any Organisations within seven (7) days from the date of notification of Request for solution (RfS)/ Issue of the RfS documents, it shall be considered that the RfS document is complete in all respects and has been received by the Organisations.
2. SELCO Foundation has the right to award the works under this tender to single or multiple vendors and in multiple tranches based on the lowest quote ascertained through this tender.
3. The installation of energy efficient medical equipment at the said Health centres is subject to receiving the approval for installation from the local health authorities.
4. SELCO Foundation reserves the right to cancel/ withdraw this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision
5. SELCO Foundation reserves the right to modify, amend or supplement this document.
6. While this RfS has been prepared in good faith, neither SELCO Foundation nor their employees or advisors make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions herein, or the accuracy, completeness or reliability of the information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this RfS, even if any loss or damage is caused by any act or omission on their part..

1. CONTENTS OF BID DOCUMENT

2. List of Documents to be Submitted in First Cover (In technical bid)

3. List of Documents to be Submitted in Second Cover (In financial bid)

SELCO FOUNDATION

#690 15th Cross J P Nagar 2nd Phase
Bangalore - 560078
Telephone: 080-26493145
e-mail: procurement@selcofoundation.org

Medical Equipment Tender: 03/2022-2023 Dated: 17-06-2022

NOTICE INVITATION TENDER

Chief Executive Officer of SELCO Foundation, Karnataka State, India hereby invites bids for supply and installation of Energy Efficient Medical Equipment in the public health centres in the state of Meghalaya, Manipur and Nagaland.

1.	Tender Ref No.	03/2022-2023
2.	Last date & time for the bid submission	02-07-2022, 5 PM
3.	Opening date of first cover (technical bid) & second cover (financial bid)	04-07-2022, 5 PM
4.	Venue of acceptance and opening of tenders.	SELCO Foundation, Bangalore

Interested and eligible Organisations may furnish the Technical & Commercial Bids for supply and installation of Energy Efficient Medical Equipment to the below-mentioned address:

Procurement Officer - Tender NO 03/2022-2023
#690 15th Cross J P Nagar 2nd Phase
Bangalore - 560078
Telephone: 080-26493145
e-mail: procurement@selcofoundation.org

Any further information or clarification may obtain either in person or through phone during office hours from the office of the SELCO Foundation Ph: 080-2649 3145 or through the email – procurement@selcofoundation.org

sd/-
Chief Executive Officer
SELCO Foundation

INSTRUCTION TO ORGANISATION

Eligibility to Organisations:

I. The organization should be in operation for the last 3 years in the field of supply, installation and maintenance of medical equipment.

II. The organisation should submit the following document along with the Tender.

a. Registration Certificate issued by the competent authority.

b. Valid manufacturing license issued by the competent authority or authorized Dealer Certificate whichever is applicable.

c. List of the Authorized Distributor or Representative in the North East Region/Eastern Region who shall conduct the business responsibility of the Manufacturer (if tender submitted by the manufacturer).

d. Company Profile relevant to the item supply along with Product literature/Specifications.

e. Valid ISO/FDA / CE / relevant certificate of the Original Equipment Manufacturer.

f. (i) At least 3 similar contracts completed during the last 5 years (ii) Should have manufactured or marketed the specific goods covered in the bid documents for at least 3 years. (iv) The Organisations shall provide proof of experience with & knowledge of modes of packaging distribution and transportation of such items under monsoon conditions.

h. Up to date Professional Tax/GST/Income Tax/GST Clearance certificate.

III. Organisation should submit the valid PAN card.

IV. The organisation should submit the self-declaration certificate to declare that the organization is not blacklisted.

V. The organisation should be able to provide excellent service. It is expected that complaints will be attended to within 72 hrs of lodging. The company should provide a list of service centres or contact points in the state of Meghalaya, Manipur and Nagaland

VI. Declaration by the organisation that they will be able to execute the order before 31st October 2022

VII. The organisation should submit the documents to establish that the organisation has implemented projects of cumulative worth 2 Crore or more in the last three years.

Cost of bidding:

The Organisations shall bear all costs associated with the preparation and submission of Bid to the Chief Executive Officer, SELCO Foundation hereinafter referred to as "the Purchaser" will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

The technical proposal shall contain:

I. Particulars of the Firm as per Annexure - 3
II. Checklist of Documents to be submitted in First Envelope as per Annexure - 4
III. The Organisations has to submit an acceptance letter of guarantee for 5 years for the total performance of the medical equipment
IV. The Organisations has to provide the nearest local service centre details, preferably the following locations (Shillong, Imphal, Dimapur/Kohima and Guwahati)
V. The Organisations has to sign all the pages of the documents as a token of acceptance of all terms and conditions.

The financial bid shall contain:

The rate quoted for supply and installation. The rate quoted should include all taxes levied by the State & Central Govt. Packing, and forwarding charges including transportation, loading & unloading and installation.

Price schedule:

The Organisations shall complete the price schedule as per **Annexure 6 - PRICE SCHEDULE** furnished in the Bidding Documents, indicating the total cost towards supply and installation. The SELCO Foundation will not pay any extra charges over and above the rate quoted by the Organisations.

Fixed price:

Prices quoted by the Organisations are firm and final and binding and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected. The quotation will remain valid for a period of 12 months from the date of opening the second envelope (financial bid).

Period of Validity of Bids:

Bids shall remain valid for a period of 12 months from the date of opening of the Second Envelope (Financial Bid). A Bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.

Format and Signing of Bid:

The Organisations **shall give a set of hard copies of all the documents** on the sealed cover. The Bids could be submitted by hand or post/courier to the below-mentioned address Procurement Officer - Tender No 03/2022-2023 SELCO Foundation, #690, 15th Cross, 2nd Phase, JP Nagar, Bengaluru- 78, Email id: procurement@selcofoundation.org

Deadline for Submission of Bids:

Bids must be received by the Purchaser not later than the time and date specified in the Invitation for Bids. The Purchaser may, at its discretion, extend this deadline for submission of the bid by amending the bid Documents in which case all rights and obligations of the Purchaser and Organisations previously subject to the deadline will thereafter be subject to the deadline as extended.

Tender Opening:

The Technical & Financial bids will be opened on the same day itself or later separately. The financial bids (Second Cover), of only technically qualified Organisations, will be opened. The Organisations Names, Bid Modifications, or Withdrawals, bid prices, Discounts and the presence or absence of the requisite details as the Purchaser, at its discretion, may consider appropriate will be recorded by the Purchasing Committee of SECLO Foundation. No Bid shall be rejected at bid opening, except for late bids, which will be rejected.

Clarification of Bids:

During evaluation of Bids, the purchaser may, at its discretion, ask the Organisations for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substances of the Bid shall be sought, offered or permitted

Preliminary Examination:

The purchaser will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

Arithmetical errors will be rectified on the following basis. If there is a discrepancy between words and figures, the lowest of the two shall prevail and the bid shall stand corrected to that effect. The purchaser may waive any minor infirmity or non- conformity or irregularity in a bid, which does not constitute a material deviation, provided such a waiver does not prejudice or affect the relative ranking of any Organisations.

Acceptance or rejection of bids:

- **CEO**, SELCO Foundation reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability or any obligation to inform the affected Organisations or Organisations of the grounds for the said action.
- Any Bid with incomplete information is liable for rejection.

Terms and Conditions of the Contract

1. **Duration**: The agreement will be valid for 5 years (60 months) from the date of completion of the installation and commissioning of the Project. The maintenance and

service will commence from the date of completion of installation of the project and will be effective for a period of 5 (five) years. The end date of this agreement will be sixty (60) months after the date mentioned in supply, installation and commissioning reports that will be subsequently annexed to this agreement and will form an integral part of this agreement.

2. **Prices:** Prices provided by the Contractor, and accepted by the Foundation shall be considered as final and firm and will not be subject to escalation due to any variations in the prices of materials, labour and/or any other reasons which may occur while the order is being carried out (except any increase in costs due to a change in applicable taxes or other such regulations which shall be passed on to the Foundation). The Project Costs are inclusive of taxes, transport, installation and 5 years maintenance service which will include minimum two visits to the sites per year. The costs mentioned here do not include replacement of spares while servicing.

3. **Payment Terms:** The above cost will be paid in 4 installments. The 1st installment of 30% will be paid along with the WO the 2nd installment of 20% will be released after the delivery of 50% of the materials at the Health Centers/ local godown and submission of material delivery note duly signed by the Health Centre authority /Foundation representative; the 3rd installment of 20% will be released after the delivery of 100% of the materials at the Health Centers/ local godown and submission of material delivery note duly signed by the Health Centre authority /Foundation representative; and the 4th installment of 30% will be on receipt of bank guarantee, completion certificate and hand over letter from the Health Centre authority and certification of satisfactory working condition of the medical equipment by Heath Centre authority and Foundation representative. Any taxes and charges such as TDS that will have to be deducted from the WO amount as per the rules in force at the time of release of payment will be done by the Foundation and the Contractor will be paid only the net amount. The Contractor should submit the progress report to the Associate Director – Scale Programs, SELCO Foundation who will approve the invoice for payments based on the project performance and completion. The Contractor shall furnish a bank guarantee valid for the term of this Agreement, i.e., 5 years for a total AMC cost or 5% of the project cost whichever is higher, before the release of 4th installment towards the service and maintenance of medical equipment.

4. **Insurance:** Insurance shall be arranged by the Contractor till the products are supplied to the end point and installation is completed. Arrangement of transport, warehouse for stocking and safekeeping of the material till the handover is within the contractor's scope of work and Foundation will not be responsible for any missing item or damage that is incurred before the system is handed over to the respective Health centre representative. The contractor will ensure insurance coverage and damage to service staff by way of any accidents during the course of this engagement with the Foundation for providing the services covered under this agreement.

5. **Inspection, Checking, Testing:** The products covered by the Work Order shall be subject to inspection within a reasonable time after arrival at the place of delivery. Besides, the Foundation is also entitled to do a preliminary inspection at the manufacturing site of the Contractor by giving prior notice. The Contractor shall provide free access to the Foundation during normal working hours at Contractor's or its sub-Contractor's works and place at their disposal, internal test reports, material/component test certificates, approved drawings. Even if inspections and tests are fully carried out, Contractor shall not be absolved to any degree from their responsibilities to ensure that products supplied, comply strictly with requirements of the Work Order at the time of delivery, inspection on arrival at site, installation and commissioning and warranty/guarantee period. In any case, the products supplied must be strictly in accordance with the Work Order failing which the Foundation shall have the right to reject goods and hold the Contractor liable for non-performance of contract.

6. **Packing:** The products shall be dispatched by the Contractor adequately packed in appropriate packing which should be suitable for inland carriage and ensure complete safety of goods from any kind of damage during transport and subsequent storage at the health centre.

7. **Assembly, Installation, after sales service and training:** The Contractor shall be fully responsible for the assembly of the product at the destination site and completeness of the Project as per the Work Order. The Contractor shall provide necessary "After Sales Service" at site for a period of 5 years as agreed upon by the Parties. Any Complaints on the system will be resolved within 5 to 10 working days of reporting. Installation will be done as per the standards agreed upon. Active contact number will be displayed at the site for registering any complaints on the performance of the product. The Contractor will submit a plan of servicing to the foundation before the release of final payment. The contractor will arrange a minimum of two (2) visits per year to the site for maintenance for a period of five (5) years and submit a report to the Foundation on the servicing with a functioning status of each site.

8. **Delivery terms**: The delivery of the said products will be to the Health Sub centres as per the list provided by the Foundation in writing and agreed by Contractor. The time and delivery date as agreed between the Foundation and Contractor shall be the essence of the contract. No variation shall be permitted, except with prior authorization in writing from the Foundation.

Late delivery (LD) clause with corresponding penalty clause will be applicable at 2% per week beyond a period of one month. Delivery Schedule and terms will be as per the WO.

9. **Risk Purchase on Default:** In case of default on the part of the Contractor to supply all the products or part thereof covered by the contract as per the standard/specifications within the contractual delivery period stipulated in the contract, the Foundation shall have the right to purchase such products or other of similar description at the risk and

cost of the Contractor. Contractor shall be liable to pay the cost of such purchase products and also the penalty under clause 8 above for resultant delay.

10. **Delay due to force majeure :** If any time during the continuance of the Agreement the performance in whole or part by either party on any obligation under the contract shall be prevented or delayed by reason of any war, hostility, explosions, epidemics, quarantine restrictions, or other acts of God, then provided, notice of the happening of any such event is given by either party to the other within fifteen (15) days from the date of occurrence thereof, neither party shall be reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance and delay in performance and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. Force Majeure conditions shall not affect the payment obligations of the Foundation which shall be made as per clause 3 of this Agreement.

11. **Rejection, Removal of Rejected Goods and Replacement:** In case the testing and inspection at any stage by inspectors reveal that the product, material and workmanship do not comply with the agreed specifications and requirements, the same shall be removed by the Contractor at his/its own expenses and risk within 15 to 20 working days of information of rejection by the Foundation. The Foundation shall be at liberty to dispose of such rejected goods in such manner as they may think appropriate, in the event the Contractor fails to remove the rejected goods within the period as aforesaid. All expenses incurred by the Foundation for such disposal shall be to the account of the Contractor. The freight paid by the Foundation, if any, on the inward journey of the rejected material shall be reimbursed by the Contractor to the Foundation before the rejected materials are removed by the Contractor. The Contractor will have to proceed with the replacement of that product or part of product without claiming any extra payment if so, required by the Foundation, within 2 weeks of notification.

12. **Warranty:** The Contractor shall warrant that every material/product to be supplied shall be in accordance with the specifications agreed upon by both parties. The items should be consistent with the established, recognized or stipulated standards for material of the type usually used for the purpose and in full conformity with the specifications and drawings or samples, if any, outlined by the Foundation in the tender documents and agreed upon by the Contractor by the virtue of acceptance of the WO by the contractor. Products offered must withstand normal operating conditions. The warranty shall continue not withstanding inspection, payment, acceptance of tendered product and shall expire except in respect of complaints notified to Contractor prior to such date within 60 months from the date of commissioning. The warrant will be according to manufacturer's warranty policies.

13. **Performance Guarantee**: The Contractor shall guarantee that any/all material used in execution of the Work Order shall be in strict compliance with characteristics requirements and specifications agreed upon. The Contractor shall guarantee that all

material and products shall be repaired or replaced, as the case may be, at his own expense in case the same have been found to be defective in respect of material, workmanship for smooth and rated operation within a period of 60 months from the date of commissioning. Acceptance by the Foundation of any product and materials or their replacement will not relieve the Contractor of his/its responsibility concerning the above guarantee. In case of any legal case against the Foundation by any ultimate user of the product with respect to the performance of the system (during the warranty period), the Contractor should support the Foundation with required and relevant technical testing and reports supporting the performance of the product and to defend that the non-performance of the product is not because of any manufacturing defect.

The warranty replacements during the first year will be made within 15 to 20 working days from the date of receipt of the Complaint at the site.

14. **Indemnity:** The Contractor shall at all times indemnify the Foundation against all claims which may be made in respect of stores for infringement of any right protected by patent, registration of design or trade mark. Provided always that in the event of any claim in respect of alleged breach of patent, registered designs or trade mark being made against the Foundation, the Foundation shall notify the Contractor of the same and the Contractor shall at his own expense either settle any such dispute or conduct any litigation that may arise there from.

3. Other Clauses:

a. The Contractor will treat all information given under this agreement as information with proprietary value and will not disclose the same to competitors or any outsiders. Contractor will not at any time, except under legal process, divulge any trade or business secret relating to the Foundation or any customer or agent of the Foundation, which may become known by virtue of the position as Contractor, save in so far as such disclosure shall be necessary in the interest and for the benefit of the said Foundation and will be true and faithful to the Foundation in all dealings and transactions whatsoever relating to the said Project.

b. Either party may terminate this contract forthwith in the event of any fraud or misconduct on part of the other party; the Foundation may terminate this contract in the event of delay in supply/ installation of the products by the Contractor beyond 15 days from what is stipulated in the WO or the Contractor may terminate in the event of 3 consecutive delays of 15 days from what is agreed to between the parties in making payment to the Contractor. Any notice to be given hereunder shall be sufficiently given to the other party if forwarded by registered post or by Courier Service to the registered address of the other party mentioned in this agreement or the last known postal address of the other party. Upon the termination of this contract, the Contractor shall refund the entire amount paid by the Foundation. The

Contractor shall deliver all deeds, documents and paper in his possession relating to the business of the Foundation.

c. Both the Foundation and the Contractor fully and freely intend to create an independent Contractor relationship under this Agreement. Nothing herein shall be deemed to establish a partnership, joint venture, association or employment relationship between the parties. Both parties agree that the Contractor has sole and exclusive control over the manner and means employed in performing their activities under this Agreement in matters that are not specifically discussed and agreed upon between the parties to this Agreement.

d. The Foundation represents and warrants that (a) it has the full right and authority to enter into this Agreement, and no consent or authorization not obtained prior to the Effective Date is necessary to be obtained, (b) the Foundation is a charitable trust registered under the laws of India and is authorized to do business to the extent necessary to fulfill its obligations hereunder.

e. Except as specifically set forth in this Agreement, neither party makes any representation or warranty of any kind, express or implied, including without limitation any warranty of merchantability, any warranty of fitness for a particular purpose or use, any warranty of non-infringement, or any other statutory warranty. Each party expressly disclaims any and all implied warranties.

f. This agreement shall not be amended or renewed, except in writing mutually agreed by both parties. The project shall be fully completed as agreed in the above-mentioned terms and conditions.

g. Notwithstanding anything else to the contrary: -

   (1) Contractor's total aggregate liability under this Agreement shall not in any case exceed 100% of the value of this Agreement;

   (2) neither party shall be liable for any indirect, consequential, special, remote, exemplary, punitive or speculative losses or any losses or damages for loss of profits or business even if such party has been advised of the possibility of such costs or damages; and

   (3) the Contractor shall have no liability for matters outside of its own scope of works.

h. This Agreement along with the WO contains the entire terms of agreement between the Parties and supersedes any previous oral or written understandings, commitments or agreements pertaining to the subject matter. This Agreement may not be amended, assigned nor any obligation waived, except by in writing signed by both Parties.

i. In the event that any or any part of the provisions contained in this Agreement is determined to be invalid, unlawful or unenforceable to any extent, such provision shall

be severed from the remaining provisions which shall continue to be valid and enforceable to the fullest extent permitted by law.

j. The Foundation shall not either directly or indirectly assign, transfer, charge or in any manner make, offer or purport to assign, transfer or charge this Agreement or any rights herein or any part thereof without the previous consent in writing of the Contractor.

k. **Governing Law and Arbitration:** The Parties agree that this Agreement shall be governed and construed in accordance with the laws of India. The Parties hereto agree that they shall use all reasonable efforts to resolve between themselves any disputes, controversy or claim arising out of or relating to this Agreement. If the Parties fail to resolve the matter within the 30 days of occurrence of any despite, such dispute, controversy or claim shall be settled by binding arbitration under the Indian Arbitration and Conciliation Act, 1996. There shall be one arbitrator mutually appointed by the Parties. The place of arbitration shall be Bangalore and the arbitration proceedings shall be in English. The courts at Bangalore alone shall have the jurisdiction to entertain and, or try any dispute arising out of or in connection with or in relation to the terms of this Agreement.

ANNEXURE 1: TECHNICAL SPECIFICATIONS

1. **Radiant Warmer**

Technical characteristics	Specifications up to: 2000 mm (Height) X 900mm (Width) X 1100 mm (Length). It should be microcontroller based radiant warmer with manual and servo options. It should have a facility to display skin set, skin observed temperature in degree C and heat power separately. Should have user friendly touch panel control. It should have ceramic or quartz infrared or calrod heater. It should have audio-visual alarm facility for overheating beyond set temperature range. It should have alarm facility for patient temperature less than or greater than the required temperature i.e. above or below the set range. Machine should sense the skin probe failure and cut off the heater. Warmer head should be rotatable in different direction, so as to allow taking X-ray. It should have alarm for probe failure, power failure, system failure and heater failure.

	Observation light of 90 to 100foot candles or 1000 Lux (colour temperature range 3700K to 5100K) should be provided for inspection. The desired temperature range from 25 to 40 degree C and settable temperature can be from 32 to 38°C. It should have separate bassinet trolley, bed should be tiltable and have provision for x-ray cassette holder, Mattress foam density should be minimum 25 kg/cm3, transparent collapsible side walls easily detachable for cleaning. Mattress size should be minimum 20"X30". Should have a Feather Touch operation with large digital display and comprehensive alarms. Control Panel should be liquid proof and allow easy and hygienic disinfection. Manual Mode can adjust Heater Output 10 -100 %, with 10% increment, an auditory and visual alarm shall be given at least every 15 min. In manual mode, heater cut off / switch off, if the maximum irradiance at any point of the mattress area exceeds a total irradiance level of 10 mW/ cm2 (between 10 to 30 minutes). Bed should be about 80 - 100 cms from the Floor and 80-90cms from the heat source. Should have lockable castor wheels. Green indicator light shall be provided to indicate that warmer is ready for normal use. Markings on the bassinet and X-Ray cassette holder is mandatory to enable proper positioning of the baby while doing the X-Ray. At present we do not have this feature, but can be incorporated) The size of the drop-down sides should be such that it is 5" above the mattress surface and should be at least 6mm thick; clear and transparent. If there is more than 60% heater output for 10 minutes it should cut off with alarm. For the purpose of cable management there should be at least two number of tubing ports (edges covered by silicon rings) on the side walls. The height of the side walls should be minimum 110mm over the mattress. X-Ray cassette tray should be at least 750X350mm and should adopt up to 20mm thick X-Ray cassette. The bay bed should be crevice free for ease of cleaning, infection control. The mattress used should be of biocompatible material. Skin temperature probe should be small in size not more than 10mm diameter and 3-4mm thick to fix the probe firmly on the infant. Baby

	contact material should be biocompatible as per ISO 10993 standard requirement. It should be insulated on one side and have well conducting non-rusting, non-reacting metallic surface on the other side. Probe wire should be pliable, thin and soft. The attachment site of the probe with the wire should also be pliable and non-stiff.
Dimensions (metric)	Specifications up to: 2000 mm (Height) X 900mm (Width) X 1100 mm (Length).
Power consumption	Maximum 650 Watt
Warranty	1 year

2. Suction Apparatus

Technical characteristics	0-700 mm Hg ± 10 regulable, flutter free vacuum control knob, 25ltrs/min, tight fitting jar cap, vacuum capacity; 18 litres/min, maximum depression: -75kPa (-563mmHg). Wide mouthed 2 x 2 Ltrs. (Polycarbonate) with self-sealing bungs and mechanical over flow safety device. Should have a noiseless Operation Should provide filter to absorb moisture and water particles entering into the rotor. Should be well-designed, cabinet made of Stainless Steel 304 Grade.
Dimensions (metric)	Max: 43 x 30 x 68 cms
Weight (lbs, kg)	Max: 27Kg
Power consumption	200 Watt or Below
Certificates	Should be FDA / CE approved product
Warranty	1 Year

3. **Examination Light /Spotlight (Labour Room)**

Technical characteristics	1.Colour temperature to be between 3,000 and 5,000 K; shadowless. 2.Maximum illumination level at 1m distance to be between 40,000-60,000 lux. 3. Colour rendering index to be 93 or greater 4. Minimum bulb life required 1,000 hours (incandescent type) or 20,000 hrs (LED type). 5. Field diameter required | |16cm, field depth required | | 50cm. 6. Focal length required | | 65 cm. 7. Heat to light ratio to be ≤ 6 mW/m2. lx.

	8. Brightness control to allow full adjustment from zero to maximum illumination. 9. Bulb voltage and type to be clearly labelled on external body. 10. Replacement bulbs to be locally available. 11. Front panel to include power switch and battery state indicator. 12. Automatic switching to battery power in the event of power failure. 13. Should maintain cool temp and the heat disbursed through a exhaust fan.
Power consumption	30 Watt or below
Certificate	Should be FDA / CE approved product
Warranty	1 Year

4. Microscope

Technical characteristics	1.Body-Single mould sturdy stand 2.Inclined Binocular body 30 °, 360º rotatable head 3.Objectives-Parfocal, antifungus coated 4x, 10x, 40x and 100x (oil immersion) with semi planner achromatic correction. Objective should be well centred even if their position on turret is changed. 4. Stage - Double plate rackless horizontal mechanical stage preferably 100 x 140 mm with fine vernier graduations designed with convenient coaxial adjustment for slide manipulation preferably through 30 x 70 mm double slide holder. 5. Illuminator-Built-in LED light source with white light with intensity control and LED life preferably more than 10, 000 Hrs. 6. Finish-A durable textured acid resistant finish. 7. Nose piece: Backward tilted revolving nose piece suitable to accommodate four objectives with click stop and rubber grip. 8. Focussing: Coaxial coarse and fine focussing knob, capable of smooth, fine focussing movement sensitivity; minimum: 300 microns; focussing stop for slide safety
Power consumption	10 Watt or below
Certificate	Should be FDA / CE approved product
Warranty	1 Year

5. Centrifuge

Technical characteristics	1. Speed: Maximum Range 3000 to 6000 RPM. 2. Reciprocating Centrifugal force (RCF): 1500 to 3000. 3. Minimum Capacity: 240 ml. 4. Auto Lid interlock to prevent opening while running centrifuge with emergency lidlock release. 5. Motor imbalance detector feature - desirable. 6. Microprocessor with digital display. 7. Dynamic break for quick declaration. 8. Stainless steel Chamber easy to clean. 9. Hinges to prevent door falling. 10. Rotor Sizes: 16 x 15ml. 12. Rotors should be autoclavable
Power consumption	200 Watt or below
Certificate	Should be FDA / CE approved product
Warranty	1 Year

6. Gynae Examination table/ Labour Table

Technical characteristics	A portable, collapsible chair/table for performing an OB/GYN examination or procedure, comprising a collapsible chair structure having a seat, a back rest, a pair of armrests and a pair of substantially planar leg rests, said chair being moveable between a collapsed condition for storage and/or transport and an examination position in which it enables a patient to be seated in a position suitable for an OB/GYN examination or procedure, said chair when in said examination position. 1. Should have Head side adjustment 75° up on ratchet 2. MS tubular construction 3. Perineal cut-out 4. Should be Mounted on PVC shoe 5. Pre-treated and powder coated 6. In built sliding side stool 7. Adjustable Lithotomy Rods with rexine covered padded crutches 8. U-Cut at leg end 9. Dimensions: 830 mm L X 610 mm W X 760 mm H(minimun) 10. Mattress 50 mm with U Cut thick should be tear proof covered with non-pinching Rexine, seamless joint, washable and water-proof

Warranty	1 Year

7.Instrument Trolley

Technical characteristics	1.SS Sheet at the top for the placement of instruments. 2.Over dimension 775mm L* 531mm W * 915mm H. 3.Top Shelf and Bottom Shelf are SS sheet, Supporting Legs and Horizontal Bars are S.S Tube. 4.Castors - Plastic injection moulded castors 125mm. Load Capacity 10 kg.
Warranty	1 Year

8. Foot Step

Technical characteristics	1.Size should be 665mm L *485mm W*393mm H. 2. Antimicrobial and thermosetting epoxy polyester powder coating. 3.Load capacity 135 kg
Warranty	1 Year

9. Gynaecology Set/Delivery Kit (Sub Centre)

Sl. No	Equipment	Quantity
1	Instrument Tray	2
2	Kidney Tray	1
3	SS Bowl	1
4	Artery Forcep Straight and Curved 6 and 8 Inch	4
5	BP Handle	2
6	Scissor Straight and Curved 8 Inch	2
7	Sims Speculum SML	3
8	Sponge Holding Forceps	1
9	Chetal Forceps	1
10	Utrin Sound	1
11	Vaginal Wall Retractor	1

12	Needle Holder 6 and 8 Inch	2
13	Episotamy Scissors	1
14	Umblical Cord Cutting Scissor	1
15	Deseting Forceps Non Tooth/ Tooth/Plain	3
16	Kellis Pad	1
17	Rubber Sheet	1
18	Kocher Artery Forcep Straight Curved	2
19	Loop hook	1
Warranty	1 Year	

10. Gynaecology Set/Delivery Kit (Primary Health Centre and Community Health Centre)

Sl. No	Equipment	Quantity
1	Instrument Tray	2
2	Kidney Tray	1
3	SS Bowl	1
4	Artery Forcep Straight and Curved 6 and 8 Inch	4
5	Allice Forceps 6 and 8 Inch	2
6	BP Handle	2
7	Scissor Straight and Curved 8 Inch	2
8	Sims Speculum SML	3
11	Sponge Holding Forceps	1
12	Valsalum Forceps	1
13	Chetal Forceps	1
14	Utrin Sound	1
15	Vaginal Wall Retractor	1
17	Utrine Curreat	1
18	Dailetar Set	1
19	Mosquto Forceps Straight and Curved	2
20	Needle Holder 6 and 8 Inch	2
21	Episotamy Scissors	1

22	Umblical Cord Cutting Scissor	1
23	Deseting Forceps Non-Tooth/ Tooth/Plain	3
24	Towel Cup	2
26	Kellis Pad	1
27	Rubber Sheet	1
29	Kocher Artery Forcep Straight Curved	2
31	Babcock Forceps 6 and 8	2
32	Loop hook	1
Warranty	1 Year	

11. ECG Machine – 12 Channel

1. Technical Characteristics		
1.1	Technical Characteristics	a. Simultaneous 6 Channel ECG recording with 12 lead simultaneous acquisition. b. Should have a digital display of 6 channel ECG and should have three modes (Automatic, Manual and Rhythm). c. Heart rate measurement range to be at least 30 bpm to 250 bpm, with accuracy better than + or – 5 bpm. d. Heart rate trend display of at least previous 24 hours. e. Arrhythmia detection facility required, minimum gradation of 1 bpm.
1.2	User's Interface	Manual, English Menu.
1.3	Settings	Audio-visual alarms required: high and low heart rate (operator variable settings), cardiac arrhythmia, sensor/wire disconnected, low battery.
1.4	Software and/ or standard of communication (where ever required)	In built
2. Physical Characteristics		
2.1	Weight	Less than 5 Kilograms.
2.2	Configuration	Case is to be hard and splash proof.
2.3	Mobility & Portability	Supplied in protective case for clean storage and safe transportation.
3. Energy Source		
3.1	Power requirements	220 to 240V, 50Hz
3.2	Battery Operated	Battery powered, silence able alarm for power failure.

		Battery charger to be integral to main power supply, and to charge battery during mains power operation of unit. Internal, replaceable, rechargeable battery to allow operation for at least one hour in the event of power failure or for the purpose of utilization during outreach clinics.
3.3	Protection	Voltage corrector/stabilizer to allow operation at+ or –30% of local rated voltage.
3.4	Power Consumption	Energy efficient ones are preferred.
3.5	Other requirements	Mains cable to be at least 3 meters in length.
4. Accessories, Spare parts, Consumables.		
4.1	Accessories (mandatory, standard, optional).	12 lead ECG cable.
4.2	Spare parts (main ones).	Two sets of spare fuses (if non-resettable fuses used)
4.3	Consumables / reagents (open, closed systems).	5 tubes of electrode gel.
5. Standards and Safety.		
5.1	Certificates, Performance and safety standards.	a. The medical device should be US FDA/CE/BIS/CDSCO/AERB approved (US FDA/CE requirements will be applicable only when the Indian standards on medical devices laid by organization like BIS/CDSCO/AERB is not available). b. Manufacturer should have ISO 13485 certification for quality standards. c. Electrical safety conforms to the standards for electrical safety IEC 60601-1 General requirements (or equivalent BIS standard). d. History of adverse events and actions (Recall/Field safety correction etc.) taken by manufacturer on the product should be made available to procurer. Such information (as and when happen) after commission of product should be continued to be provided to purchaser till manufacturing of same type of product is curtailed.
6. Training and Installation		
6.1	Electrical Socket	Availability of 5 Amp / 15 Amp (Indian type) electrical socket
6.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover.
6.3	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced

		maintenance tasks required shall be documented.
7. Warranty and Maintenance.		
7.1	Warranty	3 Years, including all spare parts and accessories.
8. Documentation.		
8.1	Operating manuals, set manuals & other manuals	Should provide a hard and a soft copy of: a. User, technical and maintenance manuals should be supplied in English/Hindi/Regional language along with machine diagrams. b. List of equipment and procedures required for local calibration and routine maintenance. c. Service and operation manuals. d. Advance maintenance tasks documentation. e. Certificate of calibration and inspection.
9. Other terms		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided. Any contract (AMC/CMC/ad-hoc) to be declared by the manufacturer.

12. Nebulizer (Compressor Type)

1. Technical Characteristics		
1.1	Technical Characteristics	a. Should be non-heating, light weight, portable, compact and easy to use. b. Should have 3 speed nebulization rate control (minimum, medium and maximum) c. Should have a nebulization capacity of 0.3 ml/min. d. Should provide silent operation. e. Should have a built in timer and shuts off after 10 minutes of use.
1.2	User's Interface	Manual, English Menu.
1.3	Settings	Audio-visual alarms required: high and low heart rate (operator variable settings), cardiac arrhythmia, sensor/wire disconnected, low battery.
1.4	Software and/ or standard of communication (where ever required)	In built
2. Physical Characteristics		
2.1	Weight	Lighter weight is preferable.
2.2	Noise (in dBA)	<50 dB.

2.3	Heat Dissipation	Should maintain nominal temperature and the heat should be disbursed through a cooling mechanism.
2.4	Mobility & Portability	Supplied in protective case for clean storage and safe transportation.
3. Energy Source		
3.1	Power requirements	220 to 240V, 50Hz
3.2	Battery Operated	Prefer battery operated but not limited to it.
3.3	Protection	Voltage corrector/stabilizer to allow operation at+ or – 30% of local rated voltage.
3.4	Power Consumption	Energy efficient ones are preferred.
4. Accessories, Spare parts, Consumables and Disinfection.		
4.1	Accessories (mandatory, standard, optional). Spare parts (main ones). Consumables / reagents (open, closed systems).	Should be provided with a complete nebulization kit of 10 Nos. including adult and child mask and medication cup – 5 Nos., Air Tube, 5 pieces replacement filters, mouthpiece, adult mask, child mask, carrying bag and instruction manual.
4.2	Disinfection	a. Parts of the device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.
5. Standards and Safety.		
5.1	Certificates, Performance and safety standards.	e. The medical device should be US FDA/CE/BIS/CDSCO/AERB approved (US FDA/CE requirements will be applicable only when the Indian standards on medical devices laid by organization like BIS/CDSCO/AERB is not available). f. Manufacturer should have ISO 13485 certification for quality standards. g. Electrical safety conforms to the standards for electrical safety IEC 60601-1 General requirements (or equivalent BIS standard). h. History of adverse events and actions (Recall/Field safety correction etc.) taken by manufacturer on the product should be made available to procurer. Such information (as and when happen) after commission of product should be continued to be provided to purchaser till manufacturing of same type of product is curtailed.
6. Training and Installation		
6.1	Electrical Socket	Availability of 5 Amp / 15 Amp (Indian type) electrical socket

6.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover.
6.3	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced maintenance tasks required shall be documented.
7. Warranty and Maintenance.		
7.1	Warranty	3 Years, including all spare parts and accessories.
8. **Documentation.**		
8.1	Operating manuals, set manuals & other manuals	Should provide a hard and a soft copy of: f. User, technical and maintenance manuals should be supplied in English/Hindi/Regional language along with machine diagrams. g. List of equipment and procedures required for local calibration and routine maintenance. h. Service and operation manuals. i. Advance maintenance tasks documentation. j. Certificate of calibration and inspection.
9. **Other terms**		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided. Any contract (AMC/CMC/ad-hoc) to be declared by the manufacturer.

13. Autoclave HP Vertical (Single Bin)

1. Technical Characteristics		
1.1	Technical Characteristics	a) High Grade strong stainless steel, Triple walled construction. b) Positive radial self-locking safety doors. c) Hydrostatically tested to withstand 2.5 times the working pressure. d) Sealed with Neoprene/Silicon long-lasting and durable gasket. e) Digital display for Jacket and Chamber pressure and temperature. f) Outer jacket insulated to prevent heat loss; with a high grade insulation g) material h) Mounted on 304 stainless steel frame with ground levelling flanges. i) Temperature and pressure cut-off device. j) Auto cut-off at low water level

		k) Rust-proof 304 grade stainless steel. l) Cylindrical construction. m) Equipment should have separate steam release valve and drainage system. n) Minimum of two safety valves with auto-release at 16 and 20.
1.2	User's Interface	Manual.
1.3	Settings	Audio-visual alarms required: high and low heart rate (operator variable settings), cardiac arrhythmia, sensor/wire disconnected, low battery.
2. Physical Characteristics		
2.1	Weight	NA
2.2	Capacity	10 Litres
3. Energy Source		
3.1	Power requirements	220 to 240V. Input – Single/3-Phase.
3.2	Pressure gauge	0 to 2.1 Kgf/cm^2
3.3	Operating pressure	15 to 20 psi.
3.4	Sterilizing pressure	1.2 Kgf/cm^2 (15 psi) at 121^0C
3.5	Power Consumption	Upto 1kW. Energy efficient ones are preferred.
3.6	Protection	Equipped with both a safety valve and steam release valve.
4. Accessories, Spare parts, Consumables and Disinfection.		
4.1	Accessories (mandatory, standard, optional). Spare parts (main ones). Consumables / reagents (open, closed systems).	a. Automatic Pressure Control Switch -2 no. b. Automatic Water Cut-off Device -2 no. c. Micro Processor PID Controller with Timer & Auto Stop Facility d. Digital Pressure Indicator-2 no. e. Perforate basket (rust-free stainless steel) f. Cord-plug-4 no. g. Biological and chemical indicators-1 set.
5. Standards and Safety.		
5.1	Certificates, Performance and safety standards.	a. Should be FDA/CE/BIS approved product. b. Manufacturer and Supplier should have ISO 13485 certification for quality standards. c. Electrical safety conforms to the standards for electrical safety IEC 60601-General requirements (or equivalent BIS Standard) d. Shall meet internationally recognised for Electromagnetic Compatibility(EMC) for electro medical equipment: 61326-1. e. Certified to be compliant with IEC 61010-1,IEC 61010-2-40 for safety.

6. Training and Installation		
6.1	Electrical Socket	Availability of 5 Amp / 15 Amp (Indian type) electrical socket
6.2	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced maintenance tasks required shall be documented.
7. Warranty and Maintenance.		
7.1	Warranty	3 Years, including all spare parts and accessories.
7.2	Maintenance tasks	a. Maintenance and manual detailing complete maintenance schedule.
8. **Documentation.**		
8.1	Operating manuals, set manuals & other manuals	Should provide a hard and a soft copy of: a. User, technical and maintenance manuals should be supplied in English/Hindi/Regional language along with machine diagrams.
9. **Other terms**		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided. Any contract (AMC/CMC/ad-hoc) to be declared by the manufacturer.

14. Automated External Defibrillator

1. Technical Characteristics		
1.1	Technical Characteristics	a. Unit should be lightweight compact and portable. b. Unit should have facility for Automatic External Defibrillation and manual defibrillation. c. Should be able to deliver shock from 50-200 joules in biphasic mode via metal chest pads. d. Should have design protection to avoid passage of current to the user. e. The whole system should have an inbuilt recorder; TELEMETRY NOT RECOMMENDED. f. Additional option of hand cranked power generation is preferable.
1.2	User's Interface	The monitor should have a TFT colour display with a three-channel display.
1.3	Settings	Manual and automatic.

1.4	Software and/ or standard of communication (where ever required)	In built
10. Physical Characteristics		
2.1	Weight	Less than 10 Kilograms. Lighter weight preferred.
2.2	Noise (In dBA), heat dissipation	<60dBA; adjustable heart rate alarm as well as paddles & ECG cable disconnection alarms.
2.3	Mobility & Portability	Should be designed for portability and withstand vibrations from rough terrain.
11. Energy Source		
3.1	Power requirements	220 to 240V, 50Hz
3.2	Battery Operated	Rechargeable battery backup of approximately 5 hours or battery less hand cranked ones.
3.3	Protection	+ or – 10% of input AC.
3.4	Power Consumption	Should not be more than 160 W. Energy efficient ones are preferred.
12. Accessories, Spare parts, Consumables.		
4.1	Accessories (mandatory, standard, optional).	Chest paddles
4.2	Consumables / reagents (open, closed systems).	ECG cable, Recording paper rolls, Disposable pads.
13. Standards and Safety.		
5.1	Certificates, Performance and safety standards.	FDA, CE; IEC-60601-1-2:2007; IEC 60601-1-8-2006; IEC 60601-1-SER-Ed 1.0-2011; IEC/TRF 60601-1-8 Ed4.0-2010; ISO 13485.
14. Training and Installation		
6.1	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover.
6.2	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced maintenance tasks required shall be documented. Certificate of calibration and inspection from the factory.
15. Warranty and Maintenance.		
7.1	Warranty	3 Years.
16. Documentation.		
8.1	Operating manuals, set manuals & other manuals	Should provide a hard and a soft copy of: a. User, technical and maintenance manuals should be supplied in English/Hindi/Regional language along with machine diagrams. b. List of equipment and procedures required for local calibration and routine maintenance.

		c. Service and operation manuals. d. Advance maintenance tasks documentation. e. Certificate of calibration and inspection.
8.2	Other documentation	List of important spares and accessories with their part numbers and cost to be provided.
17. Other terms		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided. Any contract (AMC/CMC/ad-hoc) to be declared by the manufacturer.

15. Portable Ultrasound Machine

1. Technical Characteristics		
1.1	Technical Characteristics	Ultrasound scanner with integrated trolley with probe, soft touch alphanumeric key board with track ball: a. With panel switches & control's easily operable. b. Integrated high resolution Monitor (17"). c. Probes & Gel holder-conveniently placed (2 each). Following transducers are to be supplied: a. A-2.0-5.0 MHz Multi frequency Convex Transducer-One. b. B-5.0-12.0 MHz Multi frequency Linear Transducer-One. c. C-5.0-8.0 MHz or more Endo Cavitory probe-One. (+/- 1 MHz to be allowed for each): ● All probes should be electronic transducers and multi-frequency preferably three frequencies and should give aperture & depths of scanning. ● Controls for Depth, gain compensation, body markers with transducers position. ● Real-time continuous dynamic focus. ● Auto annotation facility anywhere on image. ● Image display in B, B/M&M Model(2B&2D). ● Zoom facility minimum five times or more. ● Shades of grey 256 h. Inbuilt cine memory. 43 Technical Specification RADIOLOGY ● Unite should be capable of measuring BPD, CRL, FL & AC and other GA parameters. ● Facility for image magnification, inversion, changing, scan, direction, freeze facility. ● 8 step STC/GTC should be available.

		● Frame rate minimum 50 FPS, hard disk capacity of 200GB or more. ● Calliper with trackball for the measurement of distances circumferences, area volume etc. should be possible to make different measurement on single image. ● Alphanumeric key board, p.Panel Switches & Foot Controls. ● Patient reports for Obs/Gynae including fetal growth trend, including Histogram facility for Tissue texture & Trend graph for IUGR cases, Urology and orthopedics. ● Give the gain adjustable/Range & its steps. ● Calculations needed, Velocity, Heart rate, Volume addl. modes. ● Dicom 3.0 compatible. ● Review of stored images is desirable. ● Channels: 1000 or more. ● Depth: 25 to 30 cm. ● Dynamic range: 170dB & above. ● Cine loop preview for minimum 60 secs or more. ● Minimum 2 active ports should be there.
1.2	User's Interface	Manual
1.3	Software and/ or standard of communication (where ever required)	In built
	2. Physical Characteristics	
2.1	Weight	Less than 8 Kilograms. Lighter weight preferred.
2.2	Mobility & Portability	Portable
	3. Energy Source	
3.1	Power requirements	220 to 240V, 50Hz
3.2	Battery Operated	NA
3.3	Power Consumption	Energy efficient ones are preferred.
	4. Accessories, Spare parts, Consumables.	
4.1	Accessories (mandatory, standard, optional). Consumables / reagents (open, closed systems).	The system should be supplied with the following accessories: a. B & W thermal printer with 50 rolls. b. Two KVA online suitable UPS.
	5. Standards and Safety.	
5.1	Certificates, Performance and safety standards.	a. Should be FDA/CE/BIS approved product. b. Manufacturer and Supplier should have ISO 13485 certification for quality standards.

		c. Electrical safety conforms to the standards for electrical safety IEC 60601- General requirements (or equivalent BIS Standard). d. Shall meet internationally recognised for Electromagnetic Compatibility(EMI/EMC) for electro medical equipment: 61326-1. e. Certified to be compliant with IEC 61010-1, IEC 61010-2-40 for safety.
5.2	Local and/or international	Manufacturer / supplier should have ISO 13485 certificate for quality standard.
	6. Training and Installation	
6.1	Pre-installation requirements:	a. Availability of 5-amp socket. b. Safety and operation check before hand over. c. Machine to be installed only when PNDT registration is obtained by health care facility.
6.2	Requirements for sign-off	Certificate of calibration and inspection from the manufacturer
6.3	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced maintenance tasks required shall be documented. Certificate of calibration and inspection from the factory.
	7. Warranty and Maintenance.	
7.1	Warranty	3 Years.
7.2	Maintenance tasks	CMC 5 Years, 2 maintenance visits annually.
7.3	Service contract clauses, including prices.	The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee/warranty period should be attached.
	8. Documentation.	
8.1	Operating manuals, set manuals & other manuals	Should provide a hard and a soft copy of: a. User, technical and maintenance manuals should be supplied in English/Hindi/Regional language along with machine diagrams. b. List of equipment and procedures required for local calibration and routine maintenance. c. Service and operation manuals. d. Advance maintenance tasks documentation. e. Certificate of calibration and inspection.
8.2	Other documentation	List of important spares and accessories with their part numbers and cost to be provided.

b. **Other terms**		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided. Any contract (AMC/CMC/ad-hoc) to be declared by the manufacturer.

16. Multipara Monitor

1. Technical Characteristics		
1.1	Technical Characteristics	1. Should have facility for printing ECG at 25mm/sec and 50mm/sec speed. 2. Should have facility for charging from both 12V DC & 220V AC. 3. Should be supplied with. i. Pulse oximeter probe. ii. ECG cable -12 lead. iii. Temperature probe. iv. NIBP (non-invasive blood pressure) probe All probes should be supplied in 2 pairs, should be re-usable and should include adult, pediatric & neonatal size cuff/leads. 2. Capable of saving data for min 24 hrs. 3. Rates for consumables should be offered in price bid. 4. Optional item to be quoted: invasive blood pressure-monitoring module complete with reusable transducer.
1.2	User's Interface	Manual (touch screen or remote operated not mandatory).
1.3	Settings	User operated 1mV ECG test marker function required.
1.4	Software and/ or standard of communication (where ever required)	Audio Visual alarms required: high and low levels for each parameter (operator variable settings), sensor / wire / probe disconnected, low battery.
2. Physical Characteristics		
2.1	Dimensions (metric)	Screen size minimum 8.4"
2.2	Weight	Less than 6 Kilograms.
2.3	Configuration	Case is to be hard and splash proof. Display must allow easy viewing in all ambient light levels. Cable connectors to be designed so as fit correct socket only.
2.4	Mobility & Portability	Supplied in protective case for clean storage and safe transportation.
3. Energy Source		
3.1	Power requirements	220 to 240V, 50Hz
3.2	Battery Operated	Battery charger to be integral to mains power supply, and to charge battery during mains power operation of unit. Battery powered, silence able alarm for power failure. Internal, replaceable, rechargeable battery

		allows operation for at least one hour in the event of power failure.
3.3	Tolerance (to variations, shutdowns)	Voltage corrector/stabilizer to allow operation at+ or – 30% of local rated voltage.
3.4	Protection	Electrical protection provided by fuses in both live and neutral supply lines.
3.5	Power Consumption	Less than 120W. Energy efficient ones are preferred.
	Other requirements	Mains cable.
4. Accessories, Spare parts, Consumables.		
4.1	Accessories (mandatory, standard, optional).	2 pairs, 12 lead ECG cable. 5 packs of 100 disposable ECG connection electrodes. Two sets of reusable SpO2 probes including adult, paediatric & neonatal probes. Two sets of NIBP cuffs of each size. Two external skin temperature probes.
5. Standards and Safety.		
5.1	Certificates, Performance and safety standards.	FDA / CE; IEC-60601-1-2:2007; IEC 60601-1-8-2006; IEC 60601-1-SER-Ed 1.0-2011; IEC/TRF 60601-1-8 Ed4.0-2010; ISO 13485; ISO 80601-2-56-2009 (Thermometer); ISO 80601-2-61-2011 (SpO_2)
6. Training and Installation		
6.1	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation.
6.2	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced maintenance tasks required shall be documented.
7. Warranty and Maintenance.		
7.1	Warranty	3 Years.
8. Documentation.		
8.1	Operating manuals, service manuals & other manuals	Advanced maintenance tasks required shall be documented. User, technical and maintenance manuals to be supplied in English/Hindi/Local language. List to be provided of equipment and procedures required for local calibration and routine maintenance.
9. Other terms		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided.

17. Fully Automated Biochemistry Analyser

Fully Automated Biochemistry Analyser		
1. Technical Characteristics		
1.1	Technical Characteristics	1. Fully automated, random access chemistry analyser; The equipment should be capable all Routine STAT and special Biochemical tests including specific protein, therapeutic drugs, drugs of abuse and user defined applications. 2. Throughput: 400 tests/hour, up to 200t/hour with ISE. 3. Must have direct ISE Unit for Na, K and Cl Measurement. 4. ISE Electrode should last for 6 months. 5. Must be open Ended system with bare code reading (optional). 6. System should have 12 Wavelengths 340 to 700 nm. 7. System should be supplied with PC, windows based interface and Bidirectional Connection. 8. Minimum reaction volume of 150 µl built in/stand alone. 9. Must have built in Cooled Reagent Compartment with minimum 350 ml with sample volume 2- 70 ml. 10. Auto diagnosis of machine errors with message and correction steps. 11. Must have on board capacity for permanent and numbered cuvettes. 12. Separate reagent probe for R1 and R2 and sample. 13. Laundry System with minimum 5 step washing. 14. Sample dead volume maximum100 µl in sample cup and maximum 50 µl in Paediatric cups. 15. Should have external and internal probe cleaning facility. 16. calibration should be Linear factor, 2 point/point to point/multi point and Exponential with maximum 8 calibrators per test. 17. Sample type should include Serum, plasma, Urine, CSF, body fluids and Supernatant with at least 70 sample positions for routine and STAT Test. 18. Should have Light Source with minimum 1000 hrs life cycle with bar code facility with option for bar code on/off. 19. Should have 10, 000 Patient Result Storage 20. Online QC Tracking with Levy and Jennings Chart for up to 30 different points. 21. The Equipment should be FDA/European CE/BIS certified.
1.2	User's Interface	Built-in / Automatic

1.3	Software and/ or standard of communication (where ever required)	Audio Visual alarms required: high and low levels for each parameter (operator variable settings), sensor / wire / probe disconnected, low battery.
2. Physical Characteristics		
2.1	Heat Dissipation	Heat Dissipation: Should maintain nominal temperature and the heat should be disbursed through an cooling mechanism.
2.2	Mobility & Portability	Stationary lab installation.
3. Energy Source		
3.1	Power requirements	220 to 240V, 50Hz
3.2	Battery Operated	No
3.3	Tolerance (to variations, shutdowns)	Voltage corrector/stabilizer to allow operation at+ or – 10% of local rated voltage.
3.4	Protection	Electrical protection provided by fuses in both live and neutral supply lines.
3.5	Power Consumption	Energy efficient ones are preferred.
4. Accessories, Spare parts, Consumables.		
4.1	Accessories (mandatory, standard, optional).	1. Suitable Water plant/Purification System on RO or any latest technology. 2. External printer. 3. UPS on line pure sine wave for back up of system with PC and IT peripherals for half hour. 4. Open System. 5. One light source.
5. Standards and Safety.		
5.1	Certificates, Performance and safety standards.	1. Should be FDA/CE/BIS approved product. 2. Manufacturer and supplier should have ISO 13485/US (FDA)/EU(CE) certification for quality standards. 3. Shall meet internationally recognised for Electromagnetic Compatibility (EMC) for electro medical equipment: 61326-1 4. Certified to be compliant with IEC 61010-1, IEC 61010-2-281
5.2	Local and/ or International	Manufacturer/supplier should have ISO 13485 certificate for quality standard.
6. Training and Installation		
6.1	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation. Certification of calibration and inspection from the manufacturer.

6.2	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced maintenance tasks required shall be documented.
7. Warranty and Maintenance.		
7.1	Warranty	3 Years.
8. **Documentation.**		
8.1	Operating manuals, service manuals & other manuals	Should provide 2 sets (hardcopy and soft-copy) of: a. User, technical and maintenance manuals to be supplied in English / Hindi language along with machine diagrams. b. List of equipment and procedures required for local calibration and routine maintenance. c. Service and operation manuals (original and copy) to be provided. d. Advanced maintenance tasks documentation. e. Certificate of calibration and inspection.
9. **Other terms**		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided. Any Contract (AMC/CMC/ad-hoc) to be declared by the manufacturer.

18. Automated 5-Part Differential Hematology Analyser

1. Technical Characteristics		
1.1	Technical Characteristics	1) Five-part differential. 2) 24 parameters, all different WBC's should be measured directly. 3) Advanced, integrated self-cleaning system. 4) On-screen patient results trending. 5) Stores 5, 000 test results with histograms and scattergrams. 6) Integrates with common practice management systems. 7) maximum sample required 100 µL sample size permits whole blood analysis from venous collections. 8) Parameters Total Leukocytes (White Blood Cells) and Differential (in absolute numbers and %) for: Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils. 9) Sample Material Capillary or venous (EDTA) whole blood. 10) Linearity of all parameters. 11) Measuring Time Within 60 Sec.

		12) System must have throughput of atleast 60 samples per hour in all discrete modes. 13) Manual mode. 14) Stat mode. 15) Pre-diluted mode and whole blood mode.
1.2	User's Interface	Printer, keyboard, barcode reader, PC, optional.
1.3	Software and/ or standard of communication (where ever required)	NA
2. Physical Characteristics		
2.1	Heat Dissipation	Heat Dissipation: Should maintain nominal temperature and the heat should be disbursed through an cooling mechanism.
2.2	Mobility & Portability	Stationary lab installation.
3. Energy Source		
3.1	Power requirements	220 to 240V, 50Hz. Recharging unit: Input voltage-single/3-phase.
3.2	Battery Operated	No
3.3	Operating temperature	Analyser: 4-50^{0}C Capillary samples from finger stick: 18-25^{0}C
3.4	Tolerance (to variations, shutdowns)	Voltage corrector/stabilizer to allow operation at+ or – 10% of local rated voltage.
3.5	Protection	Electrical protection provided by fuses in both live and neutral supply lines.
3.6	Power Consumption	Less than 500 VA. Energy efficient ones are preferred.
4. Accessories, Spare parts, Consumables.		
4.1	Accessories (mandatory, standard, optional).	1. 2D-Barcode Scanner. 2. Reagents: All the reagents required for 1000 tests should be supplied with the equipment along with one set of tri level control. 3. Closed System rates to be closed for all test. 4. Online UPS System for 30 minutes back up.
5. Standards and Safety.		
5.1	Certificates, Performance and safety standards.	1. Should be FDA/CE/BIS approved product. 2. Manufacturer and Supplier should have ISO 13485/US(FDA)/EU(CE) certification for quality standards. 3. Shall meet internationally recognised for Electromagnetic Compatibility(EMC) for electromedical equipment: 61326-1. 4. Certified to be compliant with IEC 61010-1, IEC 61010-2-281, 61010-2-101 for safety.
5.2	Local and/ or International	Manufacturer/supplier should have ISO 13485 certificate for quality standard.
6. Training and Installation		

6.1	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation. Certification of calibration and inspection from the manufacturer.
6.2	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced maintenance tasks required shall be documented.
7. Warranty and Maintenance.		
7.1	Warranty	3 Years.
8. Documentation.		
8.1	Operating manuals, service manuals & other manuals	Should provide 2 sets (hardcopy and soft-copy) of: a. User, technical and maintenance manuals to be supplied in English / Hindi language along with machine diagrams. b. List of equipment and procedures required for local calibration and routine maintenance. c. Service and operation manuals (original and copy) to be provided. d. Advanced maintenance tasks documentation. e. Certificate of calibration and inspection.
8.2	Other accompanying document	List of important spares and accessories, with their part numbers and cost.
9. Other terms		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided. Any Contract (AMC/CMC/ad-hoc) to be declared by the manufacturer.

19. Portable Vaccine Carrier – Active

1	**Technical Characteristics**	
s	Technical Characteristics	f. Net vaccine storage should be between 1.2 to 2.0 litres. g. Construction: Internal: Stainless steel 304 grade and external corrosion resistant. h. Solid door with lock and handle. i. Compression cycled, CFC free (refrigeration and insulation). j. If used, all system tubing (suction, freezer and condensing tube) should be of minimum 99.97% pure copper coil.

		k. Temperature of vaccines to remain between +2 to + 8 degrees centigrade during continuous availability of energy at ambient temperature +5 to +45 degrees centigrade. The temperature difference between any two points in the cabinet should not be more than +2 degrees centigrade once stabilized. l. On/Off switch and power indicators should be available. m. A microprocessor based control unit should be provided for setting of temperature and display following features: a. 3-digit digital display (to one decimal point) of cabinet temperature. b. Power on LED/LCD indicator. c. Audio (minimum 65 dBA and visual alarms against the violation of temperatures ranges (less than $+2^0$C and more than $+8^0$C. Additional SMS alert would be added advantage. d. Min and Max cabin temperature digital display of last 24 hrs. and breaches during last 24 hrs. e. The unit should be sealed protected from dust, moisture or water falling over it. f. Accuracy of digital controller + or – 0.5 degree centigrade. n. No hazardous chemical gases should be produces during the use of the equipment. o. Battery back (to maintain +2 to +8 degrees centigrade) should be at least 12 hours at a temperature of 40 to 44^0C and 95% humidity.
1.2	User's Interface	Manual, English Menu.
1.3	Settings	Audio (minimum 65 dBA and visual alarms against the violation of temperatures ranges (less than $+2^0$C and more than $+8^0$C. Additional SMS alert would be added advantage.
1.4	Software and/ or standard of communication (where ever required)	In built
18. Physical Characteristics		
2.1	Weight	Less than 6.5 Kilograms. Lighter weight preferred.
2.2	Configuration	Case is to be hard and splash proof. IP55 rating necessary.

2.3	Mobility & Portability	Supplied in protective case for clean storage and safe transportation. Ideally a backpack.
19. Energy Source		
3.1	Power requirements	110 to 220V, 50Hz.
3.2	Battery Operated	Battery powered, silence able alarm for power failure. Battery charger to be integral to main power supply, and to charge battery during mains power operation of unit. Internal, replaceable, rechargeable battery to allow operation for at least 12 hours in the event of power failure or for the purpose of utilization during outreach clinics. The battery should be charged from 0 to 100% within 4.5 hours.
3.3	Protection	Voltage corrector/stabilizer to allow operation at+ or – 30% of local rated voltage.
3.4	Power Consumption	Energy efficient ones are preferred.
3.5	Other requirements	Mains cable to be at least 3 meters in length.
20. Accessories, Spare parts, Consumables.		
4.1	Accessories (mandatory, standard, optional).	Any accessories provided (vaccine carrying stand etc.) must be explicitly mentioned and included in the quote.
4.2	Spare parts (main ones).	Two sets of spare fuses (if non-resettable fuses used)
21. Standards and Safety.		
5.1	Certificates, Performance and safety standards.	i. The product must be FDA/CE approved. Any other approved standards must be explicitly mentioned. j. Should meet WHO/UNICEF standard WHO/PQS/E03/RF03.1. (Similar to Ice Lined Refrigerator). k. Test and inspection as per WHO procedure reference WHO/PQS/E03/RF03-VP.1 testing should be carried out from WHO certified lab/NABL/ILAC/STQC labs. l. Copies of certifications to be provided while applying for the tender. m. IEC 60601 (Highest Medical Device Standard) n. ISO 13485:2016 (Quality standard for Medical Device Manufacturer).
22. Training and Installation		
6.1	Electrical Socket	Availability of 5 Amp / 15 Amp (Indian type) electrical socket.
6.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover.

		The supplier should provide strong and sufficient packing to ensure safe arrival of goods at the destination free from loss or damage. Safety measures and precautions to be explicitly mentioned on the device where necessary. List of spare parts and accessories with their part number and costing to be provided.
6.3	Training of staff	Training of users in operation and basic maintenance shall be provided. Advanced maintenance tasks required shall be documented.
23. Warranty and Maintenance.		
7.1	Warranty	3 Years, including all spare parts and accessories.
24. Documentation.		
8.1	Operating manuals, set manuals & other manuals	Should provide a hard and a soft copy of: f. User, technical and maintenance manuals should be supplied in English/Hindi/Regional language along with machine diagrams. g. List of equipment and procedures required for local calibration and routine maintenance. h. Service and operation manuals. i. Advance maintenance tasks documentation. j. Certificate of calibration and inspection.
25. Other terms		
9.1	Service support contact information.	Contact details of manufacturer, supplier and local service agent to be provided. Any contract (AMC/CMC/ad-hoc) to be declared by the manufacturer.

ANNEXURE 2

List of health centres for supply and Installation of Medical Equipment

Indicative list of Health Centres is attached. However, the sites are subject to change further to the site survey. SELCO Foundation will have the complete right on the selection of health Centres.

Sl.No	Name of the Centre	Type of centre	District	state
1	Chiading SC	Subcentre	East Garo Hills	Meghalaya
2	Koksi Nengsat SC	Subcentre	East Garo Hills	Meghalaya
3	Nengkra SC	Subcentre	East Garo Hills	Meghalaya
4	Rongbinggre SC	Subcentre	East Garo Hills	Meghalaya
5	Dawagre SC	Subcentre	East Garo Hills	Meghalaya
6	Bolkinggre SC	Subcentre	East Garo Hills	Meghalaya
7	Dolwari SC	Subcentre	East Garo Hills	Meghalaya
8	Mandalgre SC	Subcentre	East Garo Hills	Meghalaya
9	Tombolgre SC	Subcentre	East Garo Hills	Meghalaya
10	Jamge SC	Subcentre	East Garo Hills	Meghalaya
11	Norek SC	Subcentre	East Garo Hills	Meghalaya
12	Simseng Bongga SC	Subcentre	East Garo Hills	Meghalaya
13	Dambo Rongdeng SC	Subcentre	East Garo Hills	Meghalaya
14	Gitokgre SC	Subcentre	East Garo Hills	Meghalaya
15	Sampalgre SC	Subcentre	East Garo Hills	Meghalaya
16	Asil SC	Subcentre	East Garo Hills	Meghalaya
17	Samin Indikim SC	Subcentre	East Garo Hills	Meghalaya

18	Bansamgre PHC	Primary health centre	East Garo Hills	Meghalaya
19	Songsak PHC	Primary health centre	East Garo Hills	Meghalaya
20	Mangsang PHC	Primary health centre	East Garo Hills	Meghalaya
21	Rongrong PHC	Primary health centre	East Garo Hills	Meghalaya
22	Dobu PHC	Primary health centre	East Garo Hills	Meghalaya
23	Samanda PHC	Primary health centre	East Garo Hills	Meghalaya
24	Nengmandalgre PHC	Primary health centre	East Garo Hills	Meghalaya
25	Dagal PHC	Primary health centre	East Garo Hills	Meghalaya
26	Rongjeng CHC	Community health centre	East Garo Hills	Meghalaya
27	Umsong SC	Subcentre	Ri-Bhoi	Meghalaya
28	Umtrew SC	Subcentre	Ri-Bhoi	Meghalaya
29	Kyrdem Kulai SC	Subcentre	Ri-Bhoi	Meghalaya
30	Umsawlum SC	Subcentre	Ri-Bhoi	Meghalaya
31	Mawlein SC	Subcentre	Ri-Bhoi	Meghalaya
32	Mawrong SC	Subcentre	Ri-Bhoi	Meghalaya
33	Sohphoh SC	Subcentre	Ri-Bhoi	Meghalaya
34	Pillangkata SC	Subcentre	Ri-Bhoi	Meghalaya
35	Amjong SC	Subcentre	Ri-Bhoi	Meghalaya
36	Baridua SC	Subcentre	Ri-Bhoi	Meghalaya
37	Mawdem SC	Subcentre	Ri-Bhoi	Meghalaya
38	Narang SC	Subcentre	Ri-Bhoi	Meghalaya
39	Kynjoin Umran Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
40	Mawlang Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
41	Mawlyndep Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya

42	Umroi Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
43	Sonidan Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
44	Mawbsein Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
45	Umsohphria Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
46	Tasku Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
47	Killing Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
48	Pahambir Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
49	Umling Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
50	Marmain Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
51	Umshaken Sub-Centre	Subcentre	Ri-Bhoi	Meghalaya
52	Umden PHC	Primary health centre	Ri-Bhoi	Meghalaya
53	Marngar PHC	Primary health centre	Ri-Bhoi	Meghalaya
54	Byrnihat PHC	Primary health centre	Ri-Bhoi	Meghalaya
55	Warmansaw PHC	Primary health centre	Ri-Bhoi	Meghalaya
56	Mawhati PHC	Primary health centre	Ri-Bhoi	Meghalaya
57	Umtrai PHC	Primary health centre	Ri-Bhoi	Meghalaya
58	Kyrdem PHC	Primary health centre	Ri-Bhoi	Meghalaya
59	Mawlaisnai PHC	Primary health centre	Ri-Bhoi	Meghalaya
60	Patharkhmah CHC	Community health centre	Ri-Bhoi	Meghalaya
61	Umsning CHC	Community health centre	Ri-Bhoi	Meghalaya
62	Bhoirymbong CHC	Community health centre	Ri-Bhoi	Meghalaya
63	Aboi CHC	Community health centre	Mon	Nagaland
64	CHC Tobu	Community health centre	Mon	Nagaland
65	Wakching CHC	Community health centre	Mon	Nagaland
66	Tizit CHC	Community health centre	Mon	Nagaland

67	Angphang PHC	Primary health centre	Mon	Nagaland
68	Chenmoho PHC	Primary health centre	Mon	Nagaland
69	Chen PHC	Primary health centre	Mon	Nagaland
70	Changlangshu PHC	Primary health centre	Mon	Nagaland
71	Monyakshu PHC	Primary health centre	Mon	Nagaland
72	Pessao PHC	Primary health centre	Mon	Nagaland
73	Mopong PHC	Primary health centre	Mon	Nagaland
74	Naginimora PHC	Primary health centre	Mon	Nagaland
75	Wanching PHC	Primary health centre	Mon	Nagaland
76	Phomching PHC	Primary health centre	Mon	Nagaland
77	Tang PHC	Primary health centre	Mon	Nagaland
78	Oting PHC	Primary health centre	Mon	Nagaland
79	Shangnyu PHC	Primary health centre	Mon	Nagaland
80	Yongkhao PHC	Primary health centre	Mon	Nagaland
81	Chingkhao PHC	Primary health centre	Mon	Nagaland
82	Changlang HWC	Health and wellness centre	Mon	Nagaland
83	Jakphang HWC	Health and wellness centre	Mon	Nagaland
84	Aopao HWC	Health and wellness centre	Mon	Nagaland
85	Choaha Chingnyu HWC	Health and wellness centre	Mon	Nagaland
86	Chenloisho HWC	Health and wellness centre	Mon	Nagaland
87	Longching HWC	Health and wellness centre	Mon	Nagaland

88	Chinglong HWC	Health and wellness centre	Mon	Nagaland
89	Ngangching HWC	Health and wellness centre	Mon	Nagaland
90	Wangti HWC	Health and wellness centre	Mon	Nagaland
91	Mohung HWC	Health and wellness centre	Mon	Nagaland
92	Sowa HWC	Health and wellness centre	Mon	Nagaland
93	Chenwetnyu HWC	Health and wellness centre	Mon	Nagaland
94	Tamkoang HWC	Health and wellness centre	Mon	Nagaland
95	Yakshu HWC	Health and wellness centre	Mon	Nagaland
96	Ukha HWC	Health and wellness centre	Mon	Nagaland
97	Yonghong HWC	Health and wellness centre	Mon	Nagaland
98	Lapa HWC	Health and wellness centre	Mon	Nagaland
99	Tizit Village HWC	Health and wellness centre	Mon	Nagaland
100	Yannu HWC	Health and wellness centre	Mon	Nagaland
101	Chingdang HWC	Health and wellness centre	Mon	Nagaland
102	Kongan HWC	Health and wellness centre	Mon	Nagaland
103	Longwa HWC	Health and wellness centre	Mon	Nagaland

104	S.Chingnyu HWC	Health and wellness centre	Mon	Nagaland
105	Sheanghah Tangten SC	Subcentre	Mon	Nagaland
106	Sheanghah Wamsa Sc	Subcentre	Mon	Nagaland
107	Totok Chingnyu	Subcentre	Mon	Nagaland
108	PHC Saikot	Primary health centre	Churachandpur	Manipur
109	PHC Zezaw	Primary health centre	Churachandpur	Manipur
110	PHC Behiang	Primary health centre	Churachandpur	Manipur
111	PHC Sinzawl	Primary health centre	Churachandpur	Manipur
112	PHC Henglep	Primary health centre	Churachandpur	Manipur
113	PHC Sagang	Primary health centre	Churachandpur	Manipur
114	CHC Singngat	Community health centre	Churachandpur	Manipur
115	HWC Tarao Laimanal	Health and wellness centre	Chandel	Manipur
116	HWC Khudei Khunou	Health and wellness centre	Chandel	Manipur
117	HWC Leingangching	Health and wellness centre	Chandel	Manipur
118	HWC Larong	Health and wellness centre	Chandel	Manipur
119	HWC Paraolon	Health and wellness centre	Chandel	Manipur
120	PHC Sajik Tampak	Primary health centre	Chandel	Manipur
121	PHC Khengjoi	Primary health centre	Chandel	Manipur
122	PHSC Sehlon	Primary health sub centre	Chandel	Manipur
123	PHSC Songiang	Primary health sub centre	Chandel	Manipur

124	PHSC Jangoulen	Primary health sub centre	Chandel	Manipur
125	PHSC New Somtal	Primary health sub centre	Chandel	Manipur
126	PHSC Saibol joupi	Primary health sub centre	Chandel	Manipur
127	PHSC Namtiram	Primary health sub centre	Tamenglong	Manipur
128	PHSC Atengba	Primary health sub centre	Tamenglong	Manipur
129	PHSC Lenglong	Primary health sub centre	Tamenglong	Manipur
130	PHSC Khundong Kunhaiba	Primary health sub centre	Tamenglong	Manipur
131	PHSC Nungkao	Primary health sub centre	Tamenglong	Manipur
132	PHSC Akhui HWC	Primary health sub centre	Tamenglong	Manipur
133	PHSC Dailong HWC	Primary health sub centre	Tamenglong	Manipur
134	PHSC Taningjam	Primary health sub centre	Tamenglong	Manipur
135	PHSC Aben	Primary health sub centre	Tamenglong	Manipur
136	PHSC Longchai	Primary health sub centre	Tamenglong	Manipur
137	PHSC Chaton	Primary health sub centre	Tamenglong	Manipur
138	PHSC Kabonram HWC	Primary health sub centre	Tamenglong	Manipur
139	PHSC New Kaiphundai	Primary health sub centre	Tamenglong	Manipur

140	PHSC Phaitol	Primary health sub centre	Tamenglong	Manipur
141	PHSC Wairangba	Primary health sub centre	Tamenglong	Manipur
142	PHSC Irenglong	Primary health sub centre	Tamenglong	Manipur
143	PHSC Sonaram	Primary health sub centre	Tamenglong	Manipur

Region wise number of equipment

Sl. No	Medical Equipments	Nagaland	Manipur	Meghalaya
1	Labour table	34	26	37
2	Trolley	49	57	42
3	Foot Step	49	29	42
4	Delivery kit (PHC and CHC)	42	8	3
5	Delivery kit (Sub Center)	26	381	34
6	Examination Light/Lamp	49	33	49
7	Microscope	0	5	1
8	Centrifuge	6	5	4
9	Radiant Warmer	44	19	53
10	Suction apparatus	49	29	49
11	Potable vaccine carrier	0	0	42
12	Fully automated Biochemistry analyser	4	0	0
13	Fully automated Hematology analyser	4	0	0
14	ECG (12 Leads)	4	0	0

15	CBC Machine	6	0	0
16	Multipara monitor with provision of invasive parameter measurements	4	0	0
17	AED (Automated External Defribillator)	4	0	0
18	USG (Portable)	4	0	0
19	Autoclave	17	0	0
20	Nebuliser machine	22	0	0

ANNEXURE 3

DETAILS OF THE ORGANISATION

1	Name and address of the organisation (With pin code)	
2	Year of starting the organization & registration number (photocopy of registration certificate or any other relevant document to be enclosed)	
3	Name and Contact number of the Proprietor or Point of Contact	
4	Status of organisation- Proprietorship / Partnership/ Pvt Ltd / Limited/others	
5	GSTIN and PAN No. of Income Tax Dept. (Copies of certificates to be enclosed)	
6	Photocopy of the last filed Income Tax (IT) returns for last 2 years	
7	Copy of GST returns for the last 2 years	
8	Audit reports for the last 2 years (Certified copy of Chartered Account' report Balance Sheet and P&L account to be enclosed)	
9	Documents to prove cumulative business of Rs 2 Cr in the last 3 years	
10	Experience of Supplier/supplier relating to supply of solar energy-based solutions (supporting certificates to be enclosed)	
11	Particulars of Physical Infrastructure and total strength of staff available in the organization relating to Supplier/supply/testing etc.,	
12	Organisation Bank address	
13	Evidences of existence (GST Registration) of local office in State of Odisha Preferably closer to the project districts	

ANNEXURE 4 – CONFIRMATION ON ENCLOSURES

Sl.No.	Description	Whether the Document is enclosed or not	Page No. From and to
1	Details of Organization as per Anexure –3	YES/NO	
2	Copies showing the legal status, places of registration and principal place of business of the firm	YES/NO	
3	Copies of audited financial statements for the last 2 financial years	YES/NO	
4	Copies of GST registration and GST returns filled in the last 2 financial years	YES/NO	
5	Copies of income tax registration and income tax returns filled in the last 2 financial years	YES/NO	
6	Acceptance to give 5 years guarantee for trouble free operation and maintenance.	YES/NO	
7	Evidences of existence (GST Registration) of local office in State of Odisha Preferably closer to the project districts	YES/NO	
8	Letter of declaration to confirm that the Organisations has not been black listed by any entity or institution	YES/NO	
9	Organisation bank details	YES/NO	
10	Signed, sealed copies of Annexure 1, 2, 3, 4,5 and 6	YES/NO	
11	ISO/CE/FDA/relevant certificates of the equipment quoted		

ANNEXURE 5- SCHEDULE OF TENDER

Regarding Supply and installation

Sl.No.	Scheduled activity	Within days (No.of days)	Accepted Schedule by date
1.	Supply starts after WO	45 days	
2.	Supply ends	75 Days	
3	Installations begins	45 Days	
4.	Installation of all the equipment	90 days	

ANNEXURE 6- PRICE SCHEDULE

PARTICULARS TO BE SUBMITTED IN THE FINANCIAL BID (SECOND COVER).

PRICE SCHDULE FOR THE SUPPLY AND INSTALLATION OF MEDICAL EQUIPMENTS IN THE PUBLIC HEALTH CENTRES IN THE STATE OF MEGHALAYA, MANIPUR AND NAGALAND

Rates quoted by the Organisations:

a. The rates should be mentioned item wise clearly both in words and figures Item-wise details of rates quoted.

b. Rates should be inclusive of GST.

c. Rates should be inclusive of AMC from Year 2 to 5 but separately mentioned.

d. Rates should include an average transportation cost for supply of solution category in the region of operation of the Organisations.

Table 1: Cost of Solar BoM

Sl .No	Quote for Medical Equipment	No of Equipment	Price in Rs/unit of energy efficient medical equipment	On site AMC/Unit cost up to 5 years (in RS)
1	Labour table	97		
2	Trolley	148		
3	Foot Step	120		
4	Delivery kit (PHC and CHC)	53		
5	Delivery kit (Sub Center)	441		
6	Examination Light/Lamp	131		
7	Microscope	6		
8	Centrifuge	15		
9	Radiant Warmer	116		
10	Suction apparatus	127		
11	Portable vaccine carrier	42		
12	Fully automated Biochemistry analyser	4		

13	Fully automated Hematology analyser	4		
14	ECG (12 Leads)	4		
15	CBC Machine	6		
16	Multipara monitor with provision of invasive parameter measurements	4		
17	AED (Automated External Defibrillator)	4		
18	USG (Portable)	4		
19	Autoclave	17		
20	Nebuliser machine	22		

CONDITIONS:

If our tender is accepted, we hereby undertake to abide as per the stipulated Terms and Conditions to supplier and supply, installation and maintenance of solar energy-based solutions.

We agree to abide by this tender and if the work is awarded to us, in executing the above contract we will strictly observe the laws against fraud and corruption in force in India namely “Prevention of corruption act 1988”.

We understand that you are not bound to determine the price based on the lowest offer that Foundation may receive.

We accept that all disputes between parties will be adjudicated by a competent court in Bangalore, India.

I, _____ (Name of signatory) on behalf of the Organisations _____ (Name of the Organisations), hereby certify that I have noted the technical specifications of solutions mentioned in Annexure 1, the prices quoted above are as per the details specified and in compliance with Annexure 1.

Dated this……. day of……2022

Signature (Name and Address of the Tender with seal) (In the capacity of…….. ……. Duly authorized to sign the Tender for and on behalf of_____)