



**OFFICE OF THE CHIEF EXECUTIVE OFFICER,
SHRI MATA VAISHNO DEVI SHRINE BOARD,**
Central Office, Jammu Road, Katra (J&K) – 182301
Fax: +91- 1991-232120

E-mail: nes_purchase@maavaishnodevi.net, aceog@maavaishnodevi.net

Notice Inviting e-Tender

e-NIT No. CO/Pur/NE/635-VI/1063, Dated: 03.07.2025

e-Tenders on the prescribed format are invited on behalf of Shri Mata Vaishno Devi Shrine Board through its Chief Executive Officer from the Manufacturers / OEM or authorized dealers for Supply, Installation, Testing and Commissioning of Medical Equipments (Department of Paediatrics, OBG, Dermatology, Physiotherapy, Pulmonology / Psychiatry) and (for selected equipments) post-warranty Comprehensive Annual Maintenance Contract for a period of 05 years. The Medical Equipments in reference are required at Shri Mata Vaishno Devi Institute of Medical Excellence, Kakryal (Katra).

S. No	Particulars	EMD (in Rs.)	Tender Fee (in Rs.)
1.	Supply, Installation, Testing and Commissioning of Medical Equipments (Department of Paediatrics, OBG, Dermatology, Physiotherapy, Pulmonology / Psychiatry) and (for selected equipments) post-warranty Comprehensive Annual Maintenance Contract for a period of 05 years (Group-VI).	1.75 Lakh	1,000/-

The e-NIT consisting of Qualifying Information, Eligibility Criteria, Specifications, indicative Bill of Quantities, (B.O.Q), set of Terms & Conditions of Contract and other details can be seen / downloaded from the websites: <http://jktenders.gov.in> & www.maavaishnodevi.org as per following:

Publishing Date	03.07.2025 at 4:30 PM
Download Start Date	03.07.2025 at 4:45 PM
Pre-Bid Conference	09.07.2025 at 3:00 PM
Bid Submission Start Date	13.07.2025 at 12:00 Noon
Bid submission End Date (Online)	23.07.2025 at 02:00 PM
Submission of Hard Copy (end) date and time	23.07.2025 upto 04:00 PM
Date of Opening of Technical Bid (Online)	25.07.2025 at 04:00 PM or afterwards

The tender must accompany an earnest money in the form of CDR / FDR / TDR of the amount mentioned above drawn from any Nationalized / scheduled Bank duly pledged to the Accounts Officer, Shri Mata Vaishno Devi Charitable Society, Katra and Tender Fee of Rs. 1,000/- (Rupees One Thousand only) either in the form of DD pledged to Accounts Officer, SMVDCS, Katra or deposited in the official account of Shri Mata Vaishno Devi Charitable Society Branch HDFC Bank Katra, Account No. **50100417566279, IFSC – HDFC0002344**. The bidder shall mention UTR No. in the prescribed Technical Bid Form at **Annexure-‘A’**. Complete bidding process will be done online on e-Tender portal www.jktenders.gov.in. The bid document shall also be available on official website of SMVDSB (www.maavaishnodevi.org) for reference only. The tenders be submitted strictly in accordance with the provisions of the detailed e-NIT. **The bidder shall be compulsorily required to submit the hardcopies of the uploaded documents in the Tender Box kept at Central Office, SMVDSB, Katra by or before 23.07.2025 upto 04:00 PM.**

**Sd/-
(Dr. Gopal K Sharma)
Asstt. Chief Executive Officer**

Instruction to Bidders regarding e-Tendering process:

1. The interested bidder can download the e-NIT / bidding document from the website www.jktenders.gov.in & www.maavaishnodevi.org.
2. To participate in bidding process, bidders have to get (DSC) "Digital Signature Certificate" as per information Technology Act-2000, to participate in online bidding. This certificate will be required for digitally signing the bid. Bidders can get above mentioned digital certificate from any approved vendors.
3. The Bidders, who already possess valid (DSC) Digital Signature Certificates, need not to procure new Digital Signature Certificate.
4. The bidders have to submit their bids online in electronic format with Digital Signature. The bids cannot be uploaded without Digital Signature. No Proposal will be accepted in physical form.
5. Bids will be opened online as per time schedule mentioned in the e-NIT.
6. Before submission of online bids, bidders must ensure that scanned copies of all the necessary documents have been attached with bid.
7. The SMVDSB will not be responsible for delay in online submission of bids whatsoever reasons may be.
8. All the required information for bid must be filled and submitted online.
9. Bidders must attach scanned copies of all documents & EMD as specified in the tender documents.
10. The details of cost of documents, EMD specified in the tender documents should be the same, as submitted online (scanned copies) otherwise bid will not be accepted.
11. Bidders are advised to use "My Documents" area in their user on <http://jktenders.gov.in>, e-tendering portal to store important documents like Balance sheet, GST Registration Certificate, Tax Clearance Certificate, IT certificate, and other related documents etc., and attach these certificates as non-statutory documents while submitting their bids.
12. Bidders are advised not to make any change in BOQ (Bill of Quantities) contents or its name. In no case they should attempt to create similar BOQ manually. The BOQ downloaded should be used for filling the item rate as prescribed and it should be saved with the same as it contains.
13. Bidders are advised to scan their documents at 100 DPI (Dots per Inch) resolutions with Black and White, PDF \ Scan properly.
14. The guidelines for submission of bid online can be downloaded from the website <http://www.jktenders.gov.in> & www.maavaishnodevi.org
15. The Tenderer(s) should carefully study the document and prepare his tender with consideration of all provisions of the document. He should fully acquaint himself / herself with site conditions and all other factors which may influence preparation of his tender.

Sd/-
(Dr. Gopal K Sharma)
Asstt. Chief Executive Officer

No: - CO/Pur/NE/635-VI/1063

Dated: 03.07.2025

Copy to the:

1. Chief Executive Officer, SMVDSB, Katra.
2. Addl. Chief Executive Officer, SMVDSB, Katra.
3. Accounts Officer, SMVDCS, Katra.
4. Dy. Manager (IT), SMVDSB, Katra with the request to generate link for pre-bid conference to be held on 09.07.2025.
5. Concerned file / Master file.



**OFFICE OF THE CHIEF EXECUTIVE OFFICER,
SHRI MATA VAISHNO DEVI SHRINE BOARD,**

Central Office, Jammu Road, Katra (J&K) – 182301

Fax: +91- 1991-232120 Tel.: +91-1991-232189

E-mail: nes_purchase@maavaishnodevi.net, aceog@maavaishnodevi.net

Notice Inviting e-Tender

e-NIT No. CO/Pur/NE/635-VI/1063, Dated: 03.07.2025

SUBJECT: Notice inviting e-Tenders for Supply, Installation, Testing and Commissioning of Medical Equipments (Department of Paediatrics, OBG, Dermatology, Physiotherapy, Pulmonology / Psychiatry) and (for selected equipments) post-warranty Comprehensive Annual Maintenance Contract for a period of 05 years. The Medical Equipments in reference are required at Shri Mata Vaishno Devi Institute of Medical Excellence, Kakryal (Katra).

1. REQUIREMENT:

For and on behalf of SMVDSB, through its CEO, SMVDSB, e-Tender affixed with e-Stamp under Two Bids System are invited from the manufacturers / authorized dealers for the Supply, Installation, Testing and Commissioning of Medical Equipments (Department of Paediatrics, OBG, Dermatology, Physiotherapy, Pulmonology / Psychiatry) and (for selected equipments) post-warranty Comprehensive Annual Maintenance Contract for a period of 05 years. The detailed Tender Document with full description and Terms and Conditions is available at www.jktenders.gov.in & www.maavaishnodevi.org

2. TENDER SCHEDULE:

Publishing Date	03.07.2025 at 4:30 PM
Download Start Date	03.07.2025 at 4:45 PM
Pre-Bid Conference	09.07.2025 at 3:00 PM
Bid Submission Start Date	13.07.2025 at 12:00 Noon
Bid submission End Date (Online)	23.07.2025 at 02:00 PM
Submission of Hard Copy (end) date and time	23.07.2025 upto 04:00 PM
Date of Opening of Technical Bid (Online)	25.07.2025 at 04:00 PM or afterwards

3. ELIGIBILITY CRITERIA:

- The bidder must have an experience of minimum 03 years for the supply of medical machines / equipments to Government Medical Colleges, Hospitals, Universities/ Institutes of National Importance as on 31 March, 2025 (Necessary documents in support must accompany the bid).
- Average Annual turnover of the bidder should be more than Rs. 70.00 Lakh for the last three financial years as per the annual audited balance sheet and profit & loss account of the relevant period. **The turnover of the sister concern firms / subsidiaries shall not be considered by Shrine Board (Documentary proof needed).**
- The bidder must attach a CA certified proof about his Net Worth being positive in the last three financial years.
- The bidder must be the manufacturer / authorized distributor / dealer of the medical machines / equipments (necessary authorization document of OEM required, in case of distributors / dealers).
- The bidder must attach catalogue of each offered product alongwith bid document.
- The Authorized signatory of bidder must attach / upload a self-undertaking to the effect that:
 - The documents catalogue etc. enclosed with the e-tender are genuine and have not been tampered or fabricated.

- ii. The firm has not been blacklisted in the past by any Govt/ Private institution of the country.
 - iii. If anything found wrong at any stage, I will be personally responsible for the same.
- g) The bidder must attach / upload the copies of following with bid document:
- i) Pan card
 - ii) GST registration certificate.
 - iii) Income Tax Return / Profit & Loss Account for the last three years and positive net worth certificate.
 - iv) **Declaration Certificate:** Declaration Certificate that no case is pending with the police / court against the bidder / firm / company /Agency and not been suspended / blacklisted by any PSU / Government Department / Financial Institution / Court etc **(as per annexure C).**
 - v) **No Deviation Certificate:** - No Deviation Certificate (as per **Annexure – D**).
 - vi) Undertaking **(as per Annexure-E).**

4. **PROCEDURE FOR SUBMISSION OF TENDER:**

Bidders are invited to submit their Bids in two parts viz. Technical Bid (**Annexure-‘A’**) and Financial Bid (**refers to BoQ Online only**) as per enclosed proforma along with supporting documents, application fee, EMD etc. The Tenderers are required to submit their tenders under 2 bids system with Cover-I (Technical Bid) and Cover-II (Price Bid).

A. Cover-I (Technical Bid)

(This cover shall contain): -

- (i) **Annexure-‘A’** form duly filled in along with relevant documentary proofs.
- (ii) Scanned copies of EMD in the shape of CDR / FDR / TDR pledged to Accounts Officer, SMVDCS. However, EMD in original shall be submitted along-with the technical bid document.
- (iii) Tender Fee of **Rs. 1,000/-** either in the form of DD pledged to the Accounts Officer, SMVDCS, Katra or to be deposited in the official account of Shri Mata Vaishno Devi Charitable Society, Branch HDFC Bank Katra, Account No. **50100417566279, IFSC – HDFC0002344(in IFSC Code “0” stands for Zero).** The bidder shall mention UTR No. in the prescribed Technical Bid Form at **Annexure- ‘A’**
- (iv) Tender Document containing Instructions, **Terms and Conditions duly signed** on each leaf by the Tenderer, along with documentary proof wherever required.

B. Cover II (Price Bids):

- i. The bidder shall quote price separately for the Supply, Installation, Testing and Commissioning of machinery / equipments (SITC) and Comprehensive Annual Maintenance for a period of 05 years after the expiry of Warranty / DLP period. The prices have to be submitted online in the form of BOQ only.
- ii. The bidding firm shall have to quote all-inclusive rates F.O.R. site (including taxes, freight, transportation, loading / unloading, etc. i.e. without any exclusions) while separate rates (i.e. for SITC & CAMC) may be required to be quoted, A single cumulative price (including SITC & CAMC for 5 years) shall serve as the competition platform for the technically qualified bidders. In case of items where CAMC is not needed (detailed in the BoQ), the competition shall be on the basis of offered SITC rates.
- iii. The price bid should be absolute and unconditional.
- iv. Conditional bids shall be rejected.
- v. The price bid shall be opened in favour of bidders who qualify in the technical bid. Rates are required to be quoted strictly as per prescribed BOQ/item of works.
- vi. Price bids not conforming to above standards or suffering from any flaw shall be rejected.

5. **SELECTION CRITERIA:**

- i. In the first stage of evaluation, offers shall be rejected if found deficient as per the requirements of Tender / Bid Processing Fee and other eligibility criteria. Only bids confirming the e-NIT conditions shall be further taken up for evaluation. Evaluation of the technical Bid will start first. The bidder qualifying the technical bid shall only be admitted in process of financial bid evaluation. **Before declaring a bidder qualified in**

the technical stage, the Technical Evaluation Committee may insist for the “demonstration” of the product offered and may reject the product on the basis of its non-compliance to prescribed specifications.

- ii. Financial bids of the technically qualified bidders shall be opened and the bidder offering lowest rates for the cost of SITC of machinery / equipments shall emerged as L-1 bidder and can be considered for the allotment of the contract. In-case of a tie in rates, revised sealed bid can be obtained on the spot and the bidder offering lowest rates shall be considered for the allotment of the contract. In-case of tie in the second instance as well, it shall be decided by the process of “draw of lots”.
- iii. The Shrine Board reserve the right to negotiate the quoted rates, terms & conditions with the lowest tenderer or any of the other tenderers on quality basis to ascertain the suitability of the acceptance offer.

6. **PRE-BID CONFERENCE:**

A pre-bid conference will be held on **09.07.2025 at 03:00 PM** at Conference Hall, C.O., Katra. The prospective bidders are requested to preferably send their queries at-least 02 days in advance before scheduled pre-bid meeting on e-mail ID nes_purchase@maavaishnodevi.net. Further, in case, any of the prospective bidder(s) intends to join the pre-bid conference through online mode, they shall forward their request on the official e-mail ID nes_purchase@maavaishnodevi.net by or before 07.07.2025. **Shrine Board reserves the right to modify the terms & conditions of e-NIT after the pre-bid conference in view of any practical modalities which may emerge during the pre-bid meeting.**

7. **GENERAL TERMS & CONDITIONS:**

- i. The list of medical machines / equipments alongwith detailed specifications are annexed as **Annexure-B**.
- ii. The quantity of the material is indicative in nature and can be increased or decreased during the period of issuance of purchase order.
- iii. The Technical Bid should be accompanied by a copy of e-NIT with each page duly signed by the authorized signatory of the bidder(s), who has signed the tender document, as a token of acceptance of the terms and conditions of the e-NIT otherwise, bid(s) shall not be considered.
- iv. The validity of the bid shall remain valid for 90 days from the last date of submission of bid document.
- v. Even for the imported equipments, prices shall be required to be quoted as ‘all inclusive’, F.O.R. site and in INR.
- vi. The documents, asked in original should be page marked and bearing signature with seal on each and every page.
- vii. Tender where prices are quoted in any other way shall be treated as non- responsive and rejected. It will be mandatory on part of the tenderer to ensure that the rates quoted are not higher than as quoted in other Govt. Institutes of J&K State at least during the current financial year. If at any stage it is found that the supplier has executed the supplies or has quoted the rates lower than the approved ones, the differential amount shall be recouped from the supplier and further orders shall be placed on lower rates only.
- viii. The rates quoted should be F.O.R. Kakryal and inclusive of all taxes, duties, other charges like packing, transportation etc. Including entry tax, if any. No separate Tax/Levies shall be allowed. The rates should be quoted in accordance with the BoQ through online mode only.
- ix. No conditional tender shall be accepted. The authority reserves right to accept or reject any tender/ quotation without assigning any reasons thereof.
- x. The approved firm shall be bound to deliver ordered Machinery and Equipment within 4 weeks or a period mutually agreed up by the authorities.
- xi. The successful tenderer shall be responsible for execution of SITC obligations strictly in accordance with the contract in full and shall not in any case assign or sublet any part thereof. Deviation, if any can lead to forfeiture of Earnest money with holding of other deposits in Accounts Section as a whole or even black listing of the suppliers/ firms/ dealers/original manufacture.
- xii. If in case the tenderer fails to supply the material within the delivery period, the order will be liable to be treated cancelled and earnest money shall be forfeited.
- xiii. Rates should be quoted for the superior quality material only with Nomenclature/ catalogue duly marked with seal & signature of the firms.
- xiv. In case any Tenderer charges rates for any item(s) more than the MRP, the action like forfeitures of earnest money/security money/ performance bank guarantee and

- removal of name from the list of the supplier shall be taken against the firm.
- xv. If at any stage during the tenure of the tender the successful tenderer reduces the sales price lower than the quoted rates under agreement will forthwith notify such reductions of the sale price to the competent authority immediately.
 - xvi. The competent authority shall also have right to alter/ modify the specifications of any item(s) for purchasing in the best interest of the SMVDSB during the process of finalization of a contract viz. Placement of supply order.
 - xvii. All the items supplied shall be of the best quality, specification, trade mark and in accordance with the approved standard, catalogue, samples if provided. In case of any articles supplied not being approved, shall be liable to be rejected or replaced and any expenses as a result of rejection or replacement of supplies, shall be entirely at the cost of tenderer.
 - xviii. The supplies shall be accepted only in proper packing where-ever required.
 - xix. **Down Time:** The engineer for servicing of the equipment shall be deputed within 48 hours of report from the concerned authorities and for any spare part required, same shall be arranged by the successful bidder at its own cost.
 - xx. The equipment to be supplied shall have to be guaranteed for **95% uptime** by the tenderer during the warranty period. The period during which the equipment remains non-functional or unserviceable for want of engineer or non-availability of spare parts shall not be counted towards the guarantee period and has to be extended accordingly by that period. (1 day down = 1day extended) besides the competent authority shall be at liberty to impose suitable penalty upto Rs.4,000/- per day of down-time.
 - xxi. Any other condition that is not indicated here can be incorporated in the purchase order if need arises.
 - xxii. Any changes/corrigendum/extension of closing / opening dates in respect of this e-NIT shall be issued **through SMVDSB's website, or e-publishing portal only and no press notification will be issued in this regard. The bidder(s) are therefore requested to regularly visit SMVDSB's website and e-publishing portal for updates.**
 - xxiii. In case of rejection of the bid(s) due to incomplete information or not meeting the terms & conditions mentioned in e-NIT, the competent authority's decision will be final and the bidder shall not be entitled to any compensation for non-issue of work.
 - xxiv. In case of any document attached found forged/tampered, the bidder (s) is likely to face legal action against them under rules including forfeiture of their earnest money and debarred to participate in the tendering process of SMVDSB for the period of 03 years.
 - xxv. After the successful culmination of tender, if the successful bidder(s) refuses to comply the supply orders on account of any reason, the same bidder(s) shall be debarred from further dealing with the Board for a period of 03 years and forfeiture of EMD.
 - xxvi. The bidder may take note that SMVDSB is procuring the equipments on behalf of SMVD Institute of Medical Excellence, Kakryal (a part of SMVD Charitable Society).
 - xxvii. SMVDSB reserves the right to seek clarifications or additional information/ documents from any bidder regarding its technical bid. Such clarification(s) or additional information/document(s) shall be provided within the time specified for the purpose. Any request / response thereafter shall not be considered and the proposal shall be liable to be rejected.
 - xxviii. SMVDSB reserves the right to negotiate the rates offered, terms and conditions with the lowest bidder or any of the bidder on quality basis to ascertain the suitability of the acceptable offer.
 - xxix. It is clearly understood by the parties that no financial liability of any type is created by issuance of the letter of Award.
 - xxx. The successful bidder shall indemnify the Shrine Board / SMVD Institute of Medical Excellence against any 3rd Party losses / damages resulting as a consequence of use of his 'Medical Equipments', during entire period of validity of the Contract.
 - xxxi. SMVDSB reserves the right to modify/change/delete/add any further terms and conditions prior to the issue of work order.
 - xxxii. The period of CAMC shall begin after the expiry of warranty period.

8. **WARRANTY:**

Each machine / equipment quoted shall be under compulsory warranty as per OEM's policy but not less than three years from the date of successful commissioning at required site.

9. **SECURITY DEPOSIT:** The successful bidder shall have to deposit "Security Deposit (SD)" in the form of performance Bank Guarantee equal to 5% of the Contract value within 10 days of issuance of Letter of Award / Purchase Order. On receipt of Security Deposit, the EMD amount of Rs. 1.75 Lakh shall be released. In case, the amount of Security Deposit turns out to be less than the amount of the EMD, the firm shall have the option of requesting to treat his EMD as the Security Deposit. The Security Deposit shall be released against certificate of successful commissioning.
10. **PENALTY:** In case of delay in executing the SITC orders issued against the e-NIT, a Penalty @1% of order amount per week of delay shall be imposed, subject to a maximum penalty amount of 5% of the ordered value, beyond which the order shall be cancelled and the EMD forfeited. Notwithstanding such cancellation of order, the Competent Authority reserves the right to accept material afterwards by extending the timeline with or without appropriate penalty, if the authority is convinced about the reason for delay.
11. **BILLING AND PAYMENTS:**
- (i) No advance payments shall be made.
 - (ii) The payment to the successful bidder(s) shall be made in the following manner:
 - a) 80% payment (excluding cost of Comprehensive Annual Maintenance Contract) shall be made against full supply of ordered material against certificate of Executive Director, Medical College, Kakryal.
 - b) 14% payment shall be made after successful installation, testing, commissioning and handover of equipment(s) to the end users against certificate to be issued by Executive Director, Medical College, Kakryal.
 - c) 2% payment shall be released after each year of Warranty / Defect Liability Period subject to satisfactory discharge of all DLP obligations. This amount can also be released early if the vendor provides a standard PBG (Performance Bank Guarantee) of equal amount valid till the end of DLP period.
 - d) The Comprehensive Annual Maintenance Charges shall be paid in 05 Annual equal instalments at the end of each year of CAMC coverage.
 - (iii) The supplier shall have to mention the GST No. 01ABIAS9784P1ZK of Shri Mata Vaishno Devi Charitable Society, Katra while raising their bill of supplies. While filing GSTR-I, the supplier shall classify the supply / Service made to Shrine Board under Business (B to B) Sales. The supplier shall also mention six digit HSN code of the material to be supplied. In case the vendor doesn't upload / mention the bill under B to B, the GST amount levied in the Bill shall not be paid.
 - (iv) The supplier shall file GSTR 1 and 3B within the due dates prescribed under the CGST / SGST Act 2017 so as to enable SMVDSB to claim timely input credit. In case of default, interest @2% per-month of tax amount shall be charged and recovered from the defaulting supplier.
 - (v) In case of quarterly based GST filing firms, the supplier shall have to transfer their bills (B to B) on monthly bases under Invoice Furnishing Facility (IFF).
12. **INSPECTION / LIFTING BACK OF REJECTED SUPPLIES:**
- i. The supplied machines / equipments shall be checked / inspected by the team nominated by the authorities and if found defective or not as ordered, the same shall be rejected at the sole risk of vendor.
 - ii. The rejected material shall have to be lifted by the supplier at his own risk and cost within a week's time failing which storage charges per day as may be deemed fit by the authority shall be levied. Beyond one month the material shall be auctioned and storage charges shall be recovered from the supplier @2% per day.
13. **TERMINATION OF CONTRACT:**
If the successful bidder fails to execute the SITC orders within the stipulated time or violates the terms and conditions of the e-NIT, the SITC order shall be liable to be cancelled by the competent authority. In such an eventuality, no compensation / damages, whatsoever shall be payable to the successful bidder.
14. **ARBITRATION:**
In case of any dispute arising between the parties to this e-tender and all matters connected therewith, both parties shall make every effort to resolve it amicably by direct informal negotiation. If, even after thirty days from the commencement of informal negotiation, the parties have not been able to resolve the dispute amicably, then such

disputes / differences shall be resolved by Arbitration as per the Arbitration and Conciliation Act, 1996.

- a) Either party may request other of its intention that a dispute be submitted to Arbitration and both the parties shall meet within 15 days from the date of receipt of such request, to select a sole arbitrator mutually for the resolution of dispute and venue / seat of Arbitration shall be at Jammu /Katra / Reasi.
- b) In the event that the parties cannot agree upon the selection of the sole Arbitrator, either party or both of the parties may move an application before the Hon'ble High Court at Jammu, under the Arbitration and Conciliation Act, 1996, for the appointment of sole Arbitration with seat / venue at Jammu for the resolution of disputes between the parties.

However, on failure of resolution of disputes through procedure elaborated above, the Courts at Katra / Reasi alone, shall have the Jurisdiction with respect to subject matter of this e-NIT.

16. **FORCE MAJEURE:**

Any failure or omission to carry out the provisions of the order shall not give rise to any claim by one party against the other, if such failure or omission arises from an "Act of God" which shall include all acts of Natural Calamities such as fire, flood, earthquakes, hurricanes or any pestilences or from civil strikes, compliances with any statute or regulations of the Government lock outs and strikes, riots, embargoes or from any other reasons beyond the control of the parties including the war (Whether declared or not) Civil War or State of Insurrection.

Queries may be addressed to:

1. Executive Director, SMVDIME, Kakryal.
E-Mail: edir.smvdime@maavaishnodevi.net
Contact No. 9906035050
2. Asstt. Chief Executive Officer (G), SMVDSB
E-Mail: aceog@maavaishnodevi.net
Contact No. 9906019466

No.: CO/Pur/NE/635-VI/1063
Dated: 03.07.2025

Sd/-
(Dr. Gopal K Sharma)
Asstt. Chief Executive Officer

(Technical Bid)

(To be submitted on the letterhead of the Agency)
FOR SUPPLY OF MEDICAL EQUIPMENTS TO SHRI MATA VAISHNO DEVI INSTITUTE OF
MEDICAL EXCELLENCE, KAKRYAL

Name of the Tenderer: _____

Detail of Tender Fee:

a) UTR No. _____ date _____ Amount _____

Detail of EMD:

EMD in the form of CDR/FDR/TDR No. _____, Amount: _____
 Date: _____, Bank _____, Branch _____

To,

**The Chief Executive Officer,
 Shri Mata Vaishno Devi Shrine Board,
 Katra.**

Sir,

I hereby submit my tender / bid for supplying medical machines / equipments for Shri Mata Vaishno Devi Shrine as mentioned in the **Clause No. 03 of the e-NIT**. The detail of the particulars submitted through online mode and in a hardcopy format is as produced below:

S. No.	Particulars	Attached/Not Attached
1.	Name of the Supplier / Manufacturer with Address (telephone number/Mobile No.) along with brief description of background.	
2.	Manufacturer / Authorized dealer / Distributor of medical machines / equipments certificate.	
3.	Experience of supply of medical machines / equipments to Government Medical Colleges, Hospitals, Universities/ Institutes of National Importance for not less than 03 years as on 31 March, 2025 (Attach relevant copies of work order).	
4.	Self-undertaking certificate as per condition 3 (f)	
5.	Average Annual turnover for the last three years (2021-22, 2022-23 & 2023-24). (Proof to be enclosed)	
6.	The tenderer must have sound financial background and a positive net worth for the last three years (2021-22, 2022-23 & 2023-24). (Proof to be enclosed)	
8.	a) PAN (proof to be enclosed) b) ITR statement/ Income Tax Assessment Order (for the last three years to be enclosed) i.e. 2021-22, 2022-23 & 2023-24. c) GST No. (proof to be enclosed)	
9.	Catalogues of offered product	
10.	Declaration Certificate (Annexure-C)	
11.	No Deviation Certificate (Annexure-D)	
12.	Undertaking (Annexure-E)	

Copies of documentary proof may be furnished where-ever required. Additional pages may be used, if needed.

Signature: _____
Name: _____
Designation: _____
R/o: _____
Contact No.: _____

Specifications of Medical Machines / Equipments:

S. No.	Name of Equipment	Technical Specifications
1.	Incubator	<p>1. Application</p> <ul style="list-style-type: none"> Designed for incubation of biological samples under controlled temperature conditions. Suitable for microbiology, pathology, pharmaceuticals, and clinical labs. <p>2. Construction</p> <ul style="list-style-type: none"> Inner Chamber: Stainless Steel (SS 304 grade), rust-proof and easy to clean. Outer Body: Powder-coated CRCA steel or SS 304. Insulation: High-density glass wool (minimum 50 mm) between walls for efficient thermal insulation. Door: Double-walled with silicone gasket and viewing window (optional). <p>3. Capacity (Choose as per requirement)</p> <ul style="list-style-type: none"> 100–250 liters (commonly used range). Shelves: 2–3 adjustable stainless-steel shelves. <p>4. Temperature Control</p> <ul style="list-style-type: none"> Range: Ambient +5°C to 60°C ($\pm 0.5^\circ\text{C}$ accuracy). Controller: Microprocessor-based digital PID temperature controller. Display: Large digital display for set and actual temperature. Sensor: PT-100 class A sensor for temperature feedback. <p>5. Air Circulation</p> <ul style="list-style-type: none"> Type: Forced air circulation with low-noise fan. Uniform temperature distribution across the chamber. <p>6. Safety Features</p> <ul style="list-style-type: none"> Over-temperature protection with alarm. Inbuilt fuse and thermostat cut-off. Door-open alert (optional). Audible/visual alarms for parameter deviations. <p>7. Data Logging (Optional)</p> <ul style="list-style-type: none"> Built-in USB port or RS232 interface for PC connectivity. Option for integrated data logger & thermal printer. <p>8. Power Supply</p> <ul style="list-style-type: none"> 220–240V AC, 50 Hz, single phase. Power consumption: ~1.0–1.5 kW depending on model size. <p>9. Certifications & Compliance</p> <ul style="list-style-type: none"> CE and ISO 13485 certified. Compliance with IEC 61010-1 (Safety) and IEC 61326 (EMC). <p>10. Accessories (Include if required)</p> <ul style="list-style-type: none"> Spare SS shelves. Stabilizer (2 kVA) for voltage protection. Calibration certificate from NABL-approved lab.
2.	Labour OT Table	<p>1. General Description</p> <ul style="list-style-type: none"> Purpose: Labour and delivery table suitable for obstetric procedures and minor surgeries (C-section, episiotomy, etc.).

		<ul style="list-style-type: none"> • Load Capacity: Minimum 180 kg or more (with safety margin). • Application Areas: Labour room, maternity OT, and minor procedure areas. <p>2. Table Dimensions & Movement</p> <ul style="list-style-type: none"> • Length: 190–210 cm (with optional extensions). • Width: 50–60 cm. • Height Adjustment: <ul style="list-style-type: none"> ◦ Range: 600 mm to 1000 mm. ◦ Operation: Electric or hydraulic (specify preference). • Backrest Tilt: 0°–90° (Fowler and semi-Fowler). • Trendelenburg / Reverse Trendelenburg: Minimum $\pm 15^\circ$. • Lateral Tilt: Minimum $\pm 15^\circ$ (optional but desirable). • Hydraulic Mandatory <p>3. Table Configuration</p> <ul style="list-style-type: none"> • Sections: At least 3-segment design (Backrest, Seat, Leg). • Detachable Leg Section: With perineal cutout and stirrups. • Adjustable Stirrups: For lithotomy position. • Head Section: Detachable for intubation access. <p>4. Control Mechanism</p> <ul style="list-style-type: none"> • Type: <ul style="list-style-type: none"> ◦ Electric (preferred) with handheld remote or foot pedal. ◦ Manual hydraulic backup optional. • Battery Backup: Minimum 30 minutes of operational backup. <p>5. Materials</p> <ul style="list-style-type: none"> • Tabletop: Radiolucent material (X-ray compatible). • Base Frame: SS304 or powder-coated corrosion-resistant frame. • Mattress/Upholstery: Water-resistant, fire-retardant, anti-bacterial, easy-to-clean vinyl. <p>6. Safety Features</p> <ul style="list-style-type: none"> • Central Locking Brakes. • Emergency Stop Button. • Side Rails (Removable) for Patient Safety. <p>7. Accessories (Standard/Optional)</p> <ul style="list-style-type: none"> • Adjustable leg holders/stirrups. • Armrests, headrest, and anesthesia screen support. • Waste Collection Tray under perineal cut-out. <p>8. Imaging Compatibility</p> <ul style="list-style-type: none"> • Compatible with C-arm fluoroscopy (desirable). • Tabletop should be X-ray permeable. <p>9. Certifications & Compliance</p> <ul style="list-style-type: none"> • CE/US FDA/ISO 13485 certified product. • Electrical safety: IEC 60601-1 compliance. • Autoclavable parts up to 135°C where applicable. <p>10. Electrical & Environmental Requirements</p> <ul style="list-style-type: none"> • Power Input: 220–240V, 50/60Hz. • Operating Conditions: 10–40°C; RH 30%–75% (non- condensing).
3.	LED Phototherapy Unit	<p>1. General Description</p> <ul style="list-style-type: none"> • Type: Double-Sided LED Phototherapy Unit (Top and

		<p>Bottom irradiance).</p> <ul style="list-style-type: none"> • Configuration: Detachable top unit (Brilliance Pro) and bottom unit with transparent bassinet. • Intended Use: Treatment of neonatal hyperbilirubinemia in hospital and clinical settings. <p>2. Top Unit (Brilliance Pro)</p> <ul style="list-style-type: none"> • Light Source: High-intensity blue LEDs. • Wavelength Range: 450–470 nm (optimal for bilirubin breakdown). • Irradiance Output: $\geq 35 \mu\text{W}/\text{cm}^2/\text{nm}$ at 35 cm distance (IEC 60601-2-50 compliant). • Adjustable Intensity: Multiple levels (at least 3 steps or variable). • Height Adjustment: Adjustable pole height to accommodate bassinet/incubator. • Tilt Angle: Adjustable light head for optimal coverage. • Display/Controls: <ul style="list-style-type: none"> ◦ Digital display with irradiance level, timer, and total usage hours. ◦ Simple touch or button interface. • Alarm System: Audio/visual alerts for system malfunction and usage time. • Power: 100–240 V AC, 50/60 Hz. <p>3. Bottom Unit (Brilliance Bottom)</p> <ul style="list-style-type: none"> • Light Source: Same high-intensity blue LEDs. • Integrated Bassinet: <ul style="list-style-type: none"> ◦ Material: Transparent, shatter-proof polycarbonate or acrylic. ◦ Structure: Detachable and easy to clean. ◦ Casters with locking mechanism for mobility. • Irradiance: $\geq 25\text{--}30 \mu\text{W}/\text{cm}^2/\text{nm}$ from below (within therapeutic range). • Cooling System: Fanless or quiet cooling system (optional). <p>4. Phototherapy Coverage</p> <ul style="list-style-type: none"> • Effective coverage area: $\geq 35 \text{ cm} \times 30 \text{ cm}$. • Dual-sided phototherapy for enhanced efficiency and shorter treatment duration. <p>5. Safety & Standards</p> <ul style="list-style-type: none"> • IEC 60601-1 and IEC 60601-2-50 compliant. • Electrical Safety: Class I, Type BF. • CE or US FDA certified (mandatory for government tenders). • Over-temperature protection and auto shut-off. <p>6. Accessories</p> <ul style="list-style-type: none"> • User manual and maintenance guide. • Detachable bassinet cover or shade (optional). • Spare power cord and fuse kit. <p>7. Environmental Conditions</p> <ul style="list-style-type: none"> • Operating Temperature: 10°C to 40°C. • Humidity: 30% to 75%, non-condensing
4.	Physiotherapy Equipment (Interferential Therapy & Ultrasonic Machine)	<p>A. Interferential Therapy (IFT) Unit</p> <ul style="list-style-type: none"> • Display & Controls: <ul style="list-style-type: none"> • Type: Graphical LCD display (minimum 4") • Touch interface: Capacitive touch control panel or membrane keypad • User interface: Intuitive with menu-based navigation

		<ul style="list-style-type: none"> • Output Channels: <ul style="list-style-type: none"> • Minimum 2 independent channels (dual channel) • 4-pole and 2-pole therapy options • Treatment Modes: • Interferential (IFC) Therapy <ul style="list-style-type: none"> • Frequency range: 1 Hz to 150 Hz • Modes: 2-pole, 4-pole, vector scan (0–100%) • Russian stimulation • TENS (Conventional, Burst, Modulated) • NMES • Galvanic / Faradic (optional) • Therapy Features: <ul style="list-style-type: none"> • Pre-programmed protocols (minimum 15) • Customizable treatment parameters • Adjustable intensity with visual feedback • Built-in treatment timer (0–60 minutes) • Safety & Design: <ul style="list-style-type: none"> • Built-in safety alarms • Patient safety switch (optional) • Compact, portable, with carry handle (optional) • Electrical protection: Class I, Type BF (IEC 60601) <p>B. Ultrasound Therapy Unit</p> <ul style="list-style-type: none"> • Frequency & Output: <ul style="list-style-type: none"> • Frequency modes: 1 MHz and 3 MHz • Intensity: 0.1 to 3.0 W/cm² (continuous and pulsed) • Timer: 0–30 minutes • Applicator: <ul style="list-style-type: none"> • Ergonomic, waterproof ultrasound head • Head size: Minimum 5 cm² • Skin contact detection (visual or audio indicator) • Display & Features: <ul style="list-style-type: none"> • LCD display showing frequency, mode, intensity, and timer • Modes: Continuous and Pulsed (10%, 20%, 50%, 100%) • Auto shut-off in case of poor contact or overheating • Portability & Design: <ul style="list-style-type: none"> • Compact and lightweight (<4 kg) • Hard case or carry bag (optional) <p>C. General & Compliance</p> <ul style="list-style-type: none"> • Power Supply: 220–240V, 50 Hz • Safety Standards: IEC 60601-1 compliance • Certifications: CE / US FDA / ISO 13485 • Warranty: Minimum 2 years <p>Optional Accessories:</p> <ul style="list-style-type: none"> • Electrode pads (reusable) • Gel (ultrasound) • Carry case • Extra lead wires and straps
5.	Portable Procedure Light	<p>1. Illumination:</p> <ul style="list-style-type: none"> • Luminance (Lux): Minimum 50,000 Lux at 1 meter • Spot Diameter: Adjustable, 100–150 mm • Depth of Illumination: Minimum 10–15 cm <p>2. Color and Rendering:</p> <ul style="list-style-type: none"> • Color Temperature: 3,800K to 4,800K • Color Rendering Index (CRI): ≥ 93 Ra (high fidelity for clinical use) <p>3. Light Source:</p> <ul style="list-style-type: none"> • Number of LEDs: 12 high-intensity medical-grade LEDs

		<ul style="list-style-type: none"> • LED Life Expectancy: $\geq 50,000$ hours • Focusing Mechanism: Manual • Light Head Diameter: Approx. 150 mm <p>4. Electrical and Control:</p> <ul style="list-style-type: none"> • Power Supply: 220V $\pm 10\%$, 50 Hz AC • Power Consumption: Max 12 Watts • Light Intensity Control: Digital, variable from 10% to 100% <p>5. Additional Features:</p> <ul style="list-style-type: none"> • Mounting: Portable (on stand with castor wheels), height adjustable • Mobility: Smooth castors with brake system • Ingress Protection: Minimum IP20 (for light head) <p>6. Certifications:</p> <ul style="list-style-type: none"> • Product should be CE (European Conformity) certified or BIS certified. • Manufacturer should be ISO 13485 certified. • Electrical safety: IEC 60601-1 compliant <p>7. Accessories and Documents:</p> <ul style="list-style-type: none"> • User manual (English) • Warranty: Minimum 2 years • Spare LED set (optional but preferred)
6.	Sleep LAB Study	<p>1. Polysomnography System:</p> <ul style="list-style-type: none"> • Diagnostic + Titration • System must support full PSG recording with a minimum of 32 channels. • Capable of simultaneous acquisition of EEG, EOG, EMG, ECG, respiratory effort, airflow, snoring, oxygen saturation, and body position. • Modular design with expandable inputs. • Data acquisition via wired or wireless headbox. • Sampling rate: ≥ 256 Hz (EEG), ≥ 1 kHz (EMG/ECG preferred). • Noise level: $< 1 \mu V$ RMS. <p>2. Headbox and Amplifier:</p> <ul style="list-style-type: none"> • Lightweight and wearable by the patient. • Accepts standard 10-20 EEG electrodes. • At least 4 EMG channels, 1 ECG channel, 2 EOG channels. • Inputs for thermistor, nasal pressure cannula, snore microphone, body position sensor, and RIP belts. • Rechargeable battery with minimum 8 hours runtime. <p>3. Respiratory Sensors:</p> <ul style="list-style-type: none"> • Pressure transducers compatible with adult and pediatric use. • RIP effort belts with reusable and adjustable design. • Thermistor for airflow. • Snore microphone and body position sensor included. <p>4. Oximetry:</p> <ul style="list-style-type: none"> • Integrated or external SpO2 module. • Reusable clip-type finger sensor. • SpO2 accuracy: $\pm 2\%$ (80–100%). • Pulse rate accuracy: ± 2 bpm. <p>5. Software:</p> <ul style="list-style-type: none"> • Advanced analysis software with auto-scoring and manual override. • Automatic detection of apnea, hypopnea, RERA, PLM, and

		<p>arousals.</p> <ul style="list-style-type: none"> • Network connectivity (LAN/Wi-Fi). • HL7/DICOM compatibility preferred. • Multi-language support preferred. <p>6. Video Monitoring (Optional):</p> <ul style="list-style-type: none"> • IR-enabled camera with PTZ functionality. • Synchronization with PSG data. • Recording and storage on local or network server. <p>7. Computer and Accessories:</p> <ul style="list-style-type: none"> • Medical-grade or industrial PC with licensed Windows OS. • Minimum 8 GB RAM, 512 GB SSD. • 21" HD display monitor. • Medical-grade keyboard and mouse. • 16-port Gigabit network switch (if network-based acquisition is used). <p>8. Compliance and Safety:</p> <ul style="list-style-type: none"> • USFDA or CE certification from Notified Body (4-digit) is mandatory. • Compliance with IEC 60601-1 and 60601-2-40 safety standards. • <p>9. Consumables and Accessories:</p> <ul style="list-style-type: none"> • 10 sets each: adult nasal cannula, EMG, EEG, and ECG leads. • Infant sensor kit (optional but recommended). • Headbox mounting kit and shoulder strap. • Reusable finger sensor. <p>10. Warranty and Training:</p> <ul style="list-style-type: none"> • Minimum 2-year comprehensive onsite warranty. • Installation, calibration, and comprehensive user training must be provided.
7.	PFT With DLCO	<p>General Requirements:</p> <ul style="list-style-type: none"> • Impulse Oscillometry or FOT • Fully integrated PFT system capable of performing spirometry, lung volumes, diffusion capacity, respiratory muscle strength, and airway resistance testing. • The system should comply with international standards such as ERS/ATS guidelines for lung function testing. • System should be provided with a stable metal housing with a compact and robust design for laboratory or clinical use. • Complete with all necessary accessories, including gas cylinders (standard D/L CO mixture) with regulators. • The system shall include comprehensive software with customizable reports, automated zeroing, STPS correction, and online volume and gas graphs to reduce operator errors. • Should provide fast, selective and linear gas analysis for precise CO transfer factor testing. <p>Technical Specifications:</p> <ul style="list-style-type: none"> • Flow Sensor: Variable orifice type with low resistance at all flow rates, unaffected by humidity or breathing patterns. • Tests supported: <ul style="list-style-type: none"> ○ Spirometry (FEV1, FVC, FEV1/FVC, etc.) ○ Slow Vital Capacity (SVC) ○ Maximal Voluntary Ventilation (MVV) ○ Diffusing Capacity for Carbon Monoxide (DLCO) with alveolar volume (VA) and transfer coefficient (KCO) ○ Respiratory Drive Testing (MIP/MEP) ○ Airway resistance (ROCC, GOCC)

		<ul style="list-style-type: none"> • Gas Analyzer: Fast response, ambient condition sensors, and microprocessor-controlled. • Calibration: Safe auto-zeroing while patient breathes normally. • Reports: Standard & customizable report formats with graphical outputs. • Accessories: Diffusion test gas cylinders with regulators included. <p>2. Fractional Exhaled Nitric Oxide (FeNO) Analyzer System General Requirements:</p> <ul style="list-style-type: none"> • Portable, battery-powered FeNO analyzer with ABS body for ease of grip and cleaning. • Non-invasive, rapid measurement of fractional exhaled nitric oxide in parts per billion (PPB). • Suitable for asthma monitoring, patient compliance, and medication management. <p>Technical Specifications:</p> <ul style="list-style-type: none"> • Display: Color touchscreen with patient prompts for easy operation. • Power: Operates on 3 AA batteries for portability. • Accuracy: Clinical-grade measurement with fast response time. • Infection Control: Easy to clean with antimicrobial design. • Measurement Units: Parts per billion (PPB). <p>3. Smokalyzer System (CO and Carboxyhemoglobin Measurement) General Requirements:</p> <ul style="list-style-type: none"> • Portable CO and %COHb analyzer for single breath measurement. • Used for smoking cessation programs and monitoring exposure to carbon monoxide. • Device must be user-friendly and robust for clinical or community use. <p>Technical Specifications:</p> <ul style="list-style-type: none"> • Display: Full color touchscreen. • Sensor: Electrochemical sensor with accuracy <3%. • Measurement Range: 0-150 ppm CO. • Battery: Alkaline batteries (LR6 or equivalent). • Operating Conditions: Temperature 10-40°C, Humidity 10- 90%. • Sensor Life: Minimum 5 years warranty. • Construction: Polycarbonate/ABS body with antimicrobial polypropylene mouthpiece. <p>Certifications and Compliance</p> <ul style="list-style-type: none"> • All devices should be CE marked and/or US FDA approved. • Manufacturer must comply with ISO 13485:2016 quality standards. • Warranty: Minimum 2 years, with onsite service support. • Device software should be compatible with HL7 or hospital EMR systems (optional but preferred).
8.	RF Cautery Machine	Power Required: 230v/50Hz Electrodes: Insulated Frequency: 0.2 to 2.93 MHz Cut: 70% cut to 30% coag Coag: 60% coag 40% coag Fulguration: Available Intensity Control: Linear, can be finely adjusted Rf needles / loupes: included Warranty: 5 years
9.	CO ₂ Laser	Power: upto 50W

		Power requirements: 100-240 VAC 50-60 Hz Laser Emission: CW, Single, Ultra-Pulse Pulse Duration: Fractional: 10ms-5000ms Surgical: 0.1 ms – 10 ms Wavelength: 10600 nm Stacking / Times: 1-2 Treatment Area: 20 mm*20mm Scanning shapes: Square, Triangle, Hexagon, Circle Scanning Patterns: Random, Midsplit, Sequence Aiming Beam: 650 nm- 5mw Red Diode Laser Operating System: Touch Screen Energy Transmission: 7 Joints articulated arm Laser Emission Control: Foot Switch
10.	Centrifuge	Digital speed Indicator: + Stepless Speed Regulator: + Imbalance detector with cutoff: + Max Speed: 6000 rpm Max RCF: 5070 g Max capacity: 400 ml Digital Timer Range: 0-99 Min Noise: <60 Db W*D*H: 380*470*300 mm

(ON THE LETTER HEAD OF THE FIRM)

DECLARATION

I / We hereby declare that no case is pending with the police / court against the bidder / firm / company (Agency). Also, I / We have not been suspended / blacklisted by any PSU / Government Department / Financial Institution / Court etc.

Seal and Signature of the bidder

Place:

Date:

(ON THE LETTER HEAD OF THE FIRM)

NO DEVIATION CERTIFICATE

Notwithstanding anything mentioned in our bid, we hereby accept all the terms and conditions mentioned in the e-NIT. I/We hereby undertake and confirm that we have understood the specifications properly and shall supply the medical machines / equipments to SMVDIME.

Seal and Signature of the bidder

Place:
Date:

(ON THE LETTER HEAD OF THE FIRM)

UNDERTAKING

To _____
The _____

Sub: e-NIT for Supply, Installation, Testing and Commissioning of Medical Equipments (Department of Paediatrics, OBG, Dermatology, Physiotherapy, Pulmonology / Psychiatry) and (for selected equipments) post-warranty Comprehensive Annual Maintenance Contract for a period of 05 years. The Medical Equipments in reference are required at Shri Mata Vaishno Devi Institute of Medical Excellence, Kakryal (Katra).

Sir,

1. I/We hereby agree to abide by all terms and conditions laid down in tender document.
2. **We will be responsible for warranty of all Machinery and Equipment for three years from the date of successful installation.**
3. This is to certify that/We before signing this bid have read and fully understood all the terms and conditions and instructions contained therein and undertake myself/ ourselves abide by the said terms and conditions.
4. I/we agree to abide by the tendered terms & conditions.
5. I / we declare that our financial position is sound and we are competent to execute the supplies as & when allotted.
6. We will execute the supplies strictly in accordance with the approved specifications, if approved in our favour.

(Signature of the Bidder)

Name and address of the Bidder

FINANCIAL BID
(to be submitted online only)

**FOR THE SUPPLY OF MACHINES / EQUIPMENTS TO SHRI MATA VAISHNO DEVI INSTITUTE
OF MEDICAL EXCELLENCE, KAKRYAL**

S. No.	Name of Equipment	Indicative Qty	All-inclusive rate per Unit for SITC (in Rs.)	CAMC charges for 5 years (in Rs.)	Total Amount (in Rs.)
1.	Sleep LAB Study	1			
2.	PFT with DLCO	1			
3.	CO2 Laser	1			
4.	Incubator	1		Not Required	
5.	Portable Procedure Light	1		Not Required	
6.	Physiotherapy Equipment (Interferential Therapy & Ultrasonic Machine)	18		Not Required	
7.	Labour OT Table	1		Not Required	
8.	LED Phototherapy Unit	1		Not Required	
9.	RF Cautery Machine	1		Not Required	
10.	Centrifuge	1		Not Required	