



**GOVERNMENT OF GOA
Medical Store Depot (MSD),**

Directorate of Health Services, Campal, Panaji, Goa 403 001

Email: msddhsgoa@yahoo.in

Ph. Nos. 2225646/5540/5668

No.110/PT/DHS/MSD/2026-27/ 689

Dated: 3/07/2026

TENDER NOTICE

(E-Tendering Mode Only)

1. E-tenders are invited by the Director, Directorate of Health Services Campal, Panaji Goa on behalf of the Governor of Goa up to **10/08/2026 till 5.00p.m.**, for supply of **ORTHO IMPLANTS AND INSTRUMENTS** as listed in the **Annexures A, B, C, D and E** attached.
2. The tender forms with terms and conditions and list of the items, can be viewed and downloaded online on the website **<https://eprocure.goa.gov.in>**.
3. The tender "Quotation for Tender no. 110/PT/DHS/MSD/2026-27/ 689 dated 3/07/2026 should be submitted online. **Last date and time for submission of quotation online is 10/08/2026 at 5.00pm.** Submission of bids beyond the stipulated date and time will not be entertained.
4. Corrigendum /modifications/corrections will only be published on the same Website only. No newspaper notices will be published in this regards.
5. The following payments to be made online through e-payment mode via NEFT/RTGS/Net banking (Axis Bank) with pre-printed challans available on e-tendering website and directly credit the amount to ITG account as generated by challan and the copy of NEFT/RTGS/Net Banking (Axis Bank) challan is to be scanned and uploaded along with the bid on the website prior to submitting the hard copies before 10/08/2026 by 5.00pm.

Note: For any query please contact NIC help desk available on "Contact Us" Section on the portal **<https://eprocure.goa.gov.in>**

Cost of tender document in Rs.	* Earnest Money Deposit (EMD) in Rs.	Tender processing fee in Rs.
Rs. 2,500.00	3 % of the cost of items quoted	Rs. 6,000.00

*** Earnest Money deposit to be submitted @ 3% of the cost of the items quoted. Bidders submitting EMD @ 3% of the cost of the items quoted should select EMD exemption and upload Self -declared letter/ certificate mentioning the amount of EMD submitted. Same will be checked/scrutinized after the opening of Financial bid. Non-submission of correct amount of EMD will lead to disqualification of the bidder from the tender.**

6. **The technical bids will be opened online on 12/08/2026 at 10.30 a.m. in the presence of the Purchase Committee members.**
7. **Hard copies of technical bids and financial bids of all the uploaded documents in two separate envelopes should also be submitted to this office separately along with the copy of**

NEFT/RTGS/ Net banking (Axis bank) challans of cost of tender document, EMD and tender processing fees **on or before 10/08/2026 by 5.00 p.m.** Catalogues of all implants/instruments should be submitted along with the technical bid.

8. The quotation should be submitted online as per the annexures attached, along with the required documents/certificates. Hard copies of the same to be submitted to this department before the stipulated date and time.

9. **The tender is categorized as follows:**

Annexure A: Implants Upper Limb (Case to case based)

Annexure B: Implants Lower Limb (Case to case based)

Annexure C: Paediatric Implants (Case to case based)

Annexure D: Region wise Implants

Annexure E: General Instruments

10. **Eligibility to participate and preference policies:**

- a) Subject to provisions in the Tender Document, this invitation for Bids is open to all bidders who fulfill the 'Eligibility' and 'Qualification criteria.
- b) A certificate from State Drugs Controller that the Manufacturer is neither convicted nor prosecuted under the Drugs and cosmetics Act 1940 for manufacturing Orthopaedic Implants should submit and which should not be more than one year old.
- c) The tender allows either the OEM or their authorized distributors to participate in the Bid.
- d) A valid OEM authorization certificate is mandatory to participate in the bid.
- e) The tender allows OEM to participate and then appoint the authorized distributor to supply the goods subject to conditions mentioned in this tender document.
- f) **The OEM should be in the business of manufacturing ORTHO IMPLANTS AND INSTRUMENTS for the Past two-three years or more.** The same should be authenticated through the documents.
- g) **The authorized distributor should be in the business of ORTHO IMPLANTS AND INSTRUMENTS for the past two-three years or more.** The bidder should submit at least one Purchase order copy for the ORTHO IMPLANTS AND INSTRUMENTS to any of the Government organizations/ hospital/ PSU medical institute for each of the last two-three years.
- h) The Authorized distributor should have Valid drug License.
- i) The bidders should submit all the required documents mentioned in the **Technical Bid** and elsewhere in the Tender document.
- j) Non submission of documents either complete or in parts could lead to disqualification/ rejection of bid. The authority reserve the right to accept/reject/give additional time- to Submit documents.
- k) An Earnest Money Deposit to be submitted @ 3% of the cost of the items quoted and is to be paid online through e-payment mode via NEFT/RTGS/Net banking (Axis Bank) with pre-printed challans available on e-tendering website and directly credit the amount of ITG account as generated by challan. Any deposit sent earlier for another tender will not be considered, even if the supplies in respect of the said deposit are completed. Earnest money deposit sent in any other form will not be accepted. The firms which are registered with DGS & D should also send Earnest Money Deposit. If any exemption on this behalf

is required, they should produce an attested certificate from DGS & D that they are registered for supply of the category of the items covered under the above tender opening and still continue to be registered with them till date. Bidders submitting EMD @ 3% of the cost of the items quoted should upload Self -declared letter/ certificate mentioning the amount of EMD submitted. Same will be checked after opening of Financial bid and non-submission of correct amount of EMD will be disqualified.

- l) As per notification no. 3/40/2003-IND(Part) dated 8th September 2011 issued by Industries Department, Government of Goa, Secretariat, Porvorim Goa, only those Micro and small Enterprises having turnover not exceeding Rs. 10.00 crores per annum for the preceeding 3 financial years and acknowledged with Entrepreneurs Memorandum Part II by Director of Industries, Trade and Commerce shall be eligible for the benefit under this scheme. A copy of the certificate may be furnished. All other SSI units will be treated on par with other firms. Micro and Small-scale enterprise registered with NSIC in order to claim benefits of scheme will have to be registered with Directorate of Industries Trade and Commerce Goa.

m) Security Deposit:

The Successful bidder has to pay 5% of the total value of the order as Security Deposit, in form of Bank Guarantee with a validity of **two** years for due performance of the supply order. This security deposit will be refunded only after the completion of the validity period. Earnest money deposit will be refunded only after the receipt of the security deposit in case of successful tenderers. If the successful tenderer does not submit the security deposit the bill/invoices will not process for the payment and the E.M.D. shall be forfeited to the Government. All the application for the refund of E.M.D. and Bank Guarantee (in Liew of Security Deposit) for the tender should be made only to the Director of Health Services with all the details of e-payment along with the complete detail for which it is submitted.

11. KINDLY REFER TO THE CLAUSES MENTIONED BELOW FOR ANNEXURE A, B, C, D AND E.

11.1 RATE CONTRACT:

- **Annexure A (Implants Upper Limb) (Case to case based)**
- **Annexure B (Implants Lower Limb) (Case to case based)**
- **Annexure C (Paediatric Implants) (Case to case based)**

- i) **SIGNING OF CONTRACT:** After finalization of tender the Purchaser notifies the successful bidder that his bid has been accepted, the Purchaser will send the bidder the contract form, incorporating all agreements between the parties. Within 30 days (or within the period if and as extended by the Purchaser) of receipt of the contract form, the successful bidder shall sign and date the contract on non-judicial stamp paper of requisite denomination and return it to the Purchaser.
- ii) **CONTRACT AMENDMENTS:** No variation in or modification of the performance of the contract shall be made except by written amendment signed by the parties.
- iii) The authorized distributors shall not sublet, transfer or assign the contract to any part thereof. On the event of subletting, the contract shall be cancelled & performance security deposit will be forfeited.
- iv) The OEM can participate directly in the tender. In case OEM wants to authorize any particular distributor after being declared successful, the same should be declared while submitting the bid. The OEM should submit all the related details of the

- authorized distributor in the prescribed proforma. In such case, the OEM and the authorized distributor together should sign the contract. Subsequent to this all the Purchase orders and payments will be issued in the name of Authorized distributors.
- v) Any change in authorized distributor by the OEM should be done with prior intimation to the hospital authorities. Upon change in the distributor, contract agreement should be revised within stipulated time decided by the hospital authorities.
 - vi) If the OEM is participating as a Bidder, either the OEM should have its registered office in Goa or the authorized distributor to be appointed by him should have its registered Office in Goa.
 - vii) If the bidder is an authorized distributor, should have its registered office in Goa.
 - viii) **Delivery Schedule for Annexure A,B& C (Case to case based)**: All the items in the Annexure A, B& C should be supplied as demanded on case to case basis and the vendor should take up the responsibility to refill the used items for next case on priority basis. The required implants should be supplied with complete set of instrument for use in case. It has to be supplied on case to case based demand and request from the user department.
 - ix) The successful bidder should strictly adhere to the mentioned delivery schedule. All the items in the tender should be supplied as demanded on case to case basis and the vendor should take up the responsibility to refill the used items for next case on priority basis. The billing would be post-facto after the use on case to case basis. If the successful bidder fails to execute the supply within prescribed period -maximum of one week, a Penalty of 0.5% of the value of the order calculated at the contacted rate per week or apart of the week will be recovered subject to maximum of 10%. The Director of Health Services has right to recover the damages for breach of contract/order to forfeit the Earnest Money.

NOTE:

- x) The companies/Distributors have to supply full set of instrumentation required for all the cases along with full range of implants. They have to provide proper guide wires, drill bits, exchange tubes etc at their own cost with the instrumentation. When required by the department the companies need to provide the power drill, reamers and other essential instruments/ equipment at their own cost.
- xi) Instrument sets have to be provided free of cost in respect of implants purchased for orthopedic surgery one day prior to surgery against a Challan. The bidder shall be responsible to supply and to collect back the instrument set against receipt after the completion of surgery without any cost. Acknowledgement will be provided by an authorized person in the orthopedic OT for receipt and return of instruments. No claim in respect of any damage to instrument during use or due to normal wear & tear shall be admissible. Failure to provide instruments as and when required will be considered as non performance
- xii) Sometimes the specific size/measurement of an implant/item could only be determined by the surgeon in the operation theatre, due to individual variations in physical measurements of patients. The tendered firm/distributor should be willing to make necessary arrangements, in consultation with the concerned officer of the department, in such cases, so that the items within a range of sizes/measurements are available at operation to choose from. It is made clear that only those items which are selected and used in such cases are considered for procurement and the rest/unused items in such cases are to be taken back by the tendered firm/distributor at their own risk and cost.
- xiii) The company representative who has knowledge of implants should be available in the Operation Theater for any assistance to the surgeon about the Instrumentation and implants for all the cases as and when required by the department of Orthopedics.

They should co-ordinate with OT staff or supply of these items to OT at their own cost.

- xiv) The surgical technique of the implant used should be provided along with the instrument Set (both hard and soft copy along with Templates). Failure to provide instruments as and when required will be considered as non-performance.
- xv) Supply order may be placed for an individual item (as a whole including all sub-division) as well as any of the sub-division of a particular item.
- xvi) **Rate Contract for Orthopedic Implants is a running rate contract and items have to be supplied immediately upon receiving supply order within 24 hours**
- xvii) The Company should provide technical Assistance and training of the hospital staff as and when required. The company should be able to provide more than one set in a day if required.
- xviii) Companies supplying revision implants should provide instruments for removal of well fixed implants & cements.
- xix) The companies should provide a good working standard drill/saw system/Shaver system for the cases at their own cost along with the instrumentation if required as per requirement of the department.

11.2 **MODE OF PAYMENT:**

On Post facto basis-(Case to case based)

- The payment towards the supply is subject to receipt of inspection note/performance certificate to the effect that the items supplied are conforming to the supply order placed.
- The supplier shall enter into a contractual agreement with the purchaser and the cost incurred in this connection shall be borne by the supplier.
- If the items are not supplied by the scheduled date, the order in respect of the quantity not supplied is liable to be cancelled at the supplier's risk and expenses. The additional expenditure if any, involved in procuring similar supplies from other sources shall, in that case is recoverable from the supplier from any amount payable or Security Deposit.

11.3 **Termination for fault:**

The purchaser may, without prejudice to any other remedy for breach of contract, terminate the Contract in whole or part by giving a written notice of default to the supplier, if the supplier fails to deliver within the period specified in the contract, or within any extension thereof granted by the purchaser.

In the event of the purchaser terminating the contract in whole or in part, the purchaser may procure upon such items and in such manner as it deems appropriate, the goods similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, However the supplier shall continue the performance of the contract to the extend not terminated.

If the selected firm holder defaults in supply or makes part supply/non supply the items more than three times during the contract period the purchaser can terminate the contract and purchaser can also black list the supplier from the further participation in any DHS BIDs.

11.4 **Annexure D & Annexure E**

- **Annexure D(Region wise Implants) &**

- **Annexure E (General Instruments)**

- i) **Delivery Schedule for Annexure D(Region wise Implants) & E(General Instruments):**

The delivery of the goods should be made within a period of one month or earlier from the receipt of the firm order, failing which the order will be treated as cancelled without further notice and Earnest Money Deposit will be forfeited in favor of the Government.

- ii) The Tenderer should deliver implants/ instruments in the concerned department of the Hospital. Delivery should be made as per the requirement anywhere in the state of Goa as mentioned in the order.

12. GUARANTEE/ WARRANTY PERIOD.

- i) All the Implants (Annexure A, B, C&D) shall be carrying 1 (One) year warranty / guarantee against defects of manufacturer/workmanship and poor quality of components.
 - ii) All the Instruments (Annexure E) shall be carrying 2 (Two) year warranty / guarantee against defects of manufacturer/workmanship and poor quality of components.
 - iii) The following written guarantee / declaration must be provided exclusively while quoting for Implants / consumables.
 1. The name, addresses, phone no, fax no, etc, of the authorised dealer / service centre (as the case may be) in Goa for each of the specific implants / consumable quoted.
 - (iv) The complete information & certification regarding the composition of the metal / material used in the implants must accompany the bid.
13. Manufacturer name and batch no. should be mentioned on every implant wherever feasible. Test report of appropriate material used for every batch should be submitted at the time of supply of implant. The certificate should be from a Govt. certified agency.
14. The offer should be firm. Conditional offer will not be considered.
15. The rate should be quoted F.O.R. Destination. Taxes to be mentioned separately. Additional taxes if any can be mentioned in the remarks column of Financial Bid.
16. The rates quoted should be valid for a minimum period of 24 months from the date of placement of first order.
17. The supplier may insure the goods at his own cost to safeguard the delivery of such goods dispatched by him to the consignee, as this Department will not be responsible for the damage or pilferage of goods during transit.
18. The Director of Health Services reserves the right to accept the supply made by the supplier after the expiry of the stipulated delivery period in genuine cases.
19. The Director of Health Services is free to find the market rate of the product that it intends to procure. Final order will be placed to the successful bidder only after a thorough study and comparison of market rate of the product vis a vis the rate quoted by the lowest bidder is done.
20. The quantities of the items listed in the Annexures are likely to increase or decrease. Orders will be placed depending on the need/requirements of the department, at that point of time. The Directors decision in this regard will be taken as final.
21. Tenderers who do not agree with the Terms and Conditions mentioned herein may not submit their bids.

22. If the Tenderer requires interpretation of any clause, the decision of the Director of Health Services should be taken as final.
23. The nationality of the Tenderer should be specifically mentioned in the Tender.
24. The Director of Health Services reserves the right to reject any or all tenders without assigning any reasons.
25. The Director of Health Services will not entertain any correspondence with regards to the tender once the lowest bidder is selected.
26. **TAX, EXCISE DUTY, AND OTHER LEVIES:** Taxes as applicable and as amended by Government from time to time should be specifically mentioned, failing which no claim for taxes etc. will be entertained at a future date.
27. **INSURANCE:** This being Government institution equipment will not be insured by us. They have to be insured by the successful tenderer at their own cost to ensure reaching of the equipment dispatched by them at the destination.
28. **TERMS OF PAYMENT:** In Indian rupees vide ECS
29. In the event of any dispute or difference between the parties hereto in relation to with this tender, the court in Goa shall have exclusive jurisdiction to adjudicate such dispute or difference
30. Incase tenderer want to submit any additional information, the same may be furnished along with supportive documents in technical bid.
31. THE REDUCTION IN PRICES UNDER THE DRUGS PRICE CONTROL ORDER WILL BE ACCEPTED AND NEW REDUCED RATES SHALL BE THE BASIS OF CONTRACT FROM THE DATE OF THE REDUCTION.
32. All materials used in Orthopaedic implants/instruments shall be made of medical grade SS316L. The bidder must submit valid material test certificate.
33. Implants used in surgery must be supplied with metallurgical report of said batch from concerned authority.
34. **Gradation of implants such as plates, nails and screws shall be taken on the basis of total value-wise evaluation of Annexure A, B, C& D. Hence it is mandatory that bidders should quote for each of the items as the plates, screws, nails should be compatible with each other and should be of the same company/manufacturer. If the bidder fails to quote for any of the single item their bid for Annexure A, B, C& D will be not considered or will be rejected.**
35. Tenderer has to provide samples/demonstration of the ORTHO IMPLANTS AND INSTRUMENTS quoted by them to the committee constituted by the competent authority of the hospital on the date, time and venue decided by the tendering authority. The bidder will

have to be present during this demonstration with the requisite number of samples for the ORTHO IMPLANTS AND INSTRUMENTS approved and being intimated to him by the tendering authority. If the bidder fails to be present or fails to bring the samples, his bid for the respective ORTHO IMPLANTS AND INSTRUMENT will be summarily rejected or no further chance will be given unless bidder submits a letter about his inability to do so with valid reasons and the same should have been accepted and approved by the tendering authority. All the samples provided should be free of cost and hospital will not pay charges towards these samples or its demonstration.

36. The bidders/manufacture/OEM will get only one chance for demonstration. In case, the company fails to arrange the demonstration the tender shall be liable for cancellation.

35. A prebid meeting is scheduled on **15/07/2026 at 10.30 a.m. in the Seminar Hall of Directorate of Health Services, Campal, Panaji-Goa.**

Bidders are requested to attend a Pre-bid meeting for clarification on technical specifications and commercial conditions of the Tenders, on the time. Date and Place mentioned in the Tender notice. Participation in such Pre-bid Conference is not mandatory, however, in case a bidder chooses not to participate (or fails to do so), it shall be assumed that they have no issues regarding the Technical/commercial specifications/ conditions and no subsequent representations from them in this regard shall be admissible

No suggestions/queries will be entertained after this prebid meeting.



(Dr. Rupa Naik)
Director of Health Services

TECHNICAL BID

The quotations should be clearly marked with Tender No.110/PT/DHS/MSD/2026-27/689 dated 03/07/2026:(Technical Bid) uploading the following documents:-

1. An Earnest Money Deposit to be submitted @ 3% of the cost of the items quoted and is to be paid online through e-payment mode via NEFT/RTGS/Net banking (Axis Bank) with pre-printed challans available on e-tendering website and directly credit the amount of ITG account as generated by challan. Any deposit sent earlier for another tender will not be considered, even if the supplies in respect of the said deposit are completed. Earnest money deposit sent in any other form will not be accepted. The firms which are registered with DGS & D should also send Earnest Money Deposit. If any exemption on this behalf is required, they should produce an attested certificate from DGS & D that they are registered for supply of the category of the items covered under the above tender opening and still continue to be registered with them till date. Bidders submitting EMD @ 3% of the cost of the items quoted should upload Self-declared letter/ certificate mentioning the amount of EMD submitted. Same will be checked after opening of Financial bid and non-submission of correct amount of EMD will be disqualified.
2. As per notification no. 3/40/2003-IND(Part) dated 8th September 2011 issued by Industries Department, Government of Goa, Secretariat, Porvorim Goa, only those Micro and small Enterprises having turnover not exceeding Rs. 10.00 crore per annum for the preceeding 3 financial years and acknowledged with Entrepreneurs Memorandum Part II by Director of Industries, Trade and Commerce shall be eligible for the benefit under this scheme. A copy of the certificate may be furnished. All other SSI units will be treated on par with other firms. Micro and Small scale enterprise registered with NSIC in order to claim benefits of scheme will have to be registered with Directorate of Industries Trade and Commerce Goa.
3. The Stockist/Distributor who supplies the implants/instruments on behalf of the Manufacturer should furnish/upload Authority letter for this particular Tender, to quote the items on their behalf wherever required.
4. The Authorized distributor should have Valid drug License
5. ISO Certificate of the manufacturer/ Company are mandatory and should be uploaded/attached.
6. CE certificate/USFDA Certificate of the manufacturer/ Company is to be furnished and should be uploaded/attached for all the items
7. ISI certified equipments/instruments will be accepted only if CE certificate is not available, at the discretion of the Consultants and Purchase Committee. However the decision of the Consultants and Director will be final.
8. 2-3 years experience certificate
9. IT returns for the last three years along With Audited Balance Sheet from Registered CA
10. Purchase Order copies for having supplied the ortho implants to government hospital/ Private Institutions. Purchase order in bidder name for last two-three years. (at least one PO Copy)

11. A certificate from State Drugs Controller that the Manufacturer is neither convicted nor prosecuted under the Drugs and cosmetics Act 1940 for manufacturing Orthopaedic Implants should submit and which should not be more than one year old.

12. Information in the following format should be submitted for items quoted:-

Sr. No	Name of the item	Mfg by	Mkt By	Authorisation letter Yes/No	Valid Drug Licence Yes/No	CE / USFDAC Cert Yes/No	ISO Cert Yes/No	ISI Cert Yes/No	MSME/ S.S.I. certificate Yes/No	Remark
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13. All materials used in orthopaedic implants/instruments shall be of medical grade SS316L. The bidder must submit valid material test certificate.

14. The Director of Health Services reserves the right to reject any or all tenders without assigning any reasons.

(Dr. Rupa Naik)
Director of Health Services

FINANCIAL BID

The quotation should be clearly marked with Tender No 110/PT/DHS/MSD/2026-27/689 dated 2/07/2026 .

1. Should contain any/all documents including any price.
2. The Price should be quoted in Indian Rupees which should also indicate all taxes FOR destination separately.
3. While filling the respective annexure, if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder in the assigned column rate of such item shall be treated as "0" (ZERO) & will be treated as incomplete tender & will be rejected outright. Kindly enter the name of the bidder in the respective cell.
4. Taxes as applicable and as amended by Government from time to time should be specifically mentioned, failing which no claim for taxes etc. will be entertained at a future date.
5. The Financial bid of all the tenderers, whether technically selected or rejected can be viewed online. However, the technically rejected items/bids will not be taken into consideration for gradation.
36. **Gradation of implants such as plates, nails and screws shall be taken on the basis of total value-wise evaluation of Annexure A, B, C& D. Hence it is mandatory that bidders should quote for each of the items as the plates, screws, nails should be compatible with each other and should be of the same company/manufacturer. If the bidder fails to quote for any of the single item their bid for Annexure A, B, C& D will be not considered or will be rejected.**
6. The Director of Health Services reserves the right to reject any or all tenders without assigning any reasons.
7. The quotation should be uploaded as per attached BOQ.


(Dr. Rupa Naik)
Director of Health Services

ADDITIONAL QUESTIONS FOR IMPORTED ORTHO IMPLANTS / INSTRUMENTS

1. Please indicate here prices on the following basis:
 - i. F.O.R.
 - ii. F.A.S. Port of Shipment of your Principals/ Manufacturers.
 - iii. C.I.F. Indian Port.
 - iv. F.O.R. Station of dispatch. (also indicate the Station of dispatch)
2. For F.O.B./ F.A.S. quotation please indicate here separately :
 - i. Net ex-factory price.
 - ii. Net F.O.B. /F.A.S Prices exclusive of profit/ commission.
3. In case you are a foreign firm quoting direct please indicate:-
 - i. The name and address of your Indian Agents/Associates/Representative for servicing in India.
 - ii. Net F.O.R./F.A.S. price inclusive of the amount or remuneration or commission for the Indian Agents/ Associates.
 - iii. Commission/remuneration payable to the Indian agents/ associates in Rupees.
4. Please indicate the following particulars:-
 - i. The precise relationship between the foreign manufacturers/Principals and their Indian Agents/Associates.
 - ii. The mutual interest which the Manufacturer/principals and the Indian Agents/Associates have in the business of each other.
 - iii. Any payment which the Agents/Associates receive in India or abroad from the manufacturer/principals whether commission for the contract or as a general retainer fee.
 - iv. Indian Agents Income Tax Permanent Account Number.
 - v. The foreign suppliers Income Tax Permanent Account Number.

(SIGNATURE OF TENDERER)

ANNEXURE – II

(TENDERER SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELOW: TENDERERS MAY PLEASE NOTE THAT IF THE ANSWERS FURNISHED ARE NOT CLEAR AND/OR EVASIVE, THE TENDER QUOTED WILL BE LIABLE TO BE IGNORED)

- 1) Tender No.----- Due Opening on -----
- 2) Offer is open for acceptance for 2 years from the placement of the first order.
- 3) whether the stores offered fully confirm to the technical particulars and specification/ drawings, specified by the purchaser in the schedule to tender, if not mention here details of deviations.
- 4) Brand of Stores offered.
- 5) Name and address of the manufacturer:
- 6) Station of manufacturer:
- 7) Please confirm that you have offered packing :
- 8) What is your permanent Income Tax Account Number & TIN No.
- 9) a) Are you registered with DGS & D for the item quoted, if so, indicate whether there is any monitory limit of registration.

b) In case you are registered with NSIC under Single point Registration Scheme for the item quoted, confirm whether you have attached a photocopy of the registration certificate indicating the items for which you are registered.
1. If you are not registered either with NSIC or with DGS & D, Please state whether you are registered with Directorate of Industries of State Government Concerned.
2. Please furnish your performance statement.
3. Business name and constitution of the firm . Is the firm registered under:
 - i. The Indian Companies Act, 1956.
 - ii. The Indian Partnership Act 1932 (please give full names and address).
 - iii. Any Act, if not, who are the owners

(Please give full names and address).

4. Whether the tendering firm is /are:
- i. Manufacturer
 - ii. Manufacturer's authorized agents.
 - iii. Manufacturer's stock of the stores tendered for.

N.B: If manufacturers, agents, please upload with
Tender the copy of the Manufacturers authorization.

5. For partnership firms state whether they are registered or not registered under Indian Partnership Act, 1932. Should the answer to this question by a partnership firm be in the affirmative, please state further:-
- a) Whether by the partnership agreement, authority to refer disputes concerning the business of the partnership to arbitration has been conferred on the partner who has signed the tender.
 - b) If the answer to (a) is in the negative, whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed the tender to refer dispute concerning business of the partnership to arbitration.
 - c) If the answer to either (a) or (b) is in the affirmative copy of the partnership agreement and the general power of attorney may be furnished along with the tender, where authority to refer disputes to arbitration has not been given to the partner signing the tender, the tenders must be signed by every partner of the firm.

(Signature of the Tenderer)

(To be printed on the Bidders Letter head and signed by the authorized person with a company/firm seal)

ANNEXURE- III

TENDER FOR THE SUPPLY OF ORTHO IMPLANTS AND INSTRUMENTS REQUIRED FOR DIRECTORATE OF HEALTH SERVICES, PANAJI, GOA

To,
Director of Health Services,
Directorate of Health Services,
Campal, Panaji- Goa-403001

Madam,

Sub: Forwarding of Tender document for SUPPLY OF ORTHO IMPLANTS AND INSTRUMENTS supply

We take the pleasure in submitting our Bid for SUPPLY OF ORTHO IMPLANTS AND INSTRUMENTS.
We bind ourselves to the terms and conditions prescribed in the Tender Notification.

OFFICE SEAL:

SIGNATURE:

DESIGNATION:

NAME & ADDRESS:

ANNEXURE.-IV

(To be submitted on the letter head of the bidder duly signed by the authorized Person with seal or stamp

1	Name & address of the firm, including phone No., fax and email	
2	Name of the bank	
3	Name of the branch and address	
4	Bank Branch code	
5	Type of Account: SB/CC/CA	
6	Bank Account no.	
	IFSC code	
8	MICR code	
9	Bank Email Address	

(Dr. RupaNaik)
Director of Health Services

ANNEXURE A

Upper Limb (CASE TO CASE BASED) (Price of screws to be quoted in Annexure D)

Sr. No.	Name of Items	Qty.
1	Clavicle	
1.a.	3.5mm anatomical clavicle locking plate with 3.5mm locking screws and 3.5 cortical screws system with instrumentation	
1.a.1.1	6 hole (L)	1
1.a.1.2	6 hole (R)	1
1.a.2.1	7 hole (L)	1
1.a.2.2	7 hole (R)	1
1.a.3.1	8 hole (L)	1
1.a.3.2	8 hole (R)	1
1.a.4.1	9 hole (L)	1
1.a.4.2	9 hole (R)	1
1.b.	3.5mm lateral end clavicle plate with 3.5mm cortical and locking screws and 2.7 mm locking screw system with instrumentation	
1.b.1.1	3 hole (L)	1
1.b.1.2	3 hole (R)	1
1.b.2.1	4 hole (L)	1
1.b.2.2	4 hole (R)	1
1.b.3.1	5 hole (L)	1
1.b.3.2	5 hole (R)	1
1.b.4.1	6 hole (L)	1
1.b.4.2	6 hole (R)	1
1.c.	Mersilene tape without needle	1
1.d.	Mersilene tape with needle	1
2	Proximal humerus	
2.a	PHILOS locking plate with 3.5 mm cortical screws and 3.5 mm locking and 3.5 mm cancellous locking screw system with instrumentation	
2.a.1	2 hole	1
2.a.2	3 hole	1
2.a.3	4 hole	1
2.a.4	5 hole	1
2.a.5	6 hole	1
2.a.6	7 hole	1
2.a.7	8 hole	1
2.a.8	9 hole	1
2.a.9	10 hole	1
2.b	Humerus interlocking nailing system with nails and IL bolts and instrumentation	
2.b.1	6 mm * 20cms	1
2.b.2	6 mm * 22cms	1
2.b.3	6 mm * 24cms	1

		1
2.b.4	6 mm * 26cms	1
2.b.5	6 mm * 28cms	1
2.b.6	6 mm * 30cms	1
2.b.7	7 mm * 20cms	1
2.b.8	7 mm * 22cms	1
2.b.9	7 mm * 24cms	1
2.b.10	7 mm * 26cms	1
2.b.11	7 mm * 28cms	1
2.b.12	7 mm * 30cms	1
2.b.13	8 mm * 20cms	1
2.b.14	8 mm * 22cms	1
2.b.15	8 mm * 24cms	1
2.b.16	8 mm * 26cms	1
2.b.17	8 mm * 28cms	1
2.b.18	8 mm * 30cms	
2.c	3.9 mm IL bolts	1
2.c.1	20 mm	1
2.c.2	22 mm	1
2.c.3	24 mm	1
2.c.4	26 mm	1
2.c.5	28 mm	1
2.c.6	30 mm	1
2.c.7	32 mm	1
2.c.8	34 mm	1
2.c.9	36 mm	1
2.c.10	38 mm	1
2.c.11	40 mm	1
2.c.12	42 mm	1
2.c.13	43 mm	1
2.c.14	44 mm	1
2.c.15	50 mm	1
2.c.16	55 mm	1
2.c.17	60 mm	
3	Distal humerus plating system with instrumentation	
3.a	Extra articular distal humerus locking plate with 3.5mm cortical and 3.5mm locking screws system	
		1
3.a.1.1	5 hole (L)	1
3.a.1.2	5 hole (R)	1
3.a.2.1	6 hole (L)	1
3.a.2.2	6 hole (R)	1
3.a.3.1	7 hole (L)	1
3.a.3.2	7 hole (R)	1
3.a.4.1	8 hole (L)	1
3.a.4.2	8 hole (R)	1
3.a.5.1	9 hole (L)	1
3.a.5.2	9 hole (R)	1
3.a.6.1	10 hole (L)	1

3.a.6.2	10 hole (R)	1
3.a.7.1	11 hole (L)	1
3.a.7.2	11 hole (R)	1
3.a.8.1	12 hole (L)	1
3.a.8.2	12 hole (R)	1
3.b	3.5 mm medial column distal humerus locking plate with 3.5 mm cortical screws and 3.5mm locking screws and 2.7mm locking screws system	
3.b.1.1	3 hole (L)	1
3.b.1.2	3 hole (R)	1
3.b.2.1	4 hole (L)	1
3.b.2.2	4 hole (R)	1
3.b.3.1	5 hole (L)	1
3.b.3.2	5 hole (R)	1
3.b.4.1	6 hole (L)	1
3.b.4.2	6 hole (R)	1
3.b.5.1	7 hole (L)	1
3.b.5.2	7 hole (R)	1
3.c	3.5mm posterolateral column distal humerus locking plate with 3.5mm cortical screws and 3.5mm locking screws and 2.7mm locking screw system	
3.c.1.1	3 hole (L) (with support)	1
3.c.1.2	3 hole (R) (with support)	1
3.c.2.1	4 hole (L) (with support)	1
3.c.2.2	4 hole (R) (with support)	1
3.c.3.1	5 hole (L) (with support)	1
3.c.3.2	5 hole (R) (with support)	1
3.c.4.1	6 hole (L) (with support)	1
3.c.4.2	6 hole (R) (with support)	1
3.c.5.1	7 hole (L) (with support)	1
3.c.5.2	7 hole (R) (with support)	1
3.c.6.1	3 hole (L) (without support)	1
3.c.6.2	3 hole (R) (without support)	1
3.c.7.1	4 hole (L) (without support)	1
3.c.7.2	4 hole (R) (without support)	1
3.c.8.1	5 hole (L) (without support)	1
3.c.8.2	5 hole (R) (without support)	1
3.c.9.1	6 hole (L) (without support)	1
3.c.9.2	6 hole (R) (without support)	1
3.c.10.1	7 hole (L) (without support)	1
3.c.10.2	7 hole (R) (without support)	1
4	Olecranon	
4.a	3.5mm anatomical VA olecranon locking hook plates with 3.5mm cortical screws and 3.5 locking and 3.5mm cancellous locking screw system with instrumentation	
4.a.1	3 hole (L)	1
4.a.2	3 hole (R)	1
4.a.3	4 hole (L)	1

4.a.4	4 hole (R)	1
4.a.5	5 hole (L)	1
4.a.6	5 hole (R)	1
4.a.7	6 hole (L)	1
4.a.8	6 hole (R)	1
4.a.9	7 hole (L)	1
4.a.10	7 hole (R)	1
4.a.11	8 hole (L)	1
4.a.12	8 hole (R)	1
5	Radial head	
5.a	2.7 mm Radial head rim locking plate system with 2.7mm cortical and 2.7mm locking screw system with instrumentation	
5.a.1	2 Hole	1
5.a.2	3 Hole	1
5.a.3	4 Hole	1
5.b	2.7 Radial head neck locking plate system with 2.7mm cortical and 2.7mm locking screw system with instrumentation	
5.b.1	2 Hole	1
5.b.2	3 Hole	1
5.b.3	4 Hole	1
5.c	Radial head replacement prosthesis with trials and instrumentation system	1
6	Distal radius	
6.a	3.5mm Ellis Locking plate system with 3.5mm cortical and 3.5 mm locking screws with instrumentation	
6.a.1	3 Hole	1
6.a.2	4 Hole	1
6.a.3	5 Hole	1
6.a.4	6 Hole	1
6.a.5	7 Hole	1
6.a.6	8 Hole	1
6.a.7.1	3 hole oblique	
6.a.7.1.1	Left	1
6.a.7.1.2	Right	1
6.a.8.1	4 hole oblique	
6.a.8.1.1	Left	1
6.a.8.1.2	Right	1
6.a.9.1	5 hole oblique	
6.a.9.1.1	Left	1
6.a.9.1.2	Right	1
6.a.10.1	6 hole oblique	
6.a.10.1.1	Left	1
6.a.10.1.2	Right	1
6.a.11.1	7 hole oblique	
6.a.11.1.1	Left	1
6.a.11.1.2	Right	1
6.a.12.1	8 hole oblique	

6.a.12.1.1	Left	1
6.a.12.1.2	Right	1
6.b	3.5 mm Distal radius Volar locking plates system with 3.5mm cortical and 3.5mm locking and 2.7mm locking screws system with instrumentation	
6.b.1.1	3 Hole L	1
6.b.1.2	3 Hole R	1
6.b.2.1	4 Hole L	1
6.b.2.2	4 Hole R	1
6.b.3.1	5 Hole L	1
6.b.3.2	5 Hole R	1
6.b.4.1	6 Hole L	1
6.b.4.2	6 Hole R	1
6.c	2.7 mm distal radius extra articular locking plate system VA with 2.7mm cortical and 2.7mm locking screws system with instrumentation	
6.c.1.1	3 Hole L	1
6.c.1.2	3 Hole R	1
6.c.2.1	4 Hole L	1
6.c.2.2	4 Hole R	1
6.c.3.1	5 Hole L	1
6.c.3.2	5 Hole R	1
6.d	Distal radius dorsal locking plate system with 2.7 mm cortical and 2.7 mm locking screws system with instrumentation	
6.d.1.1	3 Hole L	1
6.d.1.2	3 Hole R	1
6.d.2.1	4 Hole L	1
6.d.2.2	4 Hole R	1
7	Herbert screw complete system with 3.5mm and 3mm and 2.4mm diameter screws with complete instrument system	
7.1	2.4mm Herbert screw	
7.1.1	11 MM	1
7.1.2	12 MM	1
7.1.3	14 MM	1
7.1.4	16 MM	1
7.1.5	18 MM	1
7.1.6	20 MM	1
7.1.7	22 MM	1
7.1.8	24 MM	1
7.1.9	26 MM	1
7.1.10	28 MM	1
7.1.11	30 MM	1
7.1.12	32 MM	1
7.1.13	34 MM	1
7.1.14	36 MM	1
7.1.15	38 MM	1
7.1.16	40 MM	1
7.1.17	42 MM	1

7.1.18	44 MM	1
7.2	3 mm Herbert screw	
7.2.1	11 MM	1
7.2.2	12 MM	1
7.2.3	14 MM	1
7.2.4	16 MM	1
7.2.5	18 MM	1
7.2.6	20 MM	1
7.2.7	22 MM	1
7.2.8	24 MM	1
7.2.9	26 MM	1
7.2.10	28 MM	1
7.2.11	30 MM	1
7.2.12	32 MM	1
7.2.13	34 MM	1
7.2.14	36 MM	1
7.2.15	38 MM	1
7.2.16	40 MM	1
7.2.17	42 MM	1
7.2.18	44 MM	1
7.3	3.5 mm Herbert screw	
7.3.1	11 MM	1
7.3.2	12 MM	1
7.3.3	14 MM	1
7.3.4	16 MM	1
7.3.5	18 MM	1
7.3.6	20 MM	1
7.3.7	22 MM	1
7.3.8	24 MM	1
7.3.9	26 MM	1
7.3.10	28 MM	1
7.3.11	30 MM	1
7.3.12	32 MM	1
7.3.13	34 MM	1
7.3.14	36 MM	1
7.3.15	38 MM	1
7.3.16	40 MM	1
7.3.17	42 MM	1
7.3.18	44 MM	1
8	Minifragment plates with mini fragment screws complete set with instrumentation	1


 (Dr. Rupa Naik)
 Director of Health Services

ANNEXURE B

Lower Limb (CASE TO CASE BASED) (Price of screws to be quoted in Annexure D)

Sr. No.	Name of Items	Qty.
1	HIP	
1.a.	Proximal femur nailing PFN nail set (130deg) with complete instrumentation and nails short and long and proximal hip screws and interlocking bolts	
1.a.1	Short	
1.a.1.1	250 * 9	1
1.a.1.2	250 * 10	1
1.a.1.3	250 * 11	1
1.a.1.4	250 * 12	1
1.a.2	Long (340 to 440* 9, 10, 11, 12 L and R)	
1.a.2.1	340 mm * 9	1
1.a.2.1.1	Left	1
1.a.2.1.2	Right	
1.a.2.2	360 mm * 9	1
1.a.2.2.1	Left	1
1.a.2.2.2	Right	
1.a.2.3	380 mm * 9	1
1.a.2.3.1	Left	1
1.a.2.3.2	Right	
1.a.2.4	400 mm * 9	1
1.a.2.4.1	Left	1
1.a.2.4.2	Right	
1.a.2.5	420 mm * 9	1
1.a.2.5.1	Left	1
1.a.2.5.2	Right	
1.a.2.6	440 mm * 9	1
1.a.2.6.1	Left	1
1.a.2.6.2	Right	
1.a.2.7	340 mm * 10	1
1.a.2.7.1	Left	1
1.a.2.7.2	Right	
1.a.2.8	360 mm * 10	1
1.a.2.8.1	Left	1
1.a.2.8.2	Right	
1.a.2.9	380 mm * 10	1
1.a.2.9.1	Left	1
1.a.2.9.2	Right	
1.a.2.10	400 mm * 10	1
1.a.2.10.1	Left	1
1.a.2.10.2	Right	
1.a.2.11	420 mm * 10	1
1.a.2.11.1	Left	

1.a.2.11.2	Right	1
1.a.2.12	440 mm * 10	1
1.a.2.12.1	Left	1
1.a.2.12.2	Right	
1.a.2.13	340 mm * 11	1
1.a.2.13.1	Left	1
1.a.2.13.2	Right	
1.a.2.14	360 mm * 11	1
1.a.2.14.1	Left	1
1.a.2.14.2	Right	
1.a.2.15	380 mm * 11	1
1.a.2.15.1	Left	1
1.a.2.15.2	Right	
1.a.2.16	400 mm * 11	1
1.a.2.16.1	Left	1
1.a.2.16.2	Right	
1.a.2.17	420 mm * 11	1
1.a.2.17.1	Left	1
1.a.2.17.2	Right	
1.a.2.18	440 mm * 11	1
1.a.2.18.1	Left	1
1.a.2.18.2	Right	
1.a.2.19	340 mm * 12	1
1.a.2.19.1	Left	1
1.a.2.19.2	Right	
1.a.2.20	360 mm * 12	1
1.a.2.20.1	Left	1
1.a.2.20.2	Right	
1.a.2.21	380 mm * 12	1
1.a.2.21.1	Left	1
1.a.2.21.2	Right	
1.a.2.22	400 mm * 12	1
1.a.2.22.1	Left	1
1.a.2.22.2	Right	
1.a.2.23	420 mm * 12	1
1.a.2.23.1	Left	1
1.a.2.23.2	Right	
1.a.2.24	440 mm * 12	1
1.a.2.24.1	Left	1
1.a.2.24.2	Right	
1.a.3	8 mm and 6.4 mm hip screws (65 mm to 115 mm)	
1.a.3.1	8 mm hip screws	1
1.a.3.1.1	65 mm	1
1.a.3.1.2	70 mm	1
1.a.3.1.3	75 mm	1
1.a.3.1.4	80 mm	1
1.a.3.1.5	85 mm	1

1.a.3.1.6	90 mm	1
1.a.3.1.7	95 mm	1
1.a.3.1.8	100 mm	1
1.a.3.1.9	105 mm	1
1.a.3.1.10	110 mm	1
1.a.3.1.11	115 mm	1
1.a.3.2	6.4 mm hip screws	1
1.a.3.2.1	65 mm	1
1.a.3.2.2	70 mm	1
1.a.3.2.3	75 mm	1
1.a.3.2.4	80 mm	1
1.a.3.2.5	85 mm	1
1.a.3.2.6	90 mm	1
1.a.3.2.7	95 mm	1
1.a.3.2.8	100 mm	1
1.a.3.2.9	105 mm	1
1.a.3.2.10	110 mm	1
1.a.3.2.11	115 mm	1
1.a.3.3	4.9 Interlocking bolts (28 to 40mm)	1
1.a.3.3.1	28 mm	1
1.a.3.3.2	30 mm	1
1.a.3.3.3	32 mm	1
1.a.3.3.4	34 mm	1
1.a.3.3.5	36 mm	1
1.a.3.3.6	38 mm	1
1.a.3.3.7	40 mm	1
1.b.1	135* Long PFN Nail (L & R) (340 to 440* 9,10,11,12 L and R)	
1.b.1.1	340 mm * 9	1
1.b.1.1.1	Left	1
1.b.1.1.2	Right	
1.b.1.2	360 mm * 9	1
1.b.1.2.1	Left	1
1.b.1.2.2	Right	
1.b.1.3	380 mm * 9	1
1.b.1.3.1	Left	1
1.b.1.3.2	Right	
1.b.1.4	400 mm * 9	1
1.b.1.4.1	Left	1
1.b.1.4.2	Right	
1.b.1.5	420 mm * 9	1
1.b.1.5.1	Left	1
1.b.1.5.2	Right	
1.b.1.6	440 mm * 9	1
1.b.1.6.1	Left	1
1.b.1.6.2	Right	
1.b.1.7	340 mm * 10	1
1.b.1.7.1	Left	

1.b.1.7.2	Right	1
1.b.1.8	360 mm * 10	1
1.b.1.8.1	Left	1
1.b.1.8.2	Right	
1.b.1.9	380 mm * 10	1
1.b.1.9.1	Left	1
1.b.1.9.2	Right	
1.b.1.10	400 mm * 10	1
1.b.1.10.1	Left	1
1.b.1.10.2	Right	
1.b.1.11	420 mm * 10	1
1.b.1.11.1	Left	1
1.b.1.11.2	Right	
1.b.1.12	440 mm * 10	1
1.b.1.12.1	Left	1
1.b.1.12.2	Right	
1.b.1.13	340 mm * 11	1
1.b.1.13.1	Left	1
1.b.1.13.2	Right	
1.b.1.14	360 mm * 11	1
1.b.1.14.1	Left	1
1.b.1.14.2	Right	
1.b.1.15	380 mm * 11	1
1.b.1.15.1	Left	1
1.b.1.15.2	Right	
1.b.1.16	400 mm * 11	1
1.b.1.16.1	Left	1
1.b.1.16.2	Right	
1.b.1.17	420 mm * 11	1
1.b.1.17.1	Left	1
1.b.1.17.2	Right	
1.b.1.18	440 mm * 11	1
1.b.1.18.1	Left	1
1.b.1.18.2	Right	
1.b.1.19	340 mm * 12	1
1.b.1.19.1	Left	1
1.b.1.19.2	Right	
1.b.1.20	360 mm * 12	1
1.b.1.20.1	Left	1
1.b.1.20.2	Right	
1.b.1.21	380 mm * 12	1
1.b.1.21.1	Left	1
1.b.1.21.2	Right	
1.b.1.22	400 mm * 12	1
1.b.1.22.1	Left	1
1.b.1.22.2	Right	
1.b.1.23	420 mm * 12	

1.b.1.23.1	Left	1
1.b.1.23.2	Right	1
1.b.1.24	440 mm * 12	1
1.b.1.24.1	Left	1
1.b.1.24.2	Right	
1.c	PFN-A2 130 deg nails set with complete instrumentation with nails and helical blade and interlocking bolts	
1.c.1	Nails	1
1.c.1.1	240 * 9	1
1.c.1.2	240 * 10	1
1.c.1.3	240 * 11	1
1.c.1.4	240 * 12	1
1.c.1.5	170 * 9	1
1.c.1.6	170 * 10	1
1.c.1.7	170 * 11	1
1.c.1.8	170 * 12	
1.c.2	helical blade (70 mm to 105 mm)	1
1.c.2.1	70 mm	1
1.c.2.2	75 mm	1
1.c.2.3	80 mm	1
1.c.2.4	85 mm	1
1.c.2.5	90 mm	1
1.c.2.6	95 mm	1
1.c.2.7	100 mm	1
1.c.2.8	105 mm	
1.c.3	4.9 bolts (28 to 40mm)	1
1.c.3.1	28 mm	1
1.c.3.2	30 mm	1
1.c.3.3	32 mm	1
1.c.3.4	34 mm	1
1.c.3.5	36 mm	1
1.c.3.6	38 mm	1
1.c.3.7	40 mm	
1.d	Dynamic HIP screw system complete set with Richards screw and top screw and Barrel plate and 4.5mm cortical screws	
1.d.1	130 deg	
1.d.1.1	3 hole barrel	1
1.d.1.1.1	long	1
1.d.1.1.2	short	
1.d.1.2	4 hole barrel	1
1.d.1.2.1	long	1
1.d.1.2.2	short	
1.d.1.3	5 hole barrel	1
1.d.1.3.1	long	1
1.d.1.3.2	short	
1.d.1.4	6 hole barrel	1
1.d.1.4.1	long	

1.d.1.4.2	short	1
1.d.2	135 deg	
1.d.2.1	3 hole barrel	1
1.d.2.1.1	long	1
1.d.2.1.2	short	
1.d.2.2	4 hole barrel	1
1.d.2.2.1	long	1
1.d.2.2.2	short	
1.d.2.3	5 hole barrel	1
1.d.2.3.1	long	1
1.d.2.3.2	short	
1.d.2.4	6 hole barrel	1
1.d.2.4.1	long	1
1.d.2.4.2	short	
1.d.3	Richards screw with top screw (70 mm to 110 mm)	1
1.d.3.1	70 mm	1
1.d.3.2	75 mm	1
1.d.3.3	80 mm	1
1.d.3.4	85 mm	1
1.d.3.5	90 mm	1
1.d.3.6	95 mm	1
1.d.3.7	100 mm	1
1.d.3.8	105 mm	1
1.d.3.9	110 mm	
1.e	Trocanteric support plate for PFN / PFN A2 set with 4.5mm cortical screws (2 hole to 4 hole L and R)	
1.e.1	2 hole	1
1.e.1.1	Left	1
1.e.1.2	Right	
1.e.2	3 hole	1
1.e.2.1	Left	1
1.e.2.2	Right	
1.e.3	4 hole	1
1.e.3.1	Left	1
1.e.3.2	Right	
1.f	Paediatric Dynamic HIP screw system complete set with Richards screw and top screw and barrel plate and 4.5 mm cortical screws	
1.f.1	130 deg	
1.f.1.1	3 hole barrel	1
1.f.1.1.1	long	1
1.f.1.1.2	short	
1.f.1.2	4 hole barrel	1
1.f.1.2.1	long	1
1.f.1.2.2	short	
1.f.1.3	5 hole barrel	1
1.f.1.3.1	long	

1.f.1.3.2	short	1
1.f.1.4	6 hole barrel	1
1.f.1.4.1	long	1
1.f.1.4.2	short	
1.f.2	135 deg	
1.f.2.1	3 hole barrel	1
1.f.2.1.1	long	1
1.f.2.1.2	short	
1.f.2.2	4 hole barrel	1
1.f.2.2.1	long	1
1.f.2.2.2	short	
1.f.2.3	5 hole barrel	1
1.f.2.3.1	long	1
1.f.2.3.2	short	
1.f.2.4	6 hole barrel	1
1.f.2.4.1	long	1
1.f.2.4.2	short	
2	Femur	
2.a	Femur interlocking nail with distal jig complete instrument set with nails and 4.9mm IL bolts (including long guidewires)	
2.a.1	Nails (340 mm to 440 mm * 9 to 12 dia)	1
2.a.1.1	340 mm x 9	1
2.a.1.2	360 mm x 9	1
2.a.1.3	380 mm x 9	1
2.a.1.4	400 mm x 9	1
2.a.1.5	420 mm x 9	1
2.a.1.6	440 mm x 9	1
2.a.1.7	340 mm x 10	1
2.a.1.8	360 mm x 10	1
2.a.1.9	380 mm x 10	1
2.a.1.10	400 mm x 10	1
2.a.1.11	420 mm x 10	1
2.a.1.12	440 mm x 10	1
2.a.1.13	340 mm x 11	1
2.a.1.14	360 mm x 11	1
2.a.1.15	380 mm x 11	1
2.a.1.16	400 mm x 11	1
2.a.1.17	420 mm x 11	1
2.a.1.18	440 mm x 11	1
2.a.1.19	340 mm x 12	1
2.a.1.20	360 mm x 12	1
2.a.1.21	380 mm x 12	1
2.a.1.22	400 mm x 12	1
2.a.1.23	420 mm x 12	1
2.a.1.24	440 mm x 12	
2.a.2	Bolts 4.9mm (30mm to 65mm)	1
2.a.2.1	30 mm	

2.a.2.2	35 mm	1
2.a.2.3	40 mm	1
2.a.2.4	45 mm	1
2.a.2.5	50 mm	1
2.a.2.6	55 mm	1
2.a.2.7	60 mm	1
2.a.2.8	65 mm	1
2.b	Cyrus nail for Femur/ AFN complete set with nails and jig and IL bolts with complete instrumentation	
2.b.1	(340 to 440 * 9 to 12 L and R)	
2.b.1.1	340 mm x 9	1
2.b.1.1.1	Left	1
2.b.1.1.2	Right	
2.b.1.2	360 mm x 9	1
2.b.1.2.1	Left	1
2.b.1.2.2	Right	
2.b.1.3	380 mm x 9	1
2.b.1.3.1	Left	1
2.b.1.3.2	Right	
2.b.1.4	400 mm x 9	1
2.b.1.4.1	Left	1
2.b.1.4.2	Right	
2.b.1.5	420 mm x 9	1
2.b.1.5.1	Left	1
2.b.1.5.2	Right	
2.b.1.6	440 mm x 9	1
2.b.1.6.1	Left	1
2.b.1.6.2	Right	
2.b.1.7	340 mm x 10	1
2.b.1.7.1	Left	1
2.b.1.7.2	Right	
2.b.1.8	360 mm x 10	1
2.b.1.8.1	Left	1
2.b.1.8.2	Right	
2.b.1.9	380 mm x 10	1
2.b.1.9.1	Left	1
2.b.1.9.2	Right	
2.b.1.10	400 mm x 10	1
2.b.1.10.1	Left	1
2.b.1.10.2	Right	
2.b.1.11	420 mm x 10	1
2.b.1.11.1	Left	1
2.b.1.11.2	Right	
2.b.1.12	440 mm x 10	1
2.b.1.12.1	Left	1
2.b.1.12.2	Right	
2.b.1.13	340 mm x 11	

2.b.1.13.1	Left	1
2.b.1.13.2	Right	1
2.b.1.14	360 mm x 11	1
2.b.1.14.1	Left	1
2.b.1.14.2	Right	
2.b.1.15	380 mm x 11	1
2.b.1.15.1	Left	1
2.b.1.15.2	Right	
2.b.1.16	400 mm x 11	1
2.b.1.16.1	Left	1
2.b.1.16.2	Right	
2.b.1.17	420 mm x 11	1
2.b.1.17.1	Left	1
2.b.1.17.2	Right	
2.b.1.18	440 mm x 11	1
2.b.1.18.1	Left	1
2.b.1.18.2	Right	
2.b.1.19	340 mm x 12	1
2.b.1.19.1	Left	1
2.b.1.19.2	Right	
2.b.1.20	360 mm x 12	1
2.b.1.20.1	Left	1
2.b.1.20.2	Right	
2.b.1.21	380 mm x 12	1
2.b.1.21.1	Left	1
2.b.1.21.2	Right	
2.b.1.22	400 mm x 12	1
2.b.1.22.1	Left	1
2.b.1.22.2	Right	
2.b.1.23	420 mm x 12	1
2.b.1.23.1	Left	1
2.b.1.23.2	Right	
2.b.1.24	440 mm x 12	1
2.b.1.24.1	Left	1
2.b.1.24.2	Right	
2.c	IMSC nail (DFN) complete nail set with jig and instrumentation and 4.9 mm IL bolts (including guide wire)	
2.c.1	Nails (250mm to 350mm L and R)	
2.c.1.1	250 mm * 9	1
2.c.1.1.1	Left	1
2.c.1.1.2	Right	
2.c.1.2	300 mm * 9	1
2.c.1.2.1	Left	1
2.c.1.2.2	Right	
2.c.1.3	350 mm * 9	1
2.c.1.3.1	Left	1
2.c.1.2.2	Right	

2.c.1.4	250 mm * 10	1
2.c.1.4.1	Left	1
2.c.1.2.2	Right	
2.c.1.5	300 mm * 10	1
2.c.1.5.1	Left	1
2.c.1.2.2	Right	
2.c.1.6	350 mm * 10	1
2.c.1.6.1	Left	1
2.c.1.2.2	Right	
2.c.1.7	250 mm * 11	1
2.c.1.7.1	Left	1
2.c.1.2.2	Right	
2.c.1.8	300 mm * 11	1
2.c.1.8.1	Left	1
2.c.1.2.2	Right	
2.c.1.9	350 mm * 11	1
2.c.1.9.1	Left	1
2.c.1.2.2	Right	
2.c.1.10	250 mm * 12	1
2.c.1.10.1	Left	1
2.c.1.2.2	Right	
2.c.1.11	300 mm * 12	1
2.c.1.11.1	Left	1
2.c.1.2.2	Right	
2.c.1.12	350 mm * 12	1
2.c.1.12.1	Left	1
2.c.1.2.2	Right	
2.c.2	4.9 mm bolts (30 mm to 45 mm)	1
2.c.2.1	30 mm	1
2.c.2.2	35 mm	1
2.c.2.3	40 mm	1
2.c.2.4	45 mm	1
2.c.3	5 mm bolts (45 mm to 75 mm)	1
2.c.3.1	45 mm	1
2.c.3.2	50 mm	1
2.c.3.3	55 mm	1
2.c.3.4	60 mm	1
2.c.3.5	65 mm	1
2.c.3.6	70 mm	1
2.c.3.7	75 mm	1
2.d	4.9 mm anatomical Distal femur locking plate LC DCP system with plates and 4.5 cortical screws and 4.9 Locking screws and 4.9 cancellous locking screw system (5hole to 12 hole L and R)	
2.d.1	5 hole	1
2.d.1.1	Left	1
2.d.1.2	Right	
2.d.2	6 hole	

2.d.2.1	Left	1
2.d.1.2	Right	1
2.d.3	7 hole	
2.d.3.1	Left	1
2.d.3.2	Right	1
2.d.4	8 hole	
2.d.4.1	Left	1
2.d.4.2	Right	1
2.d.5	9 hole	
2.d.5.1	Left	1
2.d.5.2	Right	1
2.d.6	10 hole	
2.d.6.1	Left	1
2.d.6.2	Right	1
2.d.7	11 hole	
2.d.7.1	Left	1
2.d.7.2	Right	1
2.d.8	12 hole	
2.d.8.1	Left	1
2.d.8.2	Right	1
2.e	4.9 mm anatomical Anteromedial distal femur locking plate LC DCP system with plates and 4.5 mm cortical screws and 4.9 mm locking screw and 4.9 mm cancellous locking screw system (2 to 8 hole L and R)	
2.e.1	2 hole	
2.e.1.1	Left	1
2.e.1.2	Right	1
2.e.2	3 hole	
2.e.2.1	Left	1
2.e.2.2	Right	1
2.e.3	4 hole	
2.e.3.1	Left	1
2.e.3.2	Right	1
2.e.4	5 hole	
2.e.4.1	Left	1
2.e.4.2	Right	1
2.e.5	6 hole	
2.e.5.1	Left	1
2.e.5.2	Right	1
2.e.6	7 hole	
2.e.6.1	Left	1
2.e.6.2	Right	1
2.e.7	8 hole	
2.e.7.1	Left	1
2.e.7.2	Right	1
3	Tibia	
3.a	Tibia interlocking nailing complete set with nails and IL bolts	

	and complete instrumentation system	
3.a.1	Nails (275 to 375 mm * 8, 9, 10, 11)	
3.a.1.1	275 mm * 8	1
3.a.1.2	285 mm * 8	1
3.a.1.3	300 mm * 8	1
3.a.1.4	315 mm * 8	1
3.a.1.5	330 mm * 8	1
3.a.1.6	345 mm * 8	1
3.a.1.7	360 mm * 8	1
3.a.1.8	375 mm * 8	1
3.a.1.9	275 mm * 9	1
3.a.1.10	285 mm * 9	1
3.a.1.11	300 mm * 9	1
3.a.1.12	315 mm * 9	1
3.a.1.13	330 mm * 9	1
3.a.1.14	345 mm * 9	1
3.a.1.15	360 mm * 9	1
3.a.1.16	375 mm * 9	1
3.a.1.17	275 mm * 10	1
3.a.1.18	285 mm * 10	1
3.a.1.19	300 mm * 10	1
3.a.1.20	315 mm * 10	1
3.a.1.21	330 mm * 10	1
3.a.1.22	345 mm * 10	1
3.a.1.23	360 mm * 10	1
3.a.1.24	375 mm * 10	1
3.a.1.25	275 mm * 11	1
3.a.1.26	285 mm * 11	1
3.a.1.27	300 mm * 11	1
3.a.1.28	315 mm * 11	1
3.a.1.29	330 mm * 11	1
3.a.1.30	345 mm * 11	1
3.a.1.31	360 mm * 11	1
3.a.1.32	375 mm * 11	1
3.a.2	IL bolts (3.9mm 20 to 50)	
3.a.2.1	20	1
3.a.2.2	22	1
3.a.2.3	24	1
3.a.2.4	26	1
3.a.2.5	28	1
3.a.2.6	30	1
3.a.2.7	32	1
3.a.2.8	34	1
3.a.2.9	36	1
3.a.2.10	38	1
3.a.2.11	40	1
3.a.2.12	42	1

3.a.2.13	44	1
3.a.2.14	46	1
3.a.2.15	48	1
3.a.2.16	50	1
3.a.3	(4.9 mm 20 to 50)	
3.a.3.1	20	1
3.a.3.2	22	1
3.a.3.3	24	1
3.a.3.4	26	1
3.a.3.5	28	1
3.a.3.6	30	1
3.a.3.7	32	1
3.a.3.8	34	1
3.a.3.9	36	1
3.a.3.10	38	1
3.a.3.11	40	1
3.a.3.12	42	1
3.a.3.13	44	1
3.a.3.14	46	1
3.a.3.15	48	1
3.a.3.16	50	1
3.b	Expert/ Multifunction Tibia nail with jig for suprapatellar approach complete set with nails and bolts and complete instrument system	
3.b.1	Nails (280 mm to 380 mm * 9, 10, 11)	
3.b.1.1	280 mm * 9	1
3.b.1.2	280 mm * 10	1
3.b.1.3	280 mm * 11	1
3.b.1.4	300 mm * 9	1
3.b.1.5	300 mm * 10	1
3.b.1.6	300 mm * 11	1
3.b.1.7	320 mm * 9	1
3.b.1.8	320 mm * 10	1
3.b.1.9	320 mm * 11	1
3.b.1.10	340 mm * 9	1
3.b.1.11	340 mm * 10	1
3.b.1.12	340 mm * 11	1
3.b.1.13	360 mm * 9	1
3.b.1.14	360 mm * 10	1
3.b.1.15	360 mm * 11	1
3.b.16.1	380 mm * 9	1
3.b.17.1	380 mm * 10	1
3.b.18.1	380 mm * 11	1
3.b.2	IL bolts (4.9 mm 20 to 50)	
3.b.2.1	20	1
3.b.2.2	22	1
3.b.2.3	24	1

3.b.2.4	26	1
3.b.2.5	28	1
3.b.2.6	30	1
3.b.2.7	32	1
3.b.2.8	34	1
3.b.2.9	36	1
3.b.2.10	38	1
3.b.2.11	40	1
3.b.2.12	42	1
3.b.2.13	44	1
3.b.2.14	46	1
3.b.2.15	48	1
3.b.2.16	50	1
3.b.3	(5 mm 30 to 60)	
3.b.3.1	30	1
3.b.3.2	32	1
3.b.3.3	34	1
3.b.3.4	36	1
3.b.3.5	38	1
3.b.3.6	40	1
3.b.3.7	42	1
3.b.3.8	44	1
3.b.3.9	46	1
3.b.3.10	48	1
3.b.3.11	50	1
3.b.3.12	55	1
3.b.3.13	60	1
3.c	4.5 mm Anatomical High Profile lateral tibia locking plate system (LCP hockey stick)with plates and 4.5 mm cortical screws and 4.9 mm cancellous locking screws and 4.9 mm locking screws with instrumentation (5 hole to 12 hole L and R)	
3.c.1	5 hole	
3.c.1.1	Left	1
3.c.1.2	Right	1
3.c.2	6 hole	
3.c.2.1	Left	1
3.c.2.2	Right	1
3.c.3	7 hole	
3.c.3.1	Left	1
3.c.3.2	Right	1
3.c.4	8 hole	
3.c.4.1	Left	1
3.c.4.2	Right	1
3.c.5	9 hole	
3.c.5.1	Left	1
3.c.5.2	Right	1
3.c.6	10 hole	

3.c.6.1	Left	1
3.c.6.2	Right	1
3.c.7	11 hole	
3.c.7.1	Left	1
3.c.7.2	Right	1
3.c.8	12 hole	
3.c.8.1	Left	1
3.c.8.2	Right	1
3.d	3.5mm low profile anatomical lateral tibia raft plate system with plates and 3.5mm cortical screws and 3.5 cancellous locking screws and 3.5mm locking screws system with instrumentation (5 hole to 11hole L and R)	
3.d.1	5 hole	
3.d.1.1	Left	1
3.d.1.2	Right	1
3.d.2	6 hole	
3.d.2.1	Left	1
3.d.2.2	Right	1
3.d.3	7 hole	
3.d.3.1	Left	1
3.d.3.2	Right	1
3.d.4	8 hole	
3.d.4.1	Left	1
3.d.4.2	Right	1
3.d.5	9 hole	
3.d.5.1	Left	1
3.d.5.2	Right	1
3.d.6	10 hole	
3.d.6.1	Left	1
3.d.6.2	Right	1
3.d.7	11 hole	
3.d.7.1	Left	1
3.d.7.2	Right	1
3.e	3.5 mm anatomical low profile posteromedial proximal tibia locking plate system with plates and 3.5 mm cortical screws and 3.5 mm locking screws and 3.5mm cancellous locking screws system with instrumentation (2 to 8 hole)	
3.e.1	2 hole	1
3.e.2	3 hole	1
3.e.3	4 hole	1
3.e.4	5 hole	1
3.e.5	6 hole	1
3.e.6	7 hole	1
3.e.7	8 hole	1
3.f	3.5 mm anatomical low profile medial proximal tibia locking plate system with plates and 3.5 mm cortical screws and 3.5 mm locking screws and 3.5 mm cancellous locking screws system with instrumentation (4 to 12 hole L and R)	

3.f.1	4 hole	1
3.f.1.1	Left	1
3.f.1.2	Right	
3.f.2	5 hole	1
3.f.2.1	Left	1
3.f.2.2	Right	
3.f.3	6 hole	1
3.f.3.1	Left	1
3.f.3.2	Right	
3.f.4	7 hole	1
3.f.4.1	Left	1
3.f.4.2	Right	
3.f.5	8 hole	1
3.f.5.1	Left	1
3.f.5.2	Right	
3.f.6	9 hole	1
3.f.6.1	Left	1
3.f.6.2	Right	
3.f.7	10 hole	1
3.f.7.1	Left	1
3.f.7.2	Right	
3.f.8	11 hole	1
3.f.8.1	Left	1
3.f.8.2	Right	
3.f.9	12 hole	1
3.f.9.1	Left	1
3.f.9.2	Right	
3.g	3.5 mm anatomical low profile medial distal tibia locking plate system with plates and 3.5 mm cortical screws and 3.5 mm locking screws and 3.5 mm cancellous locking screw system with instrumentation (4 to 12 hole L and R)	
3.g.1	4 hole	1
3.g.1.1	Left	1
3.g.1.2	Right	
3.g.2	5 hole	1
3.g.2.1	Left	1
3.g.2.2	Right	
3.g.3	6 hole	1
3.g.3.1	Left	1
3.g.3.2	Right	
3.g.4	7 hole	1
3.g.4.1	Left	1
3.g.4.2	Right	
3.g.5	8 hole	1
3.g.5.1	Left	1
3.g.5.2	Right	
3.g.6	9 hole	

3.g.6.1	Left	1
3.g.6.2	Right	1
3.g.7	10 hole	1
3.g.7.1	Left	1
3.g.7.2	Right	
3.g.8	11 hole	1
3.g.8.1	Left	1
3.g.8.2	Right	
3.g.9	12 hole	1
3.g.9.1	Left	1
3.g.9.2	Right	
3.h	3.5 mm and 4.5 mm Anatomical medial distal tibia locking plate system with with plates and 4.5 mm cortical screws and 4.9 mm locking screws and 3.5 mm cancellous locking screws system with instrumentation (4 to 12 hole L and R)	
3.h.1	4 hole	1
3.h.1.1	Left	1
3.h.1.2	Right	
3.h.2	5 hole	1
3.h.2.1	Left	1
3.h.2.2	Right	
3.h.3	6 hole	1
3.h.3.1	Left	1
3.h.3.2	Right	
3.h.4	7 hole	1
3.h.4.1	Left	1
3.h.4.2	Right	
3.h.5	8 hole	1
3.h.5.1	Left	1
3.h.5.2	Right	
3.h.6	9 hole	1
3.h.6.1	Left	1
3.h.6.2	Right	
3.h.7	10 hole	1
3.h.7.1	Left	1
3.h.7.2	Right	
3.h.8	11 hole	1
3.h.8.1	Left	1
3.h.8.2	Right	
3.h.9	12 hole	1
3.h.9.1	Left	1
3.h.9.2	Right	
3.i	3.5 mm anterolateral anatomical Distal tibia locking plate system with plates and 3.5 mm cortical screws and 3.5 mm locking screws and 3.5 mm locking cancellous screws system with instrumentation (4 to 12 hole L and R)	
3.i.1	4 hole	1
3.i.1.1	Left	

3.i.1.2	Right	1
3.i.2	5 hole	1
3.i.2.1	Left	1
3.i.2.2	Right	
3.i.3	6 hole	1
3.i.3.1	Left	1
3.i.3.2	Right	
3.i.4	7 hole	1
3.i.4.1	Left	1
3.i.4.2	Right	
3.i.5	8 hole	1
3.i.5.1	Left	1
3.i.5.2	Right	
3.i.6	9 hole	1
3.i.6.1	Left	1
3.i.6.2	Right	
3.i.7	10 hole	1
3.i.7.1	Left	1
3.i.7.2	Right	
3.i.8	11 hole	1
3.i.8.1	Left	1
3.i.8.2	Right	
3.i.9	12 hole	1
3.i.9.1	Left	1
3.i.9.2	Right	
3.j	3.5 mm and 2.7 mm anatomical VA distal fibula locking plate system with 3.5 mm cortical screws and 3.5 mm locking screws and 2.7 mm cancellous locking screws system with instrumentation (4 to 8 hole L and R with/ without support)	
3.j.1.1	4 hole (L) with support	1
3.j.1.2	4 hole (R) with support	1
3.j.2.1	5 hole (L) with support	1
3.j.2.2	5 hole (R) with support	1
3.j.3.1	6 hole (L) with support	1
3.j.3.2	6 hole (R) with support	1
3.j.4.1	7 hole (L) with support	1
3.j.4.2	7 hole (R) with support	1
3.j.5.1	8 hole (L) with support	1
3.j.5.2	8 hole (R) with support	1
3.j.6.1	4 hole (L) without support	1
3.j.6.2	4 hole (R) without support	1
3.j.7.1	5 hole (L) without support	1
3.j.7.2	5 hole (R) without support	1
3.j.8.1	6 hole (L) without support	1
3.j.8.2	6 hole (R) without support	1
3.j.9.1	7 hole (L) without support	1
3.j.9.2	7 hole (R) without support	1

3.j.10.1	8 hole (L) without support	1
3.j.10.2	8 hole (R) without support	1
3.k	Anatomical calcaneum locking plate system with plates and 3.5mm cancellous locking screws with instrumentation	
3.k.1	small	1
3.k.2	medium	1
3.l	Tarsometatarsal fusion plates for Lisfranc system with 2.7 mm cortical screws and 2.7 mm locking screws with instrumentation (2 hole and 4 hole)	
3.l.1	2 hole	1
3.l.2	3 hole	1
3.l.3	4 hole	1
3.m	HTO plate with instrumentation and 4.5 mm cortical and 4.5 mm locking and 4.5 mm cancellous locking screws	
3.m.1	5 hole	1
3.m.2	Block for HTO	1
4	4mm cannulated cancellous screw system complete set with screws and instrumentation	
4.1	fully threaded 14 to 80 mm	
4.1.1	14 mm	1
4.1.2	16 mm	1
4.1.3	18 mm	1
4.1.4	20 mm	1
4.1.5	22 mm	1
4.1.6	24 mm	1
4.1.7	26 mm	1
4.1.8	28 mm	1
4.1.9	30 mm	1
4.1.10	32 mm	1
4.1.11	34 mm	1
4.1.12	36 mm	1
4.1.13	38 mm	1
4.1.14	40 mm	1
4.1.15	42 mm	1
4.1.16	44 mm	1
4.1.17	46 mm	1
4.1.18	48 mm	1
4.1.19	50 mm	1
4.1.20	55 mm	1
4.1.21	60 mm	1
4.1.22	65 mm	1
4.1.23	70 mm	1
4.1.24	75 mm	1
4.1.25	80 mm	
4.2	16 mm thread 14 to 80 mm	
4.2.1	14 mm	1
4.2.2	16 mm	1
4.2.3	18 mm	1

		1
4.2.4	20 mm	1
4.2.5	22 mm	1
4.2.6	24 mm	1
4.2.7	26 mm	1
4.2.8	28 mm	1
4.2.9	30 mm	1
4.2.10	32 mm	1
4.2.11	34 mm	1
4.2.12	36 mm	1
4.2.13	38 mm	1
4.2.14	40 mm	1
4.2.15	42 mm	1
4.2.16	44 mm	1
4.2.17	46 mm	1
4.2.18	48 mm	1
4.2.19	50 mm	1
4.2.20	55 mm	1
4.2.21	60 mm	1
4.2.22	65 mm	1
4.2.23	70 mm	1
4.2.24	75 mm	1
4.2.25	80 mm	1
5	6.5 mm cannulated cancellous screw system complete set with screws and instrumentation	
5.1	16 mm threaded 20 to 90 mm	1
5.1.1	20 mm	1
5.1.2	22 mm	1
5.1.3	24 mm	1
5.1.4	26 mm	1
5.1.5	28 mm	1
5.1.6	30 mm	1
5.1.7	32 mm	1
5.1.8	34 mm	1
5.1.9	36 mm	1
5.1.10	38 mm	1
5.1.11	40 mm	1
5.1.12	42 mm	1
5.1.13	44 mm	1
5.1.14	46 mm	1
5.1.15	48 mm	1
5.1.16	50 mm	1
5.1.17	55 mm	1
5.1.18	60 mm	1
5.1.19	65 mm	1
5.1.20	70 mm	1
5.1.21	75 mm	1
5.1.22	80 mm	1

5.1.23	85 mm	1
5.1.24	90 mm	1
5.2	32 mm threaded 20 to 90 mm	1
5.2.1	20 mm	1
5.2.2	22 mm	1
5.2.3	24 mm	1
5.2.4	26 mm	1
5.2.5	28 mm	1
5.2.6	30 mm	1
5.2.7	32 mm	1
5.2.8	34 mm	1
5.2.9	36 mm	1
5.2.10	38 mm	1
5.2.11	40 mm	1
5.2.12	42 mm	1
5.2.13	44 mm	1
5.2.14	46 mm	1
5.2.15	48 mm	1
5.2.16	50 mm	1
5.2.17	55 mm	1
5.2.18	60 mm	1
5.2.19	65 mm	1
5.2.20	70 mm	1
5.2.21	75 mm	1
5.2.22	80 mm	1
5.2.23	85 mm	1
5.2.24	90 mm	1
5.2.25	washers for 6 mm cc screws	1
5.2.26	washers for 5 mm cc screws	1
6	Elastic nailing system complete set with instrumentation	
6.1	Nails (2.5 mm to 5 mm)	1
6.1.1	2.5 mm	1
6.1.2	3 mm	1
6.1.3	3.5 mm	1
6.1.4	4 mm	1
6.1.5	4.5 mm	1
6.1.6	Entry awl	1
6.1.7	cutter	1
6.1.8	impactor	
7	Hemi replacement arthroplasty (Modular Bipolar prosthesis) with complete instrumentation set and components	
7.1	Femoral stem (HA coated) 8 to 14	1
7.1.1	8	1
7.1.2	9	1
7.1.3	10	1
7.1.4	11	1
7.1.5	12	1

7.1.6	13	1
7.1.7	14	1
7.2	Femoral stem (cemented)	1
7.3	Metal Cup (37 to 51)	1
7.3.1	37	1
7.3.2	38	1
7.3.3	39	1
7.3.4	40	1
7.3.5	41	1
7.3.6	42	1
7.3.7	43	1
7.3.8	44	1
7.3.9	45	1
7.3.10	46	1
7.3.11	47	1
7.3.12	48	1
7.3.13	49	1
7.3.14	50	1
7.3.15	51	
7.4	Femoral head 28 (-3,0,+3,+6)	1
7.4.1	-3	1
7.4.2	0	1
7.4.3	+3	1
7.4.4	+6	
7.5	Femoral head 22(0,+3,+6)	1
7.5.1	0	1
7.5.2	+3	1
7.5.3	+6	
8	Total knee replacement complete instrumentation set with components	1
8.1	Femoral components	1
8.2	Tibial tray	1
8.3	Patella button	1
8.4	Tibial PE insert	
9	Uncemented total hip replacement	1
9.1	Femoral stem HA coated	1
9.2	Acetabular component	1
9.3	Polyethylene liner	1
9.4	Ceramic head/ metal head	1
10	Tibia Talo Calcaneal (TTC) fusion nail system with complete instrumentation and nails and bolts	1
11	Arthroscopic ACL reconstruction set with instruments and Graft master	1
11.1	Adjustable Loop	1
11.2	Screw 8 mm	1
11.3	Screw 9 mm	1
11.4	Screw 10 mm	1

11.5	Bioabsorbable screws 8 mm	1
11.6	Bioabsorbable screws 9 mm	1
11.7	Bioabsorbable screws 10 mm	1
12	Distal Femur valgus correction 4.5 mm locking plates (5 ,10,20 degrees) with 4.5 mm locking non locking cortical , 5 mm locking and non locking cancellous screws	
12.1	5 degrees	
12.1.1	3 Hole	
12.1.1.1	Left	1
12.1.1.2	Right	1
12.1.2	4 Hole	
12.1.2.1	Left	1
12.1.2.2	Right	1
12.2	10 degrees	
12.2.1	3 Hole	
12.2.1.1	Left	1
12.2.1.2	Right	1
12.2.2	4 Hole	
12.2.2.1	Left	1
12.2.2.2	Right	1
12.3	20 degrees	
12.3.1	3 Hole	
12.3.1.1	Left	1
12.3.1.2	Right	1
12.3.2	4 Hole	
12.3.2.1	Left	1
12.3.2.2	Right	1
13	3.5mm pelvic symphyseal plate with instrumentation and 3.5 mm cortical and locking screws	
13.1	4 hole	1
13.2	5 hole	1
13.3	6 hole	1
13.4	3.5 cortical screws 20 to 70mm	
13.4.1	20 mm	1
13.4.2	22 mm	1
13.4.3	24 mm	1
13.4.4	26 mm	1
13.4.5	28 mm	1
13.4.6	30 mm	1
13.4.7	32 mm	1
13.4.8	34 mm	1
13.4.9	36 mm	1
13.4.10	38 mm	1
13.4.11	40 mm	1
13.4.12	42 mm	1
13.4.13	44 mm	1
13.4.14	46 mm	1

13.4.15	48 mm	1
13.4.16	50 mm	1
13.4.17	55 mm	1
13.4.18	60 mm	1
13.4.19	65 mm	1
13.4.20	70 mm	1
14	3.5mm pelvic curved plate with instrumentation and 3.5mm cortical screws system (4 to 16 hole)	
14.1	4 hole	1
14.2	5 hole	1
14.3	6 hole	1
14.4	7 hole	1
14.5	8 hole	1
14.6	9 hole	1
14.7	10 hole	1
14.8	11 hole	1
14.9	12 hole	1
14.10	13 hole	1
14.11	14 hole	1
14.12	15 hole	1
14.13	16 hole	1
15	3.5 mm pelvic suprapectineal plate with 3.5 mm screws and instrumentation (9 to 12 hole)	
15.1	9 hole	1
15.2	10 hole	1
15.3	11 hole	1
15.4	12 hole	1
16	Spine	
16.a	Dorso Lumbar Spine Fixation System	1
16.b	5.5 and 6.5 mm monoaxial and Polyaxialpedicular screw of lenght 30mm to 55mm	
16.b.1	5.5 mm	
16.b.1.1	30 mm	1
16.b.1.2	35 mm	1
16.b.1.3	40 mm	1
16.b.1.4	45 mm	1
16.b.1.5	50 mm	1
16.b.1.6	55 mm	1
16.b.2	6.5 mm	
16.b.2.1	30 mm	1
16.b.2.2	35 mm	1
16.b.2.3	40 mm	1
16.b.1.4	45 mm	1
16.b.2.5	50 mm	1
16.b.2.6	55 mm	1
16.c	connecting rods 50mm to 300mm	
16.c.1	50 mm	1

16.c.2	60 mm	1
16.c.3	70 mm	1
16.c.4	80 mm	1
16.c.5	90 mm	1
16.c.6	100 mm	1
16.c.7	110 mm	1
16.c.8	120 mm	1
16.c.9	130 mm	1
16.c.10	140 mm	1
16.c.11	150 mm	1
16.c.12	160 mm	1
16.c.13	170 mm	1
16.c.14	180 mm	1
16.c.15	190 mm	1
16.c.16	200 mm	1
16.c.17	210 mm	1
16.c.18	220 mm	1
16.c.19	230 mm	1
16.c.20	240 mm	1
16.c.21	250 mm	1
16.c.22	260 mm	1
16.c.23	270 mm	1
16.c.24	280 mm	1
16.c.25	290 mm	1
16.c.26	300 mm	1
16.d	above with instrumentation system	1
16.e	4.5mm screw diameter compabilty with domino connection system	1
16.f	Sos: interbody fixation cage	1


 (Dr. Rupa Naik)
 Director of Health Services

ANNEXURE C

PAEDIATRIC IMPLANTS (CASE TO CASE BASED) (Price of screws to be quoted in Annexure D)

Sr. No.	Name of Items	Qty.
1	E Plate/8 plate	
1.1	Epiphysiodesis Systems – For guided growth system	
1.1.1	8 mm	1
1.1.2	10 mm	1
1.1.3	12 mm	1
1.1.4	14 mm	1
1.1.5	16 mm	1
1.1.6	18 mm	1
1.1.7	20 mm	1
1.1.8	25 mm	1
1.1.9	30 mm	1
1.2	Cannulated Screw Ø 4.5 mm –(Guided Growth System)	
1.2.1	15 mm	1
1.2.2	20 mm	1
1.2.3	25 mm	1
1.2.4	30 mm	1
1.2.5	35 mm	1
2.1	HTO Plate (Medial)	
2.1.1	3 Hole	1
2.1.2	4 Hole	1
2.2	HTO Wedge Plate (Medial)	
2.2.1	4 Hole	1
2.3	Wedge- (To be used With HTO Wedge Plate Medial)	
2.3.1	8 mm	1
2.3.2	10 mm	1
2.3.3	12 mm	1
2.4	Femur (Lateral)	
2.4.1	4 Hole	
2.4.1.1	Left	1
2.4.1.2	Right	1
2.5	Femur (Medial)	
2.5.1	4 Hole	
2.5.1.1	Left	1
2.5.1.2	Right	1
3	Subtalar stent- (For Flat Foot)	
3.1	5 mm	1
3.2	6 mm	1
3.3	7 mm	1
3.4	8 mm	1
3.5	9 mm	1
4	Percutaneous epiphysiodesis transphyseal Screw	
4.1	Ø 4 mm	

4.1.1	15 mm	1
4.1.2	20 mm	1
4.1.3	25 mm	1
4.1.4	30 mm	1
4.1.5	35 mm	1
4.1.6	40 mm	1
4.1.7	45 mm	1
4.1.8	55 mm	1
4.1.9	60 mm	1
4.1.10	65 mm	1
4.1.11	70 mm	1
4.2	Ø 5 mm	
4.2.1	30 mm	1
4.2.2	35 mm	1
4.2.3	40 mm	1
4.2.4	45 mm	1
4.2.5	50 mm	1
4.2.6	55 mm	1
4.2.7	60 mm	1
4.2.8	65 mm	1
4.2.9	70 mm	1
4.3	Ø 6.5 mm	
4.3.1	50 mm	1
4.3.2	55 mm	1
4.3.3	60 mm	1
4.3.4	65 mm	1
4.3.5	70 mm	1
4.3.6	75 mm	1
4.3.7	80 mm	1
4.3.8	85 mm	1
4.3.9	90 mm	1
4.3.10	95 mm	1
4.3.11	100 mm	1
4.4	Ø 7.3 mm	
4.4.1	50 mm	1
4.4.2	55 mm	1
4.4.3	60 mm	1
4.4.4	65 mm	1
4.4.5	70 mm	1
4.4.6	75 mm	1
4.4.7	80 mm	1
4.4.8	85 mm	1
4.4.9	90 mm	1
4.4.10	95 mm	1
4.4.11	100 mm	1
5	3.5 mm Distal femoral extension osteotomy -(DFEO) plate	
5.1	90°	

5.1.1	3 Hole	1
5.1.2	4 Hole	1
5.1.3	5 Hole	1
5.2	95°	
5.2.1	3 Hole	1
5.2.2	4 Hole	1
5.2.3	5 Hole	1
6	3.5 mm and 5 mm proximal femur varus and valgus locking paediatric locking plates with 3.5 mm cortical and cancellous locking and non locking screws, 4.5 mm cortical and cancellous locking and non locking screws	
6.1	3.5 mm proximal femoral osteotomy Plate-(Valgus and Varus Osteotomy) - 110°	
6.1.1	3 Hole	1
6.1.2	5 Hole	1
6.2	3.5 mm proximal femoral osteotomy Plate(Varus Fixation)	
6.2.1	130°	
6.2.1.1	3 Hole	1
6.2.1.2	5 Hole	1
6.2.2	150°	
6.2.2.1	3 Hole	1
6.2.2.2	5 Hole	1
6.3	3.5 mm proximal femoral Plate (Fracture Neck Femur) - 130°	
6.3.1	3 Hole	1
6.3.2	4 Hole	1
6.3.3	5 Hole	1
6.4	3.5 mm proximal femoral osteotomy Plate- 140°	
6.4.1	3 Hole	1
6.4.2	4 Hole	1
6.4.3	5 Hole	1
6.5	5 mm Distal femoral extension osteotomy (DFEO) plate	
6.5.1	90°	
6.5.1.1	3 Hole	1
6.5.1.2	4 Hole	1
6.5.1.3	5 Hole	1
6.5.2	95°	
6.5.2.1	3 Hole	1
6.5.2.2	4 Hole	1
6.5.2.3	5 Hole	1
6.6	5 mm Plate-(Valgus and Varus Osteotomy) - 110°	
6.6.1	3 Hole	1
6.6.2	5 Hole	1
6.7	5 mm proximal femoral osteotomy Plate(Varus Fixation)	
6.7.1	130°	
6.7.1.1	3 Hole	1
6.7.1.2	5 Hole	1
6.7.2	150°	

6.7.2.1	3 Hole	1
6.7.2.2	5 Hole	1
6.8	5 mm proximal femoral osteotomy Plate (Femur Neck Fracture) - 130°	
6.8.1	3 Hole	1
6.8.2	4 Hole	1
6.8.3	5 Hole	1
6.9	5 mm proximal femoral osteotomy Plate- 140°	
6.9.1	3 Hole	1
6.9.2	4 Hole	1
6.9.3	5 Hole	1
7	5 mm lateral femoral valgus corrective osteotomy plate (Open Wedge Osteotomy)	
7.1	5°	
7.1.1	3 Hole	1
7.1.2	4 Hole	1
7.1.3	5 Hole	1
7.2	10°	
7.2.1	3 Hole	1
7.2.2	4 Hole	1
7.2.3	5 Hole	1
7.3	15°	
7.3.1	3 Hole	1
7.3.2	4 Hole	1
7.3.3	5 Hole	1
8	Paediatric DHS Plate	
8.1	95°	
8.1.1	3 Hole	1
8.1.2	4 Hole	1
8.1.3	5 Hole	1
8.1.4	6 Hole	1
8.1.5	7 Hole	1
8.1.6	8 Hole	1
8.1.7	10 Hole	1
8.2	110°	
8.2.1	3 Hole	1
8.2.2	4 Hole	1
8.2.3	5 Hole	1
8.2.4	6 Hole	1
8.2.5	7 Hole	1
8.2.6	8 Hole	1
8.2.7	10 Hole	1
8.3	120°	
8.3.1	3 Hole	1
8.3.2	4 Hole	1
8.3.3	5 Hole	1
8.3.4	6 Hole	1

8.3.5	7 Hole	1
8.3.6	8 Hole	1
8.3.7	10 Hole	1
8.4	125°	
8.4.1	3 Hole	1
8.4.2	4 Hole	1
8.4.3	5 Hole	1
8.4.4	6 Hole	1
8.4.5	7 Hole	1
8.4.6	8 Hole	1
8.4.7	10 Hole	1
8.5	130°	
8.5.1	3 Hole	1
8.5.2	4 Hole	1
8.5.3	5 Hole	1
8.5.4	6 Hole	1
8.5.5	7 Hole	1
8.5.6	8 Hole	1
8.5.7	10 Hole	1
8.6	135°	
8.6.1	3 Hole	1
8.6.2	4 Hole	1
8.6.3	5 Hole	1
8.6.4	6 Hole	1
8.6.5	7 Hole	1
8.6.6	8 Hole	1
8.6.7	10 Hole	1
8.7	140°	
8.7.1	3 Hole	1
8.7.2	4 Hole	1
8.7.3	5 Hole	1
8.7.4	6 Hole	1
8.7.5	7 Hole	1
8.7.6	8 Hole	1
8.7.7	10 Hole	1
8.8	145°	
8.8.1	3 Hole	1
8.8.2	4 Hole	1
8.8.3	5 Hole	1
8.8.4	6 Hole	1
8.8.5	7 Hole	1
8.8.6	8 Hole	1
8.8.7	10 Hole	1
8.9	150°	
8.9.1	3 Hole	1
8.9.2	4 Hole	1
8.9.3	5 Hole	1

8.9.4	6 Hole	1
8.9.5	7 Hole	1
8.9.6	8 Hole	1
8.9.7	10 Hole	1
8.10	DHS screw 9.5 mm diameter (richard screw)	
8.10.1	30 mm	1
8.10.2	35 mm	1
8.10.3	40 mm	1
8.10.4	45 mm	1
8.10.5	50 mm	1
8.10.6	55 mm	1
8.10.7	60 mm	1
8.10.8	65 mm	1
8.10.9	70 mm	1
8.10.10	75 mm	1
8.10.11	80 mm	1
8.10.12	85 mm	1
8.10.13	90 mm	1
8.10.14	95 mm	1
8.10.15	100 mm	1
8.10.16	105 mm	1
8.10.17	110 mm	1
8.11	Angle Blade Plate 3.5 mm -(Varus Osteotomy) displacement distance x blade length x hole	
8.11.1	8 x 25 x 3 Hole	1
8.11.2	8 x 25 x 5 Hole	1
8.11.3	8 x 30 x 3 Hole	1
8.11.4	8 x 30 x 5 Hole	1
8.11.5	8 x 40 x 3 Hole	1
8.11.6	8 x 40 x 5 Hole	1
8.11.7	8 x 45 x 3 Hole	1
8.11.8	8 x 45 x 5 Hole	1
8.12	Angle Blade Plate 5 mm -(Varus Osteotomy) displacement distance x blade length x hole	
8.12.1	10 x 25 x 3 Hole	1
8.12.2	10 x 25 x 5 Hole	1
8.12.3	10 x 30 x 3 Hole	1
8.12.4	10 x 30 x 5 Hole	1
8.12.5	10 x 35 x 3 Hole	1
8.12.6	10 x 35 x 5 Hole	1
8.12.7	10 x 40 x 3 Hole	1
8.12.8	10 x 40 x 5 Hole	1
8.12.9	10 x 45 x 3 Hole	1
8.12.10	10 x 45 x 5 Hole	1
8.13	Angle Blade Plate 5 mm -(Varus Osteotomy) displacement distance x blade length x hole	
8.13.1	12 x 30 x 3 Hole	1

8.13.2	12 x 30 x 5 Hole	1
8.13.3	12 x 35 x 3 Hole	1
8.13.4	12 x 35 x 5 Hole	1
8.13.5	12 x 40 x 3 Hole	1
8.13.6	12 x 40 x 5 Hole	1
8.13.7	12 x 45 x 3 Hole	1
8.13.8	12 x 45 x 5 Hole	1
8.13.9	12 x 50 x 3 Hole	1
8.13.10	12 x 50 x 5 Hole	1
8.14	Angle Blade Plate 3.5 mm – 110°-(Valgus Osteotomy) displacement distance x blade length x hole	
8.14.1	10 x 45 x 3 Hole	1
8.14.2	10 x 45 x 5 Hole	1
8.14.3	10 x 50 x 3 Hole	1
8.14.4	10 x 50 x 5 Hole	1
8.14.5	10 x 60 x 3 Hole	1
8.14.6	10 x 60 x 5 Hole	1
8.14.7	10 x 65 x 3 Hole	1
8.14.8	10 x 65 x 5 Hole	1
8.14.9	10 x 70 x 3 Hole	1
8.14.10	10 x 70 x 5 Hole	1
8.15	Angle Blade Plate 3.5 mm – 130°-(Valgus Osteotomy) displacement distance x blade length x hole	
8.15.1	10 x 45 x 3 Hole	1
8.15.2	10 x 45 x 5 Hole	1
8.15.3	10 x 50 x 3 Hole	1
8.15.4	10 x 50 x 5 Hole	1
8.15.5	10 x 60 x 3 Hole	1
8.15.6	10 x 60 x 5 Hole	1
8.15.7	10 x 65 x 3 Hole	1
8.15.8	10 x 65 x 5 Hole	1
8.15.9	10 x 70 x 3 Hole	1
8.15.10	10 x 70 x 5 Hole	1
8.16	Angle Blade Plate 5 mm – 110°-(Valgus Osteotomy) displacement distance x blade length x hole	
8.16.1	10 x 45 x 3 Hole	1
8.16.2	10 x 45 x 5 Hole	1
8.16.3	10 x 50 x 3 Hole	1
8.16.4	10 x 50 x 5 Hole	1
8.16.5	10 x 60 x 3 Hole	1
8.16.6	10 x 60 x 5 Hole	1
8.16.7	10 x 65 x 3 Hole	1
8.16.8	10 x 65 x 5 Hole	1
8.16.9	10 x 70 x 3 Hole	1
8.16.10	10 x 70 x 5 Hole	1
8.17	Angle Blade Plate 5 mm – 130°-(Valgus Osteotomy) displacement distance x blade length x hole	

8.17.1	10 x 45 x 3 Hole	1
8.17.2	10 x 45 x 5 Hole	1
8.17.3	10 x 55 x 3 Hole	1
8.17.4	10 x 55 x 5 Hole	1
8.17.5	10 x 60 x 3 Hole	1
8.17.6	10 x 60 x 5 Hole	1
8.17.7	10 x 65 x 3 Hole	1
8.17.8	10 x 65 x 5 Hole	1
8.17.9	10 x 70 x 3 Hole	1
8.17.10	10 x 70 x 5 Hole	1
9	Telescopic Nail Female Rod	
9.1	Ø 3 mm	
9.1.1	180 mm	1
9.1.2	200 mm	1
9.1.3	220 mm	1
9.1.4	230 mm	1
9.1.5	240 mm	1
9.1.6	250 mm	1
9.1.7	260 mm	1
9.1.8	270 mm	1
9.1.9	280 mm	1
9.1.10	300 mm	1
9.1.11	350 mm	1
9.2	Ø 5 mm	
9.2.1	200 mm	1
9.2.2	220 mm	1
9.2.3	230 mm	1
9.2.4	240 mm	1
9.2.5	250 mm	1
9.2.6	260 mm	1
9.2.7	270 mm	1
9.2.8	280 mm	1
9.2.9	300 mm	1
9.2.10	350 mm	1
9.2.11	400 mm	1
9.3	Ø 6 mm	
9.3.1	220 mm	1
9.3.2	230 mm	1
9.3.3	240 mm	1
9.3.4	250 mm	1
9.3.5	260 mm	1
9.3.6	270 mm	1
9.3.7	280 mm	1
9.3.8	300 mm	1
9.3.9	350 mm	1
9.3.10	400 mm	1
10	Telescopic Nail Male Rod	

10.1	Ø 2.5 mm x 300 mm	1
10.2	Ø 2.5 mm x 350 mm	1
10.3	Ø 3.5 mm x 400 mm	1
11	Paediatric/ adolescent Lateral Entry Femoral Nail	
11.1	Ø 6 mm (Left)	
11.1.1	220 mm	1
11.1.2	240 mm	1
11.1.3	260 mm	1
11.1.4	280 mm	1
11.1.5	300 mm	1
11.1.6	320 mm	1
11.1.7	340 mm	1
11.1.8	360 mm	1
11.2	Ø 7 mm (Left)	
11.2.1	220 mm	1
11.2.2	240 mm	1
11.2.3	260 mm	1
11.2.4	280 mm	1
11.2.5	300 mm	1
11.2.6	320 mm	1
11.2.7	340 mm	1
11.2.8	360 mm	1
11.3	Ø 8 mm (Left)	
11.3.1	240 mm	1
11.3.2	260 mm	1
11.3.3	280 mm	1
11.3.4	300 mm	1
11.3.5	320 mm	1
11.3.6	340 mm	1
11.3.7	360 mm	1
11.3.8	380 mm	1
11.4	Ø 9 mm (Left)	
11.4.1	240 mm	1
11.4.2	260 mm	1
11.4.3	280 mm	1
11.4.4	300 mm	1
11.4.5	320 mm	1
11.4.6	340 mm	1
11.4.7	360 mm	1
11.4.8	380 mm	1
11.5	Ø 10 mm (Left)	
11.5.1	240 mm	1
11.5.2	260 mm	1
11.5.3	280 mm	1
11.5.4	300 mm	1
11.5.5	320 mm	1
11.5.6	340 mm	1

11.5.7	360 mm	1
11.5.8	380 mm	1
11.6	Ø 6 mm (Right)	
11.6.1	220 mm	1
11.6.2	240 mm	1
11.6.3	260 mm	1
11.6.4	280 mm	1
11.6.5	300 mm	1
11.6.6	320 mm	1
11.6.7	340 mm	1
11.6.8	360 mm	1
11.7	7 mm (Right)	
11.7.1	220 mm	1
11.7.2	240 mm	1
11.7.3	260 mm	1
11.7.4	280 mm	1
11.7.5	300 mm	1
11.7.6	320 mm	1
11.7.7	340 mm	1
11.7.8	360 mm	1
11.8	8 mm (Right)	
11.8.1	240 mm	1
11.8.2	260 mm	1
11.8.3	280 mm	1
11.8.4	300 mm	1
11.8.5	320 mm	1
11.8.6	340 mm	1
11.8.7	360 mm	1
11.8.8	380 mm	1
11.9	Ø 9 mm (Right)	
11.9.1	240 mm	1
11.9.2	260 mm	1
11.9.3	280 mm	1
11.9.4	300 mm	1
11.9.5	320 mm	1
11.9.6	340 mm	1
11.9.7	360 mm	1
11.9.8	380 mm	1
11.10	Ø 10 mm (Right)	
11.10.1	240 mm	1
11.10.2	260 mm	1
11.10.3	280 mm	1
11.10.4	300 mm	1
11.10.5	320 mm	1
11.10.6	340 mm	1
11.10.7	360 mm	1
11.10.8	380 mm	4

12	Nail End Cap for femoral nails	
12.1	5 mm	43
12.2	10 mm	43
12.3	15 mm	43
13	Paediatric/ adolescent Tibia nail	
13.1	Ø 6 mm	
13.1.1	220 mm	1
13.1.2	240 mm	1
13.1.3	260 mm	1
13.1.4	280 mm	1
13.1.5	300 mm	1
13.1.6	320 mm	1
13.2	Ø 7 mm	
13.2.1	240 mm	1
13.2.2	260 mm	1
13.2.3	280 mm	1
13.2.4	300 mm	1
13.2.5	320 mm	1
13.2.6	340 mm	1
13.3	Ø 8 mm	
13.3.1	240 mm	1
13.3.2	260 mm	1
13.3.3	280 mm	1
13.3.4	300 mm	1
13.3.5	320 mm	1
13.3.6	340 mm	1
14	Ø 3.2 mm Distal Locking / Shaft Screw	
14.1	22 mm	1
14.2	24 mm	1
14.3	26 mm	1
14.4	28 mm	1
14.5	30 mm	1
14.6	32 mm	1
14.7	34 mm	1
14.8	36 mm	1
14.9	38 mm	1
14.10	40 mm	1
14.11	45 mm	1
14.12	50 mm	1
14.13	55 mm	1
14.14	60 mm	1
15	Ø 4.9 mm Shaft / Distal / Calcaneal Screw	
15.1	22 mm	1
15.2	24 mm	1
15.3	26 mm	1
15.4	28 mm	1
15.5	30 mm	1

15.6	32 mm	1
15.7	34 mm	1
15.8	36 mm	1
15.9	38 mm	1
15.10	40 mm	1
15.11	45 mm	1
15.12	50 mm	1
15.13	55 mm	1
15.14	60 mm	1
16	Ø 4.5 mm Neck / Distal / Calcar Screw	
16.1	60 mm	1
16.2	65 mm	1
16.3	70 mm	1
16.4	75 mm	1
16.5	80 mm	1
16.6	85 mm	1
16.7	90 mm	1
16.8	95 mm	1
16.9	100 mm	1
17	Ø 6 mm Neck / Distal / Calcar Screw	
17.1	60 mm	1
17.2	65 mm	1
17.3	70 mm	1
17.4	75 mm	1
17.5	80 mm	1
17.6	85 mm	1
17.7	90 mm	1
17.8	95 mm	1
18	fully threaded screw for acetabulum after periacetabular osteotomy	
18.1	35 mm	1
18.2	40 mm	1
18.3	50 mm	1
18.4	55 mm	1
18.5	60 mm	1
18.6	65 mm	1
18.7	70 mm	1
18.8	75 mm	1
18.9	80 mm	1
18.10	85 mm	1
18.11	90 mm	1
18.12	95 mm	1
18.13	100 mm	1
19	Headless Screw	
19.1	Ø 3 mm (Joints Fusion)	
19.1.1	12 mm	1
19.1.2	14 mm	1

19.1.3	16 mm	1
19.1.4	18 mm	1
19.1.5	20 mm	1
19.1.6	22 mm	1
19.1.7	24 mm	1
19.1.8	26 mm	1
19.1.9	28 mm	1
19.1.10	30 mm	1
19.2	Ø 3.5 mm (Joints Fusion)	
19.2.1	12 mm	1
19.2.2	14 mm	1
19.2.3	16 mm	1
19.2.4	18 mm	1
19.2.5	20 mm	1
19.2.6	22 mm	1
19.2.7	24 mm	1
19.2.8	26 mm	1
19.2.9	28 mm	1
19.2.10	30 mm	1
19.2.11	32 mm	1
19.2.12	34 mm	1
19.2.13	36 mm	1
19.2.14	38 mm	1
19.2.15	40 mm	1
19.3	Ø 4 mm (Joints Fusion)	
19.3.1	16 mm	1
19.3.2	18 mm	1
19.3.3	20 mm	1
19.3.4	22 mm	1
19.3.5	24 mm	1
19.3.6	26 mm	1
19.3.7	28 mm	1
19.3.8	30 mm	1
19.3.9	32 mm	1
19.3.10	34 mm	1
19.3.11	36 mm	1
19.3.12	38 mm	1
19.3.13	40 mm	1
19.3.14	42 mm	1
19.3.15	44 mm	1
19.3.16	46 mm	1
19.3.17	48 mm	1
19.3.18	50 mm	1
19.3.19	52 mm	1
19.3.20	54 mm	1
19.3.21	56 mm	1
19.3.22	58 mm	1

19.3.23	60 mm	1
19.4	Ø 5 mm (Joints Fusion)	
19.4.1	20 mm	1
19.4.2	22 mm	1
19.4.3	24 mm	1
19.4.4	26 mm	1
19.4.5	28 mm	1
19.4.6	30 mm	1
19.4.7	32 mm	1
19.4.8	34 mm	1
19.4.9	36 mm	1
19.4.10	38 mm	1
19.4.11	40 mm	1
19.4.12	42 mm	1
19.4.13	44 mm	1
19.4.14	46 mm	1
19.4.15	48 mm	1
19.4.16	50 mm	1
19.4.17	55 mm	1
19.4.18	60 mm	1
19.4.19	65 mm	1
19.4.20	70 mm	1
19.5	Ø 6 mm (Joints Fusion)	
19.5.1	26 mm	1
19.5.2	28 mm	1
19.5.3	30 mm	1
19.5.4	32 mm	1
19.5.5	34 mm	1
19.5.6	36 mm	1
19.5.7	38 mm	1
19.5.8	40 mm	1
19.5.9	42 mm	1
19.5.10	44 mm	1
19.5.11	46 mm	1
19.5.12	48 mm	1
19.5.13	50 mm	1
19.5.14	55 mm	1
19.5.15	60 mm	1
19.5.16	65 mm	1
19.5.17	70 mm	1


 (Dr. Rupa Naik)
 Director of Health Services

ANNEXURE D

Region Wise Implants

Sr. No.	Name of Items	Qty.
1.	3.5mm forearm DCP with 3.5mm cortical screws (4hole to 14hole) (3.5mm cortical screws 14 mm to 28 mm) Refer Sr. No. 26 Note: All implant should be compatible to each other with four complementary boxes with instrumentation	
1.1	4 Hole	60
1.2	5 Hole	40
1.3	6 Hole	440
1.4	7 Hole	440
1.5	8 Hole	120
1.6	9 Hole	50
1.7	10 Hole	40
1.8	11 Hole	20
1.9	12 Hole	10
1.10	13 Hole	20
1.11	14 Hole	20
2.	3.5mm locking forearm DCP with 3.5mm cortical screws and 3.5mm locking screws (4 hole to 14 hole) (3.5mm cortical screws 14to 28mm) Refer Sr. No.26 (3.5mm locking screws 12 to 28mm) Refer Sr. No.26 Note: All implant should be compatible to each other with four complementary boxes with instrumentation	
2.1	4 Hole	60
2.2	5 Hole	40
2.3	6 Hole	110
2.4	7 Hole	110
2.5	8 Hole	50
2.6	9 Hole	50
2.7	10 Hole	20
2.8	11 Hole	20
2.9	12 Hole	20
2.10	13 Hole	20
2.11	14 Hole	20
3	3.5mm Reconstruction plates (Thin and Thick) with 3.5mm cortical screws (4hole to 14 hole) (3.5mm cortical screws 14mm to 28mm) Refer Sr. No.26	
3.1	Thin	
3.1.1	4 Hole	60
3.1.2	5 Hole	50
3.1.3	6 Hole	130

3.1.4	7 Hole	120
3.1.5	8 Hole	120
3.1.6	9 Hole	120
3.1.7	10 Hole	120
3.1.8	11 Hole	50
3.1.9	12 Hole	50
3.1.10	13 Hole	10
3.1.11	14 Hole	10
3.2	Thick	
3.2.1	4 Hole	30
3.2.2	5 Hole	30
3.2.3	6 Hole	30
3.2.4	7 Hole	30
3.2.5	8 Hole	30
3.2.6	9 Hole	30
3.2.7	10 Hole	10
3.2.8	11 Hole	10
3.2.9	12 Hole	10
3.2.10	13 Hole	10
3.2.11	14 Hole	10
4	3.5 mm locking recon plates with 3.5 mm cortical screws and 3.5 mm locking screws (4 hole to 14 hole) (3.5 mm cortical screws 14 mm to 28 mm) Refer Sr. No.26 (3.5 mm locking screws 12mm to 28mm) Refer Sr. No. 26 Note:All implant should be compatible to each other with four complementary boxes with instrumentation	
4.1	4 Hole	40
4.2	5 Hole	40
4.3	6 Hole	50
4.4	7 Hole	50
4.5	8 Hole	50
4.6	9 Hole	50
4.7	10 Hole	50
4.8	11 Hole	10
4.9	12 Hole	10
4.10	13 Hole	10
4.11	14 Hole	10
5	4.5 mm Narrow DCP with 4.5mm cortical screws (4 hole to 14 hole) (4.5mm cortical screws 18mm to 34mm) Refer Sr. No.26 Note: All implant should be compatible to each other with four complementary boxes with instrumentation	
5.1	4 Hole	20
5.2	5 Hole	20
5.3	6 Hole	100
5.4	7 Hole	120
5.5	8 Hole	130

5.6	9 Hole	130
5.7	10 Hole	50
5.8	11 Hole	50
5.9	12 Hole	45
5.10	13 Hole	40
5.11	14 Hole	40
6	4.5mm Narrow LC DCP locking for humerus with 4.5mm cortical screws and 4.9 locking screws (4 hole to 14 hole) (4.5mm cortical screws 18to 34 mm) Refer Sr. No. 26 (4.9 locking screws 18 to 40mm) Refer Sr. No.28 Note: All implant should be compatible to each other with four complementary boxes with instrumentation	
6.1	4 Hole	10
6.2	5 Hole	10
6.3	6 Hole	10
6.4	7 Hole	10
6.5	8 Hole	30
6.6	9 Hole	30
6.7	10 Hole	15
6.8	11 Hole	15
6.9	12 Hole	15
6.10	13 Hole	10
6.11	14 Hole	10
7	Broad DCP for femur with 4.5 mm cortical screws (7 hole to 12 hole) (4.5 mm cortical screws 18 to 50mm) Refer Sr. No.26	
7.1	7 Hole	30
7.2	8 Hole	40
7.3	9 Hole	40
7.4	10 Hole	20
7.5	11 Hole	20
7.6	12 Hole	15
8	Broad DCP locking plate with 4.5mm cortical and 4.9mm locking screws (7 hole to 12 hole) (4.5 mm cortical screws 18 to 50mm) Refer Sr. No. 26 (4.9 mm locking screws 18 to 50mm) Refer Sr. no. 28	
8.1	7 Hole	10
8.2	8 Hole	10
8.3	9 Hole	10
8.4	10 Hole	10
8.5	11 Hole	10
8.6	12 Hole	10
9	K wire double ended (0.8 to 3 mm)	
9.1	6"	
9.1.1	0.8 MM	600

9.1.2	1 MM	1000
9.1.3	1.2 MM	1040
9.1.4	1.5 MM	2080
9.1.5	1.8 MM	4050
9.1.6	2 MM	4020
9.1.7	2.5 MM	1020
9.1.8	3 MM	200
9.2	8"	
9.2.1	0.8 MM	100
9.2.2	1 MM	100
9.2.3	1.2 MM	140
9.2.4	1.5 MM	280
9.2.5	1.8 MM	450
9.2.6	2 MM	420
9.2.7	2.5 MM	120
9.2.8	3 MM	10
10	SS wire reel (16 gauge to 24 gauge)	
10.1	16 gauge	40
10.2	18 gauge	105
10.3	20 gauge	105
10.4	22 gauge	40
10.5	24 gauge	40
11	Steinman pin (3 mm to 6 mm)	
11.1	3 MM	200
11.2	4 MM	200
11.3	5 MM	200
11.4	6 MM	100
12	4 mm Screws 2 Implants boxes each for (solid/ cannulated) to Autoclave Screws in along with corresponding screw drivers (solid/ cannulated) in each set and guide wires (20) for cannulated system	
12.1	Washer for Screws	1000
12.2	4mm Cancellous screws fully threaded and 16mm thread (18 to 90 mm) Note: All implant should be compatible to each other	
12.2.1	18	100
12.2.2	20	100
12.2.3	22	100
12.2.4	24	100
12.2.5	26	400
12.2.6	28	400
12.2.7	30	400
12.2.8	35	400
12.2.9	40	400
12.2.10	45	400
12.2.11	50	400
12.2.12	55	400

12.2.13	60	400
12.2.14	65	100
12.2.15	70	100
12.2.16	75	100
12.2.17	80	100
12.2.18	85	100
12.2.19	90	100
12.3	4mm Cancellous Canulated screws fully threaded and 16 mm thread (18 to 90 mm) Note: All implant should be compatible to each other	
12.3.1	18	100
12.3.2	20	130
12.3.3	22	130
12.3.4	24	130
12.3.5	26	430
12.3.6	28	430
12.3.7	30	430
12.3.8	35	430
12.3.9	40	430
12.3.10	45	430
12.3.11	50	430
12.3.12	55	430
12.3.13	60	430
12.3.14	65	130
12.3.15	70	100
12.3.16	75	100
12.3.17	80	100
12.3.18	85	100
12.3.19	90	100
12.4	4mm Cancellous screws Short threaded and 16mm thread (18 to 90 mm) Note:All implant should be compatible to each other	
12.4.1	18	100
12.4.2	20	100
12.4.3	22	100
12.4.4	24	100
12.4.5	26	400
12.4.6	28	400
12.4.7	30	400
12.4.8	35	400
12.4.9	40	400
12.4.10	45	400
12.4.11	50	400
12.4.12	55	400
12.4.13	60	400
12.4.14	65	100
12.4.15	70	100

12.4.16	75	100
12.4.17	80	100
12.4.18	85	100
12.4.19	90	100
12.5	4mm Cancellous Cannulated screws Short threaded and 16mm thread (18 to 90mm)	
12.5.1	18	100
12.5.2	20	100
12.5.3	22	100
12.5.4	24	100
12.5.5	26	400
12.5.6	28	400
12.5.7	30	400
12.5.8	35	400
12.5.9	40	400
12.5.10	45	400
12.5.11	50	400
12.5.12	55	400
12.5.13	60	400
12.5.14	65	100
12.5.15	70	100
12.5.16	75	100
12.5.17	80	100
12.5.18	85	100
12.5.19	90	100
13	6.5 mm Screws 2 Implants boxes each for (solid/ cannulated) to Autoclave Screws in along with corresponding screw drivers (solid/ cannulated) in each set and guide wires (20) for cannulated system Note: All implant should be compatible to each other Note: Each type of screws from the list need to be compatible with the provided plates	
13.1	Washer for Screws	1000
13.2	6.5mm Cancellous screws 16mm threads (35 to 120mm)	
13.2.1	35	20
13.2.2	40	50
13.2.3	45	50
13.2.4	50	100
13.2.5	55	100
13.2.6	60	100
13.2.7	65	100
13.2.8	70	100
13.2.9	75	100
13.2.10	80	100
13.2.11	85	100
13.2.12	90	100
13.2.13	95	100

13.2.14	100	40
13.2.15	105	40
13.2.16	110	40
13.2.17	115	40
13.2.18	120	40
13.3	6.5mm Cancellous Cannulated screws 16mm threads (30 to 120mm)	
13.3.1	30	30
13.3.2	35	50
13.3.3	40	130
13.3.4	45	130
13.3.5	50	230
13.3.6	55	230
13.3.7	60	230
13.3.8	65	230
13.3.9	70	230
13.3.10	75	230
13.3.11	80	230
13.3.12	85	230
13.3.13	90	230
13.3.14	95	230
13.3.15	100	230
13.3.16	105	40
13.3.17	110	40
13.3.18	115	40
13.3.19	120	40
13.4	6.5mm Cancellous screws 32 mm threads (35 to 120 mm)	
13.4.1	35	20
13.4.2	40	50
13.4.3	45	50
13.4.4	50	100
13.4.5	55	100
13.4.6	60	100
13.4.7	65	100
13.4.8	70	100
13.4.9	75	100
13.4.10	80	100
13.4.11	85	100
13.4.12	90	100
13.4.13	95	100
13.4.14	100	100
13.4.15	105	40
13.4.16	110	40
13.4.17	115	40
13.4.18	120	40
13.5	6.5mm Cancellous Canulated screws 32 mm threads (30 to 120 mm)	

13.5.1	30	30
13.5.2	35	50
13.5.3	40	130
13.5.4	45	130
13.5.5	50	230
13.5.6	55	230
13.5.7	60	230
13.5.8	65	230
13.5.9	70	230
13.5.10	75	230
13.5.11	80	230
13.5.12	85	230
13.5.13	90	230
13.5.14	95	230
13.5.15	100	230
13.5.16	105	40
13.5.17	110	40
13.5.18	115	40
13.5.19	120	40
13.6	6.5 mm Cancellous screws Fully threaded (35 to 120 mm)	
13.6.1	35	20
13.6.2	40	50
13.6.3	45	50
13.6.4	50	100
13.6.5	55	100
13.6.6	60	100
13.6.7	65	100
13.6.8	70	100
13.6.9	75	100
13.6.10	80	100
13.6.11	85	100
13.6.12	90	100
13.6.13	95	100
13.6.14	100	100
13.6.15	105	40
13.6.16	110	40
13.6.17	115	40
13.6.18	120	40
13.7	6.5mm Cancellous Canulated screws Fully threaded (35 to 120 mm)	
13.7.1	35	20
13.7.2	40	100
13.7.3	45	100
13.7.4	50	200
13.7.5	55	200
13.7.6	60	200
13.7.7	65	200

13.7.8	70	200
13.7.9	75	200
13.7.10	80	200
13.7.11	85	200
13.7.12	90	200
13.7.13	95	200
13.7.14	100	200
13.7.15	105	40
13.7.16	110	40
13.7.17	115	40
13.7.18	120	40
14	Malleolar screw 4.5mm (30 to 120mm) Note: 1) Each type of screws from the list need to be compatible with the provided plates. 2) 2 Implants boxes for each Screw type to Autoclave the Screws in along with corresponding screw drivers should be provided Note: All implant should be compatible to each other	
14.1.1	30	40
14.1.2	35	40
14.1.3	40	40
14.1.4	45	65
14.1.5	50	65
14.1.6	55	65
14.1.7	60	65
14.1.8	65	65
14.1.9	70	65
14.1.10	75	65
14.1.11	80	40
14.1.12	85	40
14.1.13	90	40
14.1.14	95	40
14.1.15	100	40
14.1.16	105	40
14.1.17	110	40
14.1.18	115	40
14.1.19	120	40
15	TENS nails (1.5 mm to 5 mm)	
15.1	1.5 mm	200
15.2	2 mm	600
15.3	2.5 mm	600
15.4	3 mm	400
15.5	3.5 mm	400
15.6	4 mm	200
15.7	4.5 mm	100
15.8	5 mm	100
16	Rush nails	
16.1	2.5 mm	
16.1.1	18 cm	20

16.1.2	20 cm	20
16.1.3	22 cm	20
16.1.4	24 cm	20
16.1.5	26 cm	20
16.1.6	28 cm	30
16.1.7	30 cm	30
16.1.8	32 cm	10
16.2	3 mm	
16.2.1	18 cm	20
16.2.2	20 cm	20
16.2.3	22 cm	20
16.2.4	24 cm	20
16.2.5	26 cm	20
16.2.6	28 cm	30
16.2.7	30 cm	30
16.2.8	32 cm	10
16.3	3.5 mm	
16.3.1	18 cm	20
16.3.2	20 cm	20
16.3.3	22 cm	20
16.3.4	24 cm	20
16.3.5	26 cm	20
16.3.6	28 cm	30
16.3.7	30 cm	30
16.3.8	32 cm	10
16.4	2 mm	
16.4.1	18 cm	20
16.4.2	20 cm	20
16.4.3	22 cm	20
16.4.4	24 cm	20
16.4.5	26 cm	20
16.4.6	28 cm	30
16.4.7	30 cm	30
16.4.8	32 cm	10
17	Austin Moore prosthesis (37 to 51mm)	
17.1	37	5
17.2	39	5
17.3	41	5
17.4	43	5
17.5	45	5
17.6	47	5
17.7	49	5
17.8	51	5
18	Bipolar prosthesis hip	
18.1	Fenestrated (37 to 51)	
18.1.1	37	20
18.1.2	39	20

18.1.3	41	20
18.1.4	43	20
18.1.5	45	5
18.1.6	47	5
18.1.7	49	5
18.1.8	51	5
18.2	Non fenestrated (37 to 51)	
18.2.1	37	20
18.2.2	39	20
18.2.3	41	20
18.2.4	43	20
18.2.5	45	5
18.2.6	47	5
18.2.7	49	5
18.2.8	51	5
19	Schanz pin	
19.1	4 mm	20
19.2	5 mm	20
19.3	6 mm	20
20	Forearm distractor set/ JESS Set	
20.1	Knurled rods	20
20.2	Schanz pins 3.5 mm	20
20.3	Schanz pins 2.5 mm	20
20.4	Alpha clamps	20
20.5	Beta clamps	20
20.6	Forearm distractor clamps 3.5 mm	20
20.7	Forearm distractor clamps 2.5 mm	20
20.8	Forearm distractor rods	20
21	Suture anchors	
21.1	3.5 mm	20
21.2	5 mm	20
22	AO external fixator system with 4.5mm Schanz pins and 5mm Schanz pins with AO clamp and connecting rods	
22.1	4.5 mm Schanz Pin	120
22.2	5 mm Schanz Pin	120
22.3	Clamp	60
22.4	Rod	60
23	Bone cement 40g	200
24	G Bone	
24.1	Blocks	400
24.2	Granules	400
25	Stimulaan	
25.1	5 cc	10

26	SCREWS LIST (Thread count of Screws to be of more than 20 thread per inch) Note: 1) Each type of screws from the below list need to be compatible with the provided plates. 2) 2 Implants boxes for each Screw type to Autoclave the Screws in along with corresponding screw drivers should be provided Note: All implant should be compatible to each other	
26.1	3.5 mm Cortical Screws	
26.1.1	12	1120
26.1.2	14	2220
26.1.3	16	2220
26.1.4	18	2220
26.1.5	20	2180
26.1.6	22	2080
26.1.7	24	2020
26.1.8	26	2020
26.1.9	28	2020
26.1.10	30	2000
26.1.11	32	2000
26.1.12	34	2000
26.1.13	36	2000
26.1.14	38	2000
26.1.15	40	1000
26.1.16	42	1000
26.1.17	44	1000
26.1.18	46	1000
26.1.19	48	400
26.1.20	50	400
26.1.21	55	400
26.1.22	60	400
26.1.23	65	400
26.1.24	70	200
26.1.25	75	200
26.1.26	80	400
26.1.27	85	200
26.1.28	90	200
26.2	3.5 mm Cortical Locking Screws	
26.2.1	12	590
26.2.2	14	2130
26.2.3	16	2130
26.2.4	18	2110
26.2.5	20	2090
26.2.6	22	2000
26.2.7	24	2000
26.2.8	26	2000
26.2.9	28	2000
26.2.10	30	2015

26.2.11	32	2015
26.2.12	34	2015
26.2.13	36	2015
26.2.14	38	2000
26.2.15	40	1000
26.2.16	42	1000
26.2.17	44	1000
26.2.18	46	1000
26.2.19	48	400
26.2.20	50	400
26.2.21	55	400
26.2.22	60	400
26.2.23	65	400
26.2.24	70	200
26.2.25	75	200
26.2.26	80	200
26.2.27	85	200
26.2.28	90	200
26.3	4.5mm Cortical Screws	
26.3.1	14	200
26.3.2	16	560
26.3.3	18	580
26.3.4	20	700
26.3.5	22	700
26.3.6	24	700
26.3.7	26	1180
26.3.8	28	1180
26.3.9	30	1080
26.3.10	32	2000
26.3.11	34	2000
26.3.12	36	1000
26.3.13	38	1000
26.3.14	40	1000
26.3.15	42	400
26.3.16	44	400
26.3.17	46	400
26.3.18	48	400
26.3.19	50	200
26.3.20	55	200
26.3.21	60	200
26.3.22	65	100
26.3.23	70	100
26.4	4.5mm Cortical Locking Screws	
26.4.1	14	100
26.4.2	16	140
26.4.3	18	140
26.4.4	20	200

26.4.5	22	600
26.4.6	24	600
26.4.7	26	1090
26.4.8	28	1090
26.4.9	30	1040
26.4.10	32	1000
26.4.11	34	1000
26.4.12	36	1000
26.4.13	38	1000
26.4.14	40	1000
26.4.15	42	400
26.4.16	44	400
26.4.17	46	400
26.4.18	48	400
26.4.19	50	400
26.4.20	55	200
26.4.21	60	200
26.4.22	65	200
26.4.23	70	100
26.5	3.9 mm Interlocking Bolts	
26.5.1	26	100
26.5.2	28	100
26.5.3	30	100
26.5.4	32	120
26.5.5	34	120
26.5.6	36	120
26.5.7	38	120
26.5.8	40	40
26.5.9	42	40
26.5.10	44	40
26.5.11	46	40
26.5.12	48	40
26.5.13	50	20
26.5.14	55	20
26.5.15	60	20
26.6	4.9 mm Interlocking Bolts	
26.6.1	26	120
26.6.2	28	120
26.6.3	30	120
26.6.4	32	120
26.6.5	34	120
26.6.6	36	120
26.6.7	38	120
26.6.8	40	40
26.6.9	42	40
26.6.10	44	40
26.6.11	46	40

26.6.12	48	40
26.6.13	50	20
26.6.14	55	20
26.6.15	60	20
26.7	5 mm Cortical Locking Screws	
26.7.1	18	200
26.7.2	20	200
26.7.3	22	200
26.7.4	24	400
26.7.5	26	400
26.7.6	28	400
26.7.7	30	400
26.7.8	32	400
26.7.9	34	400
26.7.10	36	400
26.7.11	38	400
26.7.12	40	400
26.7.13	42	200
26.7.14	44	200
26.7.15	46	200
26.7.16	48	200
26.7.17	50	200
26.7.18	55	100
26.7.19	60	100
26.7.20	65	100
26.7.21	70	100
26.7.22	75	100
26.8	5mm Cancellous Locking Screws	
26.8.1	18	200
26.8.2	20	200
26.8.3	22	200
26.8.4	24	400
26.8.5	26	400
26.8.6	28	400
26.8.7	30	400
26.8.8	32	400
26.8.9	34	400
26.8.10	36	400
26.8.11	38	400
26.8.12	40	400
26.8.13	42	200
26.8.14	44	200
26.8.15	46	200
26.8.16	48	200
26.8.17	50	200
26.8.18	55	100
26.8.19	60	100

26.8.20	65	100
26.8.21	70	100
26.8.22	75	100
26.9	2.7 mm Locking Screws	
26.9.1	12	220
26.9.2	14	1080
26.9.3	16	1100
26.9.4	18	1100
26.9.5	20	1100
26.9.6	22	480
26.9.7	24	480
26.9.8	26	100
26.9.9	28	100
26.9.10	30	100
27	Autoclavable instruments box (big)	10
28	4.9 locking screws 18 to 40mm	
28.1	18	200
28.2	20	200
28.3	22	200
28.4	24	200
28.5	26	200
28.6	28	200
28.7	30	200
28.8	32	200
28.9	34	200
28.10	36	200
28.11	38	200
28.12	40	200
29	Headless Screw Ø 3 mm (Joints Fusion)	
29.1	12	10
29.2	14	10
29.3	16	10
29.4	18	10
29.5	20	10
29.6	22	10
29.7	24	10
29.8	26	10
29.9	28	10
29.10	30	10
30	Headless Screw Ø 3.5 mm (Joints Fusion)	
30.1	12	10
30.2	14	10
30.3	16	10
30.4	18	10
30.5	20	10
30.6	22	10
30.7	24	10

30.8	26	10
30.9	28	10
30.10	30	10
30.11	32	10
30.12	34	10
30.13	36	10
30.14	38	10
30.15	40	10
31	Headless Screw Ø 4 mm (Joints Fusion)	
31.1	16	10
31.2	18	10
31.3	20	10
31.4	22	10
31.5	24	10
31.6	26	10
31.7	28	10
31.8	30	10
31.9	32	10
31.10	34	10
31.11	36	10
31.12	38	10
31.13	40	10
31.14	42	10
31.15	44	10
31.16	46	10
31.17	48	10
31.18	50	10
31.19	52	10
31.2	54	10
31.21	56	10
31.22	58	10
31.23	60	10
32	Headless Screw Ø 5 mm (Joints Fusion)	
32.1	20	10
32.2	22	10
32.3	24	10
32.4	26	10
32.5	28	10
32.6	30	10
32.7	32	10
32.8	34	10
32.9	36	10
32.10	38	10
32.11	40	10
32.12	42	10
32.13	44	10
32.14	46	10

32.15	48	10
32.16	50	10
32.17	55	10
32.18	60	10
32.19	65	10
32.20	70	10
33	Headless Screw Ø 6 mm (Joints Fusion)	
33.1	26	10
33.2	28	10
33.3	30	10
33.4	32	10
33.5	34	10
33.6	36	10
33.7	38	10
33.8	40	10
33.9	42	10
33.10	44	10
33.11	46	10
33.12	48	10
33.13	50	10
33.14	55	10
33.15	60	10
33.16	65	10
33.17	70	10

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Director of Health Services

ANNEXURE E

Instruments

Sr. No.	Name of Items	Qty.
1.	Reamer Set with all sizes (7-13mm) for IL nailing spiral	
1.1	7 mm	3
1.2	8 mm	3
1.3	9 mm	3
1.4	10 mm	3
1.5	11 mm	3
1.6	12 mm	3
1.7	13 mm	3
2.	Reamer Set with all sizes (7-13mm) for IL nailing cannulated	
2.1	7 mm	8
2.2	8 mm	8
2.3	9 mm	8
2.4	10 mm	8
2.5	11 mm	8
2.6	12 mm	8
2.7	13 mm	8
3	Guide wires long (Interlocking nailing)	
3.1	2 mm	20
3.2	1.8 mm	20
4	Harrington Cutter	
4.1	Big	7
4.2	Medium	7
4.3	Small	7
5	Ring Cutter (medium)	4
6	Bone Nibbler (Double Action)	
6.1	Straight tip-7"	43
6.2	Straight Tip - 9"	43
6.3	Curved Tip-8"	32
6.4	Curved Tip-9"	32
7	Bone Cutter Double Action	
7.1	Straight (Medium)	5
8	Hohmann Retractor (Bone Spike)	
8.1	6 mm	23 pairs
8.2	8 mm	23 pairs
8.3	10 mm	23 pairs
8.4	18 mm	20 pairs
8.5	22 mm	20 pairs
8.6	24 mm	20 pairs
9	Osteotome Set	
9.1	Straight Sets	

9.1.1	5	32 sets
9.1.2	10	32 sets
9.1.3	15	32 sets
9.1.4	20	32 sets
9.1.5	25	32 sets
9.2	Curved Sets	
9.2.1	5	12 sets
9.2.2	10	12 sets
9.2.3	15	12 sets
9.2.4	20	12 sets
9.2.5	25	12 sets
10	Gouge Set	
10.1	Straight Sets	
10.1.1	5	5 sets
10.1.2	10	5 sets
10.1.3	15	5 sets
10.1.4	20	4 sets
10.1.5	25	4 sets
10.2	Curved Sets	
10.2.1	5	5 sets
10.2.2	10	5 sets
10.2.3	15	5 sets
10.2.4	20	4 sets
11	Allen Key Set (Stainless Steel)	9 sets
12	Bone Holders	
12.1	Raduis	
12.1.1	Size 8"	24
12.1.2	Size 10"	24
12.1.3	Size 12"	24
12.2	Humerus	
12.2.1	Size 8"	32
12.2.2	Size 10"	32
12.2.3	Size 12"	32
12.3	Tibia	
12.3.1	Size 8"	32
12.3.2	Size 10"	32
12.3.3	Size 12"	32
12.4	Femur	
12.4.1	Size 8"	34
12.4.2	Size 10"	32
12.4.3	Size 12"	32
13	Screw Driver	
13.1	Non - Cannulated (2.7mm, 3.5 mm, 4.5 mm)	
13.1.1	2.7mm	15
13.1.2	3.5 mm	44
13.1.3	4.5 mm	24
13.2	Cannulated with guide wire	

13.2.1	3.5 mm	13
13.2.2	4 mm	13
13.2.3	4.5 mm	13
14	Hollow Mill Set (all sizes)	8 sets
15	T- handle with chuck and key	18
16	Hammer (small)	30
17	Hammer (medium)	32
18	Cats Paw Retractor (size 10)	33 pairs
19	Czerny's Retractor - 8"	45 pairs
20	Medial Malleolar / Bone Fragment Clamps	
20.1	Large	25
20.2	Medium	25
21	Curved Kocker 8"	150
22	Curved Kocker 10"	150
23	Kocker's forcep straight 8"	205
24	Kocker's forcep straight 10"	205
25	Universal Nail Extractor Set	5 sets
26	Implant Removal Set	8 sets
27	Wire/ Suture Passer- Small	8
28	Wire /Suture Passer- Large	6
29	Wire/ Suture Passer- Medium	8
30	Towel Clips (Mayos)	
30.1	5"	410
30.2	6"	410
31	Self Retaining Tension Retractor	13
32	Langenbeck Retractor	
32.1	0.5 inch	18 pairs
32.2	1 inch	18 pairs
32.3	2 inch	18 pairs
33	Morris Retractor	
33.1	2 inch	8 pairs
33.2	1.5 inch	8 pairs
34	Addsons Forceps	
34.1	Toothed - 6"(fine tip)	55
34.2	Toothed - 5" (fine tip)	45
35	Depth Gauze	11
36	Screw Removal Locking Pliers	15
37	Cannulated Bone Awl (curved tip)	16
38	Periosteal Elevator Curved & Straight -Small & Medium	
38.1	Curved Small	22
38.2	Curved Medium	22
38.3	Straight Small	22
38.4	Straight Medium	22
39	Proximal Femur Nailing Guide Wire	
39.1	2 mm	25
39.2	2.5 mm	25
39.3	3 mm	25

40	Artery Forcep - 6"	210
41	Allies Forcep - 6"	210
42	Micro Curretes	
42.1	Small	20
42.2	Medium	20
43	Needle Holder	
43.1	Size 6"	105
43.2	Size 7"	105
43.3	Size 8"	105
44	Bone Punch/ Ortho Impactor	16
45	Drill Sleeves with handle (2.5, 2.7, 3.2, 4, 4.5, 3.5) dia in mm	
45.1	2.5	6
45.2	2.7	6
45.3	3.2	6
45.4	4	6
45.5	4.5	6
45.6	3.5	6
46	K-Wire Bender/ Cutter (Tip & end cutter) (6-5")	
46.1	(Tip cutter) (6-5")	22
46.2	(End cutter) (6-5")	22
47	Plaster cutting machine (Electric Medical Cast Cutter)	7
48	Plaster cutting scissor	32
49	Spanner complete set	10 sets
50	Drill bits (Full set)	
50.1	2 mm, 6"	40
50.2	2.5 mm, 6"	40
50.3	2.7 mm, 6"	20
50.4	2.8 mm, 6"	20
50.5	3.2 mm, 6"	10
50.6	3.5 mm, 6"	10
50.7	4 mm, 6"	10
50.8	4.3 mm, 6"	5
50.9	2 mm, 8"	5
50.10	2.5 mm, 8"	60
50.11	2.7 mm, 8"	60
50.12	2.8 mm, 8"	60
50.13	3.2 mm, 8"	50
50.14	3.5 mm, 8"	50
50.15	4 mm, 8"	5
50.16	4.3 mm, 8"	5
50.17	2 mm, 12"	5
50.18	2.5 mm, 12"	5
50.19	2.7 mm, 12"	10
50.20	2.8 mm, 12"	10
50.21	3.2 mm, 12"	20
50.22	3.5 mm, 12"	20
50.23	4 mm, 12"	40

50.24	4.3 mm, 12"	25
51	Sterile camera cover (Disposable)	1020
52	Arthrsopic shaver with shaver blades	1
53	Mastoid Retractor	
53.1	4"	15
53.2	5"	15
53.3	6"	15

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