

**Tender cost Rs: 500/-**

**OFFICE OF THE DIRECTOR  
ALL INDIA INSTITUTE OF MEDICAL SCIENCES**

**ANSARI NAGAR: NEW DELHI: 110 029  
(SCHEDULE-'A')**

S.no. of tender : \_\_\_\_\_

File no. : **94/H/2011-12**

***Name of the party in whose*** : \_\_\_\_\_  
favor the tender form has been issued \_\_\_\_\_  
\_\_\_\_\_

The Director,

***All India Institute of Medical***  
Sciences, Ansari Nagar.N.Delhi-29

(SEAL OF THE OFFICER)

Dear Sir,

1. I/We hereby submit our tender for the Orthopadics Indian Implants \_\_\_\_\_  
\_\_\_\_\_

**2.I/WE now enclosing herewith the Bank Guarantee/D.D. No..... dated.....  
For Rs. 25,000/- drawn in favour of the "DIRECTOR, AIIMS, NEW DELHI" towards EMD/Bid  
Security. Tenders not accompanied with EMD/Bid Security (along with Technical Bid Part-  
I) shall be summarily rejected.**

3.I/We hereby agree to all the terms and conditions, stipulated by the AIIMS, in this connection including delivery, penalty etc. Quotations for each group are being submitted under separate covers and sheets and shall be considered on their face value.

4.I/We have noted that over written entries shall be deleted unless duly out & re-written and initialed. Tenders are duly signed (No thumb impression should be affixed).

5.I/We undertake to sign the contract/agreement within 10 (Ten days) from the issue of the letter of acceptance, failing which our/my security money deposited may be forfeited and our/my name may be removed from the list of suppliers at the AIIMS New Delhi-29.

6.I/We have gone through all terms and conditions of the tender documents before submitting the same.

**NOTE:** ALL TERMS & CONDITIONS SUCH AS RATES AND TAXES ETC, HAS BEEN INDICATED SEPARATLY IN THE QUOTATION. DURING THE RATE CONTRACT PERIOD BASIC PRICE EXCEPT GOVT. LEVIES OF THE ITEM WILL NOT BE CHANGED. OTHER TERMS AND CONDITIONS ARE ALSO AS PER YOUR REQUIREMENT.

**Yours faithfully,**

**Signature of Tenderer with full Address.**

**WITNESS** \_\_\_\_\_

**WITNESS** \_\_\_\_\_

**WITNESS** \_\_\_\_\_

**WITNESS** \_\_\_\_\_

***Terms & conditions***  
**(SCHEDULE-'B')**

**Tender Ref. No. : 94/H/2011-12**

**Subject : Purchase of Orthopadics Indian Implants on annual rate contract basis.**

**Date of Submission : 21.12.2011 up to 03.00 P.M.**

**Date of Opening : 22.12.2011 at (03.30 P.M).**

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1.Tender should be addressed to the Director, All India Institute of Medical Sciences, Ansari Nagar, New Delhi-29 and submitted to the Office of the Stores Officer, (Main) under sealed cover failing which the tender shall be rejected. Terms and conditions for supply should invariably be indicated otherwise would be taken on its face value. The rates may be quoted on separate sheets failing which the tender(s) will be rejected.

**2.Mixed quotations will not be considered for acceptance.**

**3.TENDER SHOULD INVARIABLY BE SUBMITTED IN TWO BID SYSTEM CONTAINING TWO PARTS AS DETAILED BELOW:**

**PART-I: - TECHNO-COMMERCIAL BID IN ONE SEALED COVER (FOR ALL FIVE GROUPS).**

**PART-II: - PRICE BID/FINANCIAL BID IN SEPARATE SEALED COVERS FOR EACH GROUP.**

BOTH THE SEALED ENVELOPES (PART-I & II) SHOULD THEN BE PUT IN OUTERCOVER

INDICATING THEREON:

**i) Reference No. Of the Tender: \_\_\_\_\_**

**ii) Tender regarding: \_\_\_\_\_**

**iii) Due date for submission of the tender: \_\_\_\_\_**

**iv) Due date for opening of the tender: \_\_\_\_\_**

v) Name of the firm: \_\_\_\_\_

PLEASE NOTE THAT PRICES SHOULD NOT BE INDICATED IN THE TECHNO- COMMERCIAL BID. THE PRE-QUALIFICATION DOCUMENTS INCLUDING E.M.D./BID SECURITY AS REQUIRED IN THE TENDER DOCUMENT SHOULD INVARIABLE BE ACCOMPANIED WITH THE TECHNO-COMMERCIAL BID.

**NOTE: - TENDERS SUBMITTED WITHOUT FOLLOWING TWO-BID SYSTEM PROCEDURE AS MENTIONED ABOVE WOULD BE SUMMARILY REJECTED.**

4.The tenderers should give rates, showing taxes, if any, and levies, packing forwarding and insurance charges separately giving full breakup details. THE INSTITUTE IS NOT AUTHORIZED TO ISSUE 'C/D FORMS'. Tender not confirming to these requirements shall be rejected and no correspondence will be entertained whatsoever.

**5.TENDER DOCUMENT/RATE CONTRACT AGREEMENT IS NON-TRANSFERABLE.**

6. The tenderers should take care that the rates and amounts are written in such a way that interpolation is not possible; no blanks should be left which would otherwise, make the tender rejected.

7. The tendered rates should be kept opened **for a period of one year** from the date as the tenders are opened or till the finalization of centralized rate contract through Store Section (DO) whichever is earlier.

8. The tenderers shall clarify/state whether he/they are manufacturer, accredited agent or sole representative indicating principals and agent quoting on behalf of their manufacturers/principals must attach authority letter in their favor **provided the manufacturer accepts responsibility for any lapses of the distributors/ supplier in case they are authorized agent.**

9. Handwritten quotations shall be accepted at the bidder's risk. In case of any discrepancy rates in the figures, the rate mentioned in words will only be considered.

10. Delivery prospects with definite date of delivery at destination taking into cognizance transit facilities must be indicated.

11. EACH TENDER SHOULD BE ACCOMPANIED WITH AN EMD/BID SECURITY AMOUNTING TO **Rs.25,000/-** BY WAY OF DEMAND DRAFT/ BANK GUARANTEE/F.D.R. DRAWN IN FAVOUR OF "DIRECTOR, AIIMS, NEW DELHI", FAILING WHICH THE TENDER SHALL NOT BE CONSIDERED FOR ACCEPTANCE AND WILL BE OUTRIGHTLY REJECTED. IN CASE OF BANK GUARANTEE/FDR, IT SHALL BE VALID FOR 15 MONTHS FROM THE DATE OF

**OPENING AND THE SAME SHOULD BE FROM ANY SCHEDULED BANK (AS PER THE LIST ENCLOSED). CASH/CHEQUE IS NOT ACCEPTABLE AT ALL. THE EMD/BID SECURITY DEPOSITED AGAINST OTHER TENDERS CANNOT BE ADJUSTED OR CONSIDERED FOR THIS TENDER. NO INTEREST IS PAYABLE ON EMD/BID SECURITY. THE EMD/BID SECURITY OF THE APPROVED VENDORS WILL BE RETAINED TILL THE VALIDITY OF THE CONTRACT IN THE LIEU OF PERFORMANCE SECURITY.**

12. If the delivery is not effected on due date, the Director, AIIMS, New Delhi will have the right to impose penalty as under:
- a. First extension for month or part thereof \_\_\_\_\_ @2%.
  - b. Second extension for an additional month \_\_\_\_\_ @3% of part thereof.
  - c. In case of non-supply \_\_\_\_\_ @7.5%
- Or
- D) In case of default institute will have the right to procure the ordered item from open market /another party at their own risk and expenses under risk purchase clause.
13. In case of non supply of material within the due date i.e. with in the date of delivery, the Director, AIIMS, New Delhi will have the right to impose penalty as deemed fit and resort to risk purchase in full or part thereof at his/her discretion, his/her decision shall be final and binding.
14. Excise Duty & other such levy imposed by the Govt. of India from time to time will be authorized extra on demand with adequate proof thereof.
15. The Director, AIIMS New Delhi shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
16. No payment shall be made for rejected material. The tenderers would remove rejected items within two weeks of the date of rejection at their own cost and replace immediately. In case these are not removed, these will be disposed off in a manner as deemed fit by the authorities at the risk and responsibility of the suppliers without any further notice.

17. Tenderers submitting tenders would be considered to have considered and accepted all the terms and conditions. No inquiries verbal or written shall be entertained in respect of acceptance or rejection of the tender.
18. TENDER SHALL BE REJECTED IF THE COPY OF SALES TAX REGISTRATION CERTIFICATE (now called as VAT) IS NOT FURNISHED. FIRM SHALL FURNISH A CERTIFICATE ON THEIR FIRM'S LETTER HEAD STATING THAT UPTO DATE RETURNS HAVE BEEN FILED AND THERE ARE NO DUES WITH THE CONCERNED DEPARTMENT. FIRM WILL ALSO SUBMIT THE COPIES OF SUCH RETURNS (LATEST) SUBMITTED TO THE DEPARTMENT OF TRADE & TAXES. Sales tax/VAT and other statutory levies should be shown separately and should not be included in the basic price otherwise it will not be considered.
19. Any action on the part of the tender to influence anybody in the said Institute will be taken as an offence and the tender submitted by the firm will subsequently be rejected.
20. The price charged for the Stores/Equipment's, under the reference, by the supplier shall in no even exceed the lowest price at which the supplier the Stores/Equipment's of same identical description to any other person/organization/Institution during the currency of the contract as per fall clause adhered by D.G.S.& D. If at any time, during the said period the supplier reduced the said prices of such/Stores/Equipment or sales such stores to any other person/organization/ Govt. Institution/ Co. Operative Stores at price lower than the quoted price, he shall forthwith notify such reduction or sale to the Director, All India Institute of Medical Sciences and the price payable for the Items supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced for AIIMS **and should attach an undertaking on non-judicial stamp paper of Rs 10/- duly attested by the notary to this effect otherwise quotation shall be summarily rejected.**
21. The supplier shall furnish the following certificate to the Accounts Officer (Stores Accounts) along with each bill for payment for supplies made against in Rate Contract Tender.

"I/We certify that the Stores of description identical to the Stores supplied to the government under the contract against Tender herein have not been offered/sold by me/us to any other person/organization/Institution up to date of bill/the date of completion of suppliers against all supply orders placed during the currency of the tender/rate contract at the price lower than the institute under contract /against tender".

22. If at any time, any question, dispute or difference whatever shall arise between the two parties (AIIMS on the one hand and vendor on the other hand) in relation to the purchase either of the parties may give to the other notice in writing the existence of such a question, dispute or difference and the same shall be referred to two arbitrators, one to be nominated by the firm. Either party shall serve such a notice of the existence of any question, dispute or difference in connection with this purchase within 30 days of the beginning of such dispute failing which all right or claims shall be deemed to have been forfeited and absolutely barred.

Before proceeding with the reference the arbitrators shall appoint/nominate an umpire. In the event of the arbitrators not agreeing in their award the umpire appointed by them shall enter upon the reference and his award shall be binding on the parties. The venue of the arbitrator shall be at AIIMS.

The provision of the Indian Arbitration and Reconciliation Act 1996 and of rules framed if under and any statutory modifications thereof shall be deemed to apply and be incorporated for the supply, installation, installation and commissioning etc.

Upon every or any such reference the cost of any incidents to the reference and awards respectively shall be at the discretion of the arbitrators on in the event of their not agreeing of the Umpire appointed by them who may determine the amount thereof or direct the same to be fixed as between solicitors and client or as between parties and shall direct by whom and in what manners the same shall be borne and paid.

23. The courts at Delhi will have the jurisdiction to try any matter, dispute or reference between the parties arising out of the contract. It is specifically agreed that no court outside and other than Delhi court shall have jurisdiction in the matter.

24. Any failing of omission to carry out the provision of the contract by the supplier shall not give rise to any claim by any party, one against the either, if such failure of omission or arises from an act of God, which shall include all acts of natural calamities such as fire, flood, earthquake hurricane or any pestilence or from civil strikes, compliance with any stature and/or regulation of the Government, lookouts and strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state or insurrection, provided that notice or the occurrence of any event by either party to the other shall be given within two weeks from the date of occurrence of such an event which could be attributed to force majeure conditions.

25. The supplier shall furnish the following certificate to the Accounts Officer (Stores Accounts) along with each bill for payment for supplies made against in Rate Contract Tender.

“I/We certify that the Stores of description identical to the Stores supplied to the Government under the contract against tender herein have not been offered/sold by me/us to an other person/organization /Institutions up to date of completion of supplies against all supply orders places during the currency of the tender/the contract/against tender”.

26. The tenderer shall furnish a non-blacklisting/non-debarring certificate that the firm has not been blacklisted in the past by any government/ Private institution. **The tenderer/Supplier has to give an affidavit on non-judicial stamp paper of Rs.10/- duly attested by notary that there is no vigilance/CBI case pending against the firm/supplier and the firm has not been blacklisted/ debarred in the past by any Govt. or Private Organization.**

- a. Payment of the approved vendor for supply of **ortho Indian Implants items** at AIIMS shall be made through cheque or electronic clearing system. In case of cheque, the same will be dispatched through registered post and postal charges shall be deducted from their bills.
- b. A surprise visit to the premises by the representatives of the Institute shall be made to assess the firm’s capacity and standing.
- c. Samples of the items in original packing, duly labeled (Printed) and sealed having date of manufacturing, date of Expiry, manufactured by with batch No. wherever applicable, should be submitted invariably to Stores Officer (H). If required, more identical samples will be asked to submit. Before submitting the tender, the list of samples submitted duly acknowledged should invariably be attached with the technical bid. Those tenders received without sample as detailed above will be summarily rejected and no correspondence will be entertained in this regard. At the time of receiving supply from the approved firm any variations in the supply will not be allowed and supply will be summarily rejected.

27. The percentage of Sales Tax/VAT to be charged be clearly mentioned along with rates.

28. Tender by Tele-fax/telegram/fax/e-mail will not be accepted.

29. The firm should submit list of organizations where the material has been supplied in the last two years along with complete details of items supplied.

30. SELECTION WILL BE MADE PURELY ON SAMPLE AND QUALITY BASIS. SAMPLES WILL BE GIVEN IN ORIGINAL PACKING ONLY.
31. Rates should be quoted strictly as per the tender specifications and should be valid for a period of minimum one-year or till the finalization of centralized rate contract through Store Section (DO) whichever is earlier.
32. If the tenderer gives a false statement on any of the above information, the firm/supplier will not be considered and their quotation/tender shall be deemed to be rejected and the security deposited will stand forfeited.
33. It will be the prerogative of the Institute to place the supply order for the whole lot/item or in piecemeal basis depending upon the requirement of the Institute.
34. Valid Manufacturing Licence Certificate in favor of manufacturer issued by the competent authority for the items they have quoted.
35. Valid Drug Licence certificate issued by the competent authority shall be submitted alongwith the Techno-commercial bid.
36. The Institute shall have the right to reject any tender who does not qualify the requirement. No correspondence, whatsoever, will be entertained in this regard.
37. **Only one best quality item (according to our specification) should be quoted against each item. On no account should different qualities e.g. A, B, & C of items be quoted. These items that have been quoted as per different qualities (In contravention to the specifications) will not be considered at all.**
38. No tenderer can charge/quote rates more than MRP, in case any tenderer, if charged/quote higher rates for any item more than MRP, the action like forfeiture of security money/performance security and removal of name from the list of supplier shall be taken against the firm.
39. The Technical Selection Committee will shortlist the Technical Bids on the basis of technical parameters i.e. pre-qualification certificates and inspection of samples by the users as per tender conditions. Based on the results, vendors will be short-listed further and the names of short listed vendors announced to the respective vendor only who's Technical Bids qualify for opening the Financial/Commercial Bids. The Commercial Bids of only the vendors shortlist from the Technical Bids will be opened in the presence of

their representatives on a specified date and time to be intimated to the respective vendors. **Those vendors failed to submit pre-qualification certificates and samples will be summarily rejected and no correspondence will be entertained in this regard.**

**40. THE FORWARDING LETTER/ UNDERTAKING (SCHEDULE-A) DULY SIGNED SHOULD INVARIABLY BE RETURNED ALONG WITH QUOTATIONS FURNISHED FAILING WHICH THE TENDER SHALL BE REJECTED.**

**41. IN CASE THE TENDER DOCUMENTS DOWNLOADED FROM THE WEBSITE: -**

**THE BIDDERS MAY DOWNLOAD THE TENDER DOCUMENTS DIRECTLY FROM THE WEBSITE AVAILABLE AT [www.aiims.ac.in](http://www.aiims.ac.in), [www.aiims.edu](http://www.aiims.edu), [www.tenders.gov.in](http://www.tenders.gov.in) IN SUCH CASE, THE BIDDER ARE REQUIRED TO SUBMIT THE TENDER COST FEE OF Rs. 500/- (Non-Refundable) BY WAY OF SEPARATE DEMAND DRAFT DRAWN IN FAVOUR OF DIRECTOR, AIIMS, AND THE SAME SHOULD ESSENTIALLY BE ENCLOSED ALONGWITH THE TECHNO COMMERCIAL BID. THE BIDDERS SHOULD SPECIFICALLY SUPERSCRIBE, "DOWNLOADED FROM THE WEBSITE" ON THE TOP LEFT CORNER OF THE OUTER ENVELOPE CONTAINING TECHNO-COMMERCIAL BID & PRICE BID SEPARATELY. IN NO CASE, THE TENDER COST FEE SHOULD BE MIXED WITH EMD AMOUNT. THE TENDERS NOT FOLLOWING THE ABOVE PROCEDURE WILL BE SUMMARILLY REJECTED.**

**TENDERS SHOULD BE SUBMITTED IN TWO PARTS PART-I CONTAINING TECHNO-COMMERCIAL BID IN ONE SEALED COVER AND PART-II CONTAINING PRICE BIDS/FINANCIAL BIDS (FOR EACH GROUP SEPARATELY) IN OTHER SEALED COVER. ALL THE PRE-QUALIFICATION DOCUMENTS INCLUDING EMD AS REQUIRED IN THE TENDER DOCUMENT SHOULD INVARIABLY BE ACCOMPANIED WITH THE TECHNO-COMMERCIAL BID. TENDERS SUBMITTED WITHOUT FOLLOWING AS PRESCRIBED ABOVE WILL BE SUMMARILY REJECTED.**

**Note: -**

- **Indian Implants of good quality manufactured by reputed Indian Firms with National Distributorship should apply.**
- **Implants should be ISO 9001-2000 Certified, Bureau of Indian Standard(BIS) approved, or equivalent certification and must bear the trade mark/logo of the manufacturing firm.**
- **Only unit price of the required items to be quoted**
- **The supplier should provide the Instrumentation set, gratis, for these implants whenever required.**
- **The supplier should appear for the demonstration of their quoted implants.**
- **Attested photocopy of valid Drug Licence for stockiest and distributors as per the Drugs and Cosmetics Act, should be attached**
- **The tender should be quoted by the actual manufacturer or his authorized distributors or whole sale stockiest.**
- **The authorized distributors or whole sale stockiest should also submit a latest authority letter.**
- If the above-mentioned certificates/documents are not submitted along with the tender, such offers will not be considered and will be out rightly rejected.
- Any tenderer/supplier giving false information shall be disqualified and removed from the rate contract. No business, henceforth, will be done with the firm/supplier

T. no. 94/H/2011-12

Check List of Certificates/ Documents required to be submitted in the Techno-Commercial Bid-  
Part I

The tenderer are advised to submit the following certificates under the category of “Vital documents” invariably along-with Techno-Commercial Bid. If these documents are not submitted/ conditions not met, the quotation shall be summarily rejected and no further correspondence, in this regard, shall be entertained.

- Authorization letter from the manufacturer, if the quote is not a manufacturer. (Clause no.8).
- EMD/bid amount. (Clause No. 11)
- Sales tax (now called as VAT) registration certificate (clause no.18)
- Latest sales tax (VAT) clearance certificate (clause no.18)
- Fall clause declaration (clause no.20).
- Non-black listing/non-debarring declaration (clause no.26)
- Samples of the items in original packing (clause no.26-c).
- List of organizations (clause no. 29)
- Manufacturing Licence Certificate in favor of manufacturer (clause no. 34).
- Drug Licence certificate (Clause no.35).
- Schedule – ‘A’ (Clause No. 40)



**T.N. 77/H/Ortho/2011-12**

**INDIAN IMPLANTS -FOR ORTHOPAEDICS**

Indian implants of good quality manufactured by reputed Indian Firms with National Distributorship should apply. Implants should be ISO 9001-2000 certified Beuro of Indian Standard (BIS) approved/ equivalent certification and must bear the trade mark/logo of the manufacturing firm. Only unit price of the required items is to be quoted. The supplier should provide the Instrumentation set, gratis, for these implants whenever required. The supplier should appear for the demonstration of their implants if required.

**1) Stainless Steel Plates and Screws Set**

**A) Stainless Steel Plates (4.5mm) and Screws Set**

DC Plates (Narrow) - 6 holes -12 holes

DCP Plates (Broad) - 6 holes-18 holes

Semi Tubular Plates - 6 holes to 12 holes

Reconstruction Plates -6 holes to 12 holes

Cortical Screws (4.5 mm) - 20 mm to 60 mm

Cancellous Screws (6.5mm, fully threaded) - 25mm – 110mm

Cancellous Screws (6.5 mm, partially threaded) - 25mm-100mm

**B) Stainless Steel Plates (3.5mm) and Screws Set**

DC Plate - 4 holes to 10 holes

LCDC Plates - 4 holes to 10 holes

1/3 Tubular Plates - 4 holes to 10 holes

Reconstruction Plate- 4 holes to 10 holes

Cortical Screws (3.5mm) – 8mm to 24mm

Cancellous Screws (4.0 mm, fully threaded) - 10mm-50 mm

Cancellous Screws (4.0 mm, partially threaded) - 20mm-50 mm

**C) Periarticular Plates (4.5mm and 3.5mm) and Screws Set**

T Plates (4.5mm) – 4 holes to 12 holes

L Plates (4.5mm)– 4 holes to 12 holes

L Plates (3.5mm)– 3 holes to 6 holes

Buttress Plates (4.5mm) – 4 holes to 12 holes

Cortical screws – 20 mm– 60mm

Cancellous screws, (6.0mm/4.0mm), fully threaded – 25 mm– 110 mm

Cancellous screws, (6.0mm/4.0mm), partially threaded - 25 mm– 100 mm

## **2) Titanium Plates and Screws Set**

### **A) Titanium Plates (4.5mm) and Screws Set**

DC Plates (Narrow) - 6 holes -12 holes

DCP Plates (Broad) - 6 holes-18 holes

Semi Tubular Plates - 6 holes to 12 holes

Reconstruction Plates -6 holes to 12 holes

Cortical Screws (4.5 mm) - 20 mm to 60 mm

Cancellous Screws (6.5mm, fully threaded) - 25mm – 110mm

Cancellous Screws (6.5 mm, partially threaded) - 25mm-100mm

### **B) Titanium Plates (3.5mm) and Screws Set**

DC Plate - 4 holes to 10 holes

LCDC Plates - 4 holes to 10 holes

1/3 Tubular Plates - 4 holes to 10 holes

Reconstruction Plate- 4 holes to 10 holes

Cortical Screws (3.5mm) – 8mm to 24mm

Cancellous Screws (4.0 mm, fully threaded) - 10mm-50 mm

Cancellous Screws (4.0 mm, partially threaded) - 20mm-50 mm



### **3) Titanium Locking Compression Plates and Screws Set**

#### **A) LCP Plates (4.5 mm)**

LCP Plates, Narrow, 6 holes -16 holes

LCP Plates, Broad, 6 holes - 18 holes

T-Plate LCP, 3 holes to 8 holes

T-Buttress LCP, 4 holes to 6 holes

L-Buttress LCP, left / right, 3 holes to 6 holes

Locking Reconstruction Plates, 5 holes - 16 holes

Cortical Screws, 4.5 mm, length - 14 mm to 90 mm

Cancellous Screws, 6.5mm, 16mm threaded, length 30 mm – 120 mm

Cancellous Screws, 6.5 mm, 32mm threaded + fully threaded

25mm-110mm

Locking screws – 14 mm – 90 mm

#### **B) LCP Plates (3.5 mm)**

LCP Plates, 3.5 mm, 5 holes – 12 holes

Locking T. Plates 3.5mm, right/left/oblique, 6 holes -16 holes

Locking 1/3 Tubular Plates 3.5 mm, 4 holes to 10 holes

Locking Reconstruction Plates, 5 holes – 14 holes

Cortical Screws 3.5mm, 8mm to 24mm

Cancellous Screws 4.0 mm, fully threaded, 10 mm-50 mm

Cancellous Screws 4.0 mm, partially threaded, 20 mm -50 mm

Locking screws, 18 mm - 55 mm

#### **4) Stainless Steel Locking Compression Plates and Screws Set**

##### **A) LCP Plates (4.5 mm)**

LCP Plates, Narrow, 6 holes -16 holes

LCP Plates, Broad, 6 holes - 18 holes

T-Plate LCP, 3 holes to 8 holes

T-Buttress LCP, 4 holes to 6 holes

L-Buttress LCP, left / right, 3 holes to 6 holes

Locking Reconstruction Plates, 5 holes - 16 holes

Cortical Screws, 4.5 mm, length - 14 mm to 90 mm

Cancellous Screws, 6.5mm, 16mm threaded, length 30 mm – 120 mm

Cancellous Screws, 6.5 mm, 32mm threaded + fully threaded

25mm-110mm

Locking screws – 14 mm – 90 mm

##### **B) LCP Plates (3.5 mm)**

LCP Plates, 3.5 mm, 5 holes – 12 holes

Locking T. Plates 3.5mm, right/left/oblique, 6 holes -16 holes

Locking 1/3 Tubular Plates 3.5 mm, 4 holes to 10 holes

Locking Reconstruction Plates, 5 holes – 14 holes

Cortical Screws 3.5mm, 8mm to 24mm

Cancellous Screws 4.0 mm, fully threaded, 10 mm-50 mm

Cancellous Screws 4.0 mm, partially threaded, 20 mm -50 mm

Locking screws, 18 mm – 55 mm

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## 5) Interlocking Nails (Stainless Steel)

### A) For Humerus

Humeral Nails, 6,7, – 8mm,,190-310mm

Suture holes at proximal end

Two oblique holes proximally

Antero posterior distal locking.

Locking screws – assorted sizes

End cap – assorted size

Spiral blades – assorted sizes

Proximal drill guide should be radiolucent.

Should be supplied Sterile Packed

### B) For Tibia

#### (I). Unreamed Tibial Nail

Solid nails, beveled proximal tip, 8 – 9mm, 280-380mm

With proximal transverse holes so that fractures close to the joint space can be treated by inserting oblique screws that should not compromise the Tibial plateau posteriorly.

Proximal Dynamic slot to allow compression.

Further distal hole to treat distal metaphyseal fractures

Should be supplied Sterile Packed

Proximal Drill guide should be radiolucent.

End caps, assorted sizes

Locking bolts, assorted sizes

## (II). Reamed Tibial Nail

Cannulated nail, 8 – 10mm, 300-360mm

Beveled proximal end, tapered distal tip

Two slots at both ends for locking

Locking bolts/end cap assorted sizes

## C) For Femur

### (I) Antegrade Femoral Interlocking Nail

Femoral Nails - 8mm to 14mm, Length 24 cm to 46cm

Hip Screws, 6.5mm, 60mm to 130mm

Low Profile Cortical Locking Bolts - 4.2mm, 20mm to 90mm

Suitable for interlocking and reconstruction purposes

With facility for dynamization.

Nail should be Cannulated

Should be supplied Sterile Packed

Proximal Drill Guide should be radiolucent.

### (II) Retrograde Femoral Interlocking Nail

Femoral Nails, 9 - 14mm, 160mm to 420mm

Spiral blades – 60 – 80 mm

Locking bolts,/end cap – assorted sizes

With Dynamic slot

Three closely located distal holes for Supracondylar fracture

Five Degree Distal Bend to accommodate Intercondylar Notch

Should be supplied Sterile Packed

Drill guide should be radiolucent.



## 6) Interlocking Nails (Titanium)

### 1. For Humerus

Humerus interlocking nail

Provisions for high proximal and low distal fracture fixations

Sizes: 6.7mm to 9.5mm, length 190mm to 310mm

Locking Screws 3.9mm 16mm to 60mm

Bolts/end cap

### 2 For Tibia

#### (I). Unreamed Tibial Nail

Should have anatomical shape with anticurvature and lateralization.

The Nail should be Solid/Cannulated.

9 - 11° bend in the proximal part.

The runner shaped Tapered tip

Locking options proximally 2 mediolateral and one dynamisation slot, distally 2 mediolateral , 2 antero posterior, the last slot should not be more than 10mm away from distal tip.

Sizes : 8 -10mm, length 240 to 420mm

Endcaps 0 to 25mm

## (II). Reamed Tibial Nail

Should have anatomical shape with anticurvature and lateralization.

The Nail should be /Cannulated.

9 - 11° bend in the proximal part.

The runner shaped Tapered tip

Locking options proximally 2 mediolateral and one dynamisation slot, distally 2 mediolateral , 2 antero posterior, the last slot should not be more than 10mm away from distal tip.

Sizes : 8 -10mm, length 240 to 420mm

Endcaps 0 to 25mm

### III) Tibial Nail for metaphyseal and diaphyseal fractures

Anatomically contoured nail, cannulated nail

Multiple locking options at both ends of nail

Multi directional proximal slots with provision for standard/ cancellous locking screws

Nail – 8mm-10 mm, 280mm- 410mm

Locking screws – 4.0mm, 16mm-64mm

Locking screws – 5.0mm, 24mm-64mm

End cap – 0 to 18mm

### 3 For Femur

#### I) Antegrade Femoral Interlocking Nail

Femoral Nails - 8mm to 14mm, length 240 to 460mm

Recon Screws, 5.5mm, 60mm to 130mm

Low Profile Cortical Locking Bolts - 4.2mm, 20mm to 90mm

Suitable for interlocking and reconstruction purposes

With facility for dynamization.

Nail should be Cannulated

Should be supplied Sterile Packed

Proximal Drill Guide should be radiolucent.

## II) Retrograde Femoral Interlocking Nail

Femoral Nails, 10 - 14mm, 160mm to 420mm

Locking bolts, end cap

With Dynamic slots

Three closely located distal holes for Supracondylar fracture

Five Degree Distal Bend to accommodate Intercondylar Notch

Should be supplied Sterile Packed

Drill guide should be radiolucent.

## III) Proximal Femoral Interlocking Nail

Anatomically designed for femur

Two locking options for neck

Safety provision to prevent screw slippage into femoral neck

Option for derotational hip pin

Distal slot with options of static/dynamic locking

Nail - 10- 11mm, 200 – 420mm

Neck screw – 11mm, 80 – 110mm

Hip pin – 6.5mm, 75-100mm

Locking bolts/end cap – assorted size

## 7) Condylar Blade Plate, DHS & DCS set, Nails, and Wires

a) 95° Condylar Blade Plate

Plate Sizes 5 to 14 Holes

Blade Length 50 – 80mm

**b) DHS & DCS set**

DHS Plates - 135deg – 150 deg

L 46 – 270mm, 2 to 16 holes

Barrel L 25 – 38mm

DCS Plates – 95 deg

L114 – 370mm, 6 – 22 holes

Barrel L 25mm

DHS/DCS Screws

L 65 – 110mm, Thread L 22mm

Compression Screw – 36mm

**c) K-Wires**

1.6mm dia., with trocar tip, L 150mm

2.0mm dia., with trocar tip, L 150mm

**d) K- Nails**

Stainless steel

Assorted sizes

**e) Ender Nails**

3mm – 4.5mm x 30cm to 40cm

**f) Steinmann Pins**

3.5mm – 6mm

**g) Wire Sutures**

18G to 22G

## 8) Screws, Drill Bits, and Bone Taps

### I).Screws

#### A) 7.3 mm Cancellous Screw

Deep cancellous thread with reverse cutting fluits

Threaded 16 mm, 40 mm to 120 mm

Threaded 32 mm, 50 mm to 150 mm

#### B) 6.5 mm Cancellous Screw (Stainless Steel)

Threaded 16 mm, 30 mm to 120 mm

Threaded 32 mm, 45 mm to 150 mm

Fully threaded 20 mm to 110 mm

#### C) 6.5 mm Cancellous Screw (Titanium)

Threaded 16 mm, 30 mm to 120 mm

Threaded 32 mm, 45 mm to 150 mm

Fully threaded 20 mm to 110 mm

#### D) 4.5 mm Malleolar Screw

4.5 mm Malleolar Screws (Stainless Steel)

Head & Core D 8 mm x 3 mm

L25 mm to 70 mm

Thread D 12 to 32 mm

E) Cortex Screw 3.5 mm

3.5 mm Cortex Screws ( Stainless Steel)

10 mm to 40 mm

3.5 mm Cortex Screw (Titanium)

10 mm to 90 mm

## II). Drill Bits

A) Drill bit 4.5 mm

D 4.5 mm x L 147 mm

Thread L 120 mm

B) Drill bit 4.5 mm

D 4.5 mm x L 130 mm

Thread L 115 mm

C) Drill bit 4.5 mm

D 4.5 mm x L 195 mm

Thread L 170 mm

D) Drill bit 4.5 mm

D 4.5 mm x L 180 mm

Thread L 165 mm

E) Drill bit 3.5 mm

D 3.5 mm x L 100 mm

Thread L 85 mm

F) Drill bit 3.5 mm

D 3.5 mm x L 195 mm

Thread L 170 mm

G) Drill bit 3.5 (Cannulated)

D 3.5/1.35 mm x L 160/130 mm

I) Drill bit 3.2 mm

D 3.2 mm x L 225 mm

Thread L 200 mm

J) Drill bit 3.2 mm

D 3.2 mm x L 180 mm

Thread L 165 mm

L) Drill bit 3.2 mm

D 3.2 mm x L 145 mm

Thread L 120 mm

M) Drill bit 3.2 mm

D 3.2 mm x L 130 mm

Thread L 115 mm

N) Drill bit 2.8 mm

D 2.8 mm x L 165 mm

O) Drill bit 2.7 mm

D 2.7 mm x L 100 mm

Thread L 75 mm

P) Drill bit 2.7 mm

D 2.7 mm x L 85 mm

Thread L 70 mm

Q) Drill bit 2.7 mm

D 2.7 mm x L 125 mm

Thread L 100 mm

R) Drill bit 2.7 (Cannulated)

D 2.7/1.35 mm x L 160/130 mm

S) Drill bit 2.5 mm

D 2.5 mm x L 95 mm

Thread L 70 mm

T) Drill bit 2.5 mm

D 2.5 mm x L 112 mm

Thread L 85 mm

U) Drill bit 2.0 mm

D 2.0 mm x L 102 mm

Thread L 75 mm

V) Drill bit 2.0 mm

D 2.0 mm x L 85 mm

Thread L 70 mm

W) Drill bit 2.0 mm

D 2.0 mm x L 125 mm

Thread L 100 mm

X) Drill bit 1.5 mm

D 1.5 mm x L 70 mm

Thread L 55 mm

Y) Drill bit 1.5 mm

D 1.5 mm x L 85 mm

Thread L 60 mm

Z) Drill bit 1.5 mm

D 1.5 mm x L 110 mm

Thread L 85 mm

ZI) Drill bit 1.1 mm

D 1.1 mm x L 45 mm

Thread L 30 mm

ZII) Drill bit 1.1 mm

D 1.1 mm x L 60 mm

Thread L 35 mm<sup>135</sup>

### **III). Bone Taps**

3.5mm, 4mm, 4.5mm & 6.5mm



## 9) Implants for Hip Arthroplasty

A) Austin Moore Prosthesis for hip  
Head size 39mm – 55mm

B) Bipolar hip prosthesis Non Modular  
Size 39 to 53

Cemented and cementless

C) Bipolar hip prosthesis Modular  
Should consist of

Femoral stem

Acetabular head

Bipolar cup with liner

Bone cement low viscosity 2 packets

Cement restrictor 8mm- 14mm

## 10) Arthroscopic Implants for Knee and Shoulder Joints

- 1) Trans Fixation Pin (Titanium)  
3mm-5mm x 45mm-50mm
- 2) Trans Fixation (Stainless steel)  
4mm-5mm x 45mm-50mm
- 3) Interference Screws (Titanium)  
Cannulated  
7mm-11mm x 20mm-35mm
- 4) Interference Screws (Stainless steel)
- 5) Interference Screws (Bioabsorbable)  
Round head, Cannulated  
7mm- 1.0mm x 20mm- 35mm
- 6) Ligament Staple (Titanium)  
8mm - 20mm x 11mm - 20mm
- 7) Ligament Staple (Stainless steel)  
8mm - 20mm x 11mm - 20mm
- 8) Endo Buttons (Titanium)  
3mm-4mm x 9mm-18mm
- 9) Endo Buttons (Stainless steel)  
3mm-4mm x 9mm-18mm
- 10) Suture Washers/Disc (Titanium)  
For graft fixation, 12mm- 18mm x 12mm- 20mm
- 11) Suture Washers / Disc (Stainless steel)

For graft fixation, 12mm- 18mm x 12mm- 20mm

12) Suture post (Titanium)

Flat head, Low profile screw

7mm- 10mm x 20mm- 35mm

13) Suture Anchors (Titanium)

2.3mm to 6.8m

14) Arthroscopic Electrodes

Compatible with bipolar cautery consoles

90°, L- Hook

**11) Custom made Implants**

1. Custom Made Prosthesis for Distal Femur

Assorted sizes

2. Custom Made Prosthesis for Proximal Tibia

Assorted sizes

3. Custom Made Prosthesis for Proximal Femur

Assorted sizes

4. Custom Made Prosthesis for Proximal Humerus

Assorted sizes

## 12) Implants for Spinal Surgery

### A) Implants compatible with Indian titanium Instrumentation

The Screw Design should be compatible with 5mm Rod.

It should have Innie / Outie and Single Lock option with torque device available.

It should be compatible with MM Instrument available in OT.

It should have an option of MIS also.

It should be available in assorted Dia like 4.5mm, 5mm, 6mm, 7mm and Length of 25, 30, 35, 40, 45 and 50mm.

Axial Connector 4/5 and 5/5.

Transverse Connector.

Tapered Rod 3/4/5mm, and 4/5mm

Titanium Rod 5 mm x 480 mm

Hooks- Laminar, paedicular, Offset

Pelvic/ Iliac screws and pelvic fixation devices

Long screws

Reduction screws

Vertical titanium Mesh Cages (all sizes)

Titanium Mesh 18, 22, 28mm ( Varied Lengths )

Ti Mesh Size 13 X 70mm

Ti Mesh Sz 16 X 60mm

Ti Mesh Sz 19x 90mm

Ti Mesh Sz 10 x 100mm

Ti lordotic mesh 13 x 130 curved

MESH 22X28MM OVAL 15MM HEIGHT

MESH 22X28MM OVAL 50MM HEIGHT

MESH 22X28MM OVAL 70MM HEIGHT

MESH 22X28MM OVAL 90MM HEIGHT

MESH 26X35MM OVAL 90MM HEIGHT

Carbon Cages – Banana shaped – all sizes

Expandable Titanium cages – assorted sizes

Staples should be made from original titanium in four prong design.

The staple should be universal designed to cross the screw of various dia sizes i.e. 4.5mm, 5mm, 6mm, and 7mm.

The double hole staple should be made in various types like small, medium, large and extra large.

It should be double hole 4 prong.

It should have single hole 3 prong.

The original open implant should be made available for demonstration at the time of technical evaluation

### 13) External Fixations Set

#### 1. Tubular External Fixator System (in different combination as required)

Universal Clamp

Rods 6" to 16"

Rod to Rod Clamp

Schanz Pin 45 mm cortical

Schanz Pin 6.0 mm cancellous

Spanner 10/11

#### 2. Ring Fixator (external) System (in different combination as required)

Stainless steel rings ½ rings – 80 mm to 240 mm

Carbon ½ rings 60 – 180 mm

Threaded Rod 4" to 14"

Italian Arch assorted – 1400, 1600, 1800, 2000

Single pin Fixator central slot, side slot

Nut – 6 mm

Oblique Support

Female Posts 2 hole, 3 hole, 4 hole

Male Posts 2 hole, 3 hole, 4 hole

Hinges Male

Hinges Female

Hingers 900

Short Connection Plates 5-12 holes

Twisted Plates 1-4 holes

Threaded Sockets

Olive Wires – 1.8 mm, 15 mm

K Wires Trocar tips 1.8 mm, 1.5 mm

K Wires Bayonet tips

Wire Fixation Bolts

Connecting Bolts 15 mm, 20 mm, 25 mm

Washers

Dynamometric tensioner, wire tensioner

3. JESS Fixator small - assorted sizes  
JESS Fixator medium - assorted sizes  
  
JESS Fixator large - assorted sizes