

# All India Institute of Medical Sciences

Rishikesh-249203



**Tender document for procurement of 4k Arthroscopy system for  
Department of Orthopaedics, AIIMS Rishikesh**

Ref. No. : 24/4k Arthroscopy/Ortho/724/2024-Rish (Admn)

Publishing Date : 03.01.2024

Pre-Bid Meeting : 09.01.2024 (4 PM)

Bid Submission Start Date : 03.01.2024

Last Date of Bid Submission : 23.01.2024

Bid Opening : 24.01.2024

Tender documents may be downloaded from institute's web site [www.aiimsrishikesh.edu.in](http://www.aiimsrishikesh.edu.in)  
(for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app>

**TENDER NOTICE**

**for**

**Procurement of the equipment 4k Arthroscopy system for Department of Orthopaedics,  
AIIMS Rishikesh- 249203**

Dated: .....

E-tenders in Two Bids (Technical & Financial) basis are invited on behalf of the Director, All India Institute of Medical Sciences, Rishikesh from interested and eligible manufacturer or their authorized distributors/dealers for providing the item 4k Arthroscopy system for Department of Orthopaedics, AIIMS Rishikesh.

**Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>.**

1. The complete bidding process is online. Bidders should be in possession of valid Digital Signature Certificate (DSC) for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above. For any assistance for e-bidding process, if required, bidder may contact to the helpdesk at 0135-2462915.

2. Tenderer/Contractor/Bidders are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer/Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>'.

3. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

**4. Tender fee- Zero.**

5. **EMD (Bid security deposit)- Rs. 1,50,000.** Hard Copy of EMD must be delivered to AIIMS Rishikesh on or before last date/time of Bid Submission. The bid without EMD will be summarily rejected. The scanned copy of the EMD instrument must be attached with the technical bid.

6. The tender shall be submitted online in two part, viz., technical bid and financial bid. All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

**The offers submitted by Fax/email shall not be considered. No correspondence will be entertained in this matter.**

7. Any future clarification and/or corrigendum(s) shall be communicated through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app> or AIIMS, Rishikesh website: [www.aiimsrishikesh.edu.in](http://www.aiimsrishikesh.edu.in). The bidders are required to regularly check the website to know about any/all such corrigendum(s) as only these bids, taking care of such corrigendum(s) shall be considered for finalisation of the tender.

8. Bidder should necessarily enclose a covering letter mentioning a summary of applied documents with proper numbering. Secondly, the bidder should attach a compliance sheet as per specification given in Tender document and corrigendum published in this regard, if any; mentioning that whether their bid complies with all the specifications or have any variation; in case there is any variation, it should be mentioned clearly.

9. The pre bid meeting would be held on ..... **2024 at 03.00 PM** in the office of Tender Opening Room, AIIMS, Rishikesh. All firm's representative who are attending the pre bid meeting, shall produce an authorization letter from their firm on the firm's letter head. They are required to put their query in writing before the committee and submit the same in writing on their Firm's letter head.

10. All the duly filled/completed pages of the tender should be given serial /page number on each page and signed by the owner of the firm or his Authorized signatory. In case the tenders are signed by the Authorized signatory, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the

terms & conditions shall be signed on each page and submitted with the technical bid as token of acceptance of terms & conditions. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected out rightly.

11. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates should be filled up carefully by the tenderer. All corrections in this schedule must be duly attested by full signature of the tenderers. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.

12. **Bid Security/ EMD:** EMD amount Rs. 1,50,000 is to be submitted.

13. Bidders are not allowed to submit more than one bid for the same/similar tendered item else all his bids shall be cancelled thereby making him disqualified.

14. The successful bidder has to execute a contract on Indian non judicial stamp paper of Rs.100/- (Rupees one hundred only) within twenty-one (21) days from the date of award of this tender in his favour and also required to furnish the **Performance Security Deposit @ 03%** of contract value in the form of FD/BG/TD/CD valid for **three months extra of the contract period**, from any Nationalized/Schedule bank duly pledged in favour of AIIMS, Rishikesh & payable at Rishikesh only.

15. The Performance Security Deposit shall be forfeited if successful bidder fails to supply the goods/equipment in stipulated time or fails to comply with any of the terms & conditions of the contract or fail to sign the contract.

16. The bid shall be valid and open for acceptance by the competent authority of AIIMS Rishikesh for a period of 180 (one hundred eighty) days from the published date of opening of the tender and no request for any variation in quoted rates and / withdrawal of tender on any ground by bidders shall be entertained.

17. To assist in the analysis, evaluation and computation of the bids, the Competent Authority, may ask bidders individually for clarification of their bids. The request for Clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.

18. After evaluation, the work shall be awarded normally to the Agency fulfilling all the conditions of the contract and who has quoted the lowest price as per financial bid after complying with the all the Acts / provisions stated / referred to for adherence in the tender.

19. The competent authority of AIIMS, Rishikesh reserves all rights to accept or reject any/ all tender(s) without assigning any reason. It can also impose/relax any administrative term and condition/specifications of the tender enquiry after due discussion in pre-bid conference. This will be communicated and shown over the website of the Institute. No representation will be considered after pre-bid meeting and **bidders may ensure its queries only in pre-bid meeting**. AIIMS, Rishikesh also reserves the right to reject any bid which in his opinion is non-responsive or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the bidder in the process.

20. Tender must be submitted on the prescribed Tender Form otherwise tender will be cancelled straightway.

21. The tender form is not transferable.

22. Canvassing in any form is strictly prohibited and the tenderers who are found canvassing are liable to have their tenders rejected out rightly.

23. It is required by all concerned, namely the Bidders/Suppliers, as the case may be to observe highest standard of ethics during the procurement and execution of this Tender.

24. Installation at consignee's site should be free of cost immediately on arrival of equipment at consignee's site.

25. In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay. The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description / specifications and liquidates damages shall be charged in addition to the cost of re- tender. The supplier is required to provide the demonstration of equipment at AIIMS premises to the AIIMS representatives for its evaluation as per the specification & desired functionality standard. However, a submission of videography displaying functionality as per tender specification may also be considered by the AIIMS representative.

26. In case the bidder on whom the supply order has been placed, fails to make supplies within the delivery schedule and the purchaser has to resort risk purchase, the purchaser (AIIMS, Rishikesh) may recover from the tender the difference between the cost calculated on the basis of risk purchase price and that calculated on the basis of rates quoted by tenderer. In case of repeated failure in supplying the order goods the supply order may be cancelled and Performance security deposit will be forfeited.

27. Where the specifications are as per tenderer's range of products the tenderer's offer should mention that the item meets all specifications as per the tender enquiry and if there are improvements/deviations the same should be brought out on separate Letter Head of the firm. It would be discretion of the competent authority of the institute to accept or reject such deviations which are not in accordance with our required specifications as given below the financial bid.

28. It must be mentioned clearly whether bidder is a manufacturer/sole distributor/ sole agent for the items for which he is quoting.

- a. **Manufacturer** must add a certificate that item(s) is manufactured by them as per range of products.
- b. **Sole Manufacturers** must add a certificate that they are the sole manufacturer of the Item for which they are quoting in this tender enquiry & item is /are their proprietary Item in India. The rate certificate is also required from the sole manufactures that the Rates quoted are the same as they quote to other State/Centre Govt./reputed Private Organisation and DGS&D rate for the similar item(s) and these are not higher than those quoted by them.
- c. **Authorized agents** must add authority letter from their Manufacturer/Principals on the letter head of the manufacturer/principals signed by a competent person and comes in Proforma given in attach must duly supported by a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- (Rupees ten only) that they are quoting Rates on behalf of them. The authorization letter must give/mention the purpose for which it is allowed. The validity period of the authorization letter must be mentioned in the authority letter otherwise tender will be liable to rejection.

29. The bidders should have furnished a copy of GST/S.T. /C.S.T. registration number, the State / U.T. of registration and the date of such registration. Tenders not complying with this condition will be rejected.

30. **Turnover provisions:** - (i) The tenderers should submit along with the tender, a photo copy of the last three years Annual Accounts with Audit certificate by Chartered Accountant, Income Tax returns and a copy of current valid income tax clearance certificate (IT CC), otherwise bidder will not be considered for administrative evaluation (in evaluation of Technical bid) and will be declared disqualified in technical evaluation.

- (ii) In case of bidder falls under Section 44AD/44ADA/44AE of Income Tax shall be required to submit turnover certificate verified by Chartered Accountant with his Registration number issued by Institute of Chartered Accountants of India.

(iii) In case of supplier is an Indian Agent, the firm can submit copies of purchase orders issued in favour of firm (*As the payment is made through LC directly to foreign manufacturer and equipment payment does not exist in the book of account of the supplier*) in support to its turnover whatever amount is getting short.

(iv) There will be relaxation on turnover on *case to case* basis for **Start-up firms** registered by Government of India under Start-ups scheme as per orders of Ministry of Commerce, Government of India.

31. **Sample/demonstration:** - In case, the item required prior submission of sample/ performing demonstration, tenderer will have to submit sample/perform demonstration of the equipment/item to the competent authority of the institute, the bidder will have to bear all the expenses for the same. Non submission of sample/non performing demonstration will disqualify the bidder in the technical bidding process and financial bid of the bidder will not be opened.

32. The tenderer hereby guarantees that the equipment supplied to the Institute (purchaser) under the Contract shall be of the best quality/latest version and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained/ mentioned in the Tender Document. The date of manufacturing of the equipment/goods supplied will not be more than 3 (Three months) old. The tenderer will have further guarantees that the said equipment would continue to conform to the description and quality aforesaid for a period of five (5) years guarantee period (As per MoH&FW guidelines), from the date of installation of the said equipment to the purchaser and notwithstanding the fact that the Purchaser (Inspector) may have inspected and /or approved the said equipment, if during the aforesaid period of five years the said equipment be discovered not to conform to the description and quality as required as per specification or not giving satisfactory performance or have deteriorated, the decision of the purchaser in that behalf shall be final and binding on the tenderer and the Purchaser shall be entitled to call upon the tenderer to rectify the equipment or such portion thereof as is found to be defective by the purchaser within a reasonable period or such specified period as may be allowed by the purchaser in his discretion on/an application made thereof by the tenderer and in such an event, the above mentioned warranty period shall apply to the equipment replaced from the date of replacement thereof. In case of failure of the tenderer to rectify or replace the equipment, within specified time, the purchaser shall be entitled to recover the cost with all expenses from the tenderer for such defective equipment.

33. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender, failing which, the tender will not be considered. The tenderer must also mention whether the goods are imported/ indigenous. Descriptive literature /catalogues must be attached with the tender in original, failing which, tender may be disqualified.

34. **Force Majeure:** Any failure or omission to carryout of the provisions of this supply by the suppliershall not give right for any claim by supplier and purchaser to one against the other, if such failure or omission arise from an act of God which shall include all acts of natural calamities from civil strikes compliance with any statistics and or requisitions of the Government lockout 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 of incarceration provided that notice of the occurrence of any event by either party to the other shall be within two weeks from the date of occurrence of such an event which could be attributed to force majeure. Any delay due to Force Majeure will not be attributable to the either of the parties.

35. The equipment installed should be up for 95% of the total warranty time. If the equipment is down for more than 5% suitable action shall be taken against the supplier including imposition of penalty as deemed fit.

36. If there is a close system the tenderer shall ensure and will have to submit an affidavit on Indian Non Judicial stamp paper of Rs.10/- along with technical bid that spare parts and consumables for these equipment's/instruments/item will be available at reasonable fixed rates for next 10 (ten) years, such rates should not be more than the rates supplied toinstitutes of national importance.

37. The successful Bidder shall at all times agree to indemnify and keep indemnified the purchaser against all losses, damages which may arise in respect of action/inactions of such Bidder or breach of any term of this tender by such Bidder. All claims regarding indemnity shall survive the termination of the contract with such Bidder.

40. In case the vendor fails to supply the spare parts or fails to provide the agreed maintenance during the prescribed period, as per the terms of contract, the purchaser is automatically entitled to procure the required parts and hire services from the market at the risk and cost of the vendor, such inability of bidder will entail forfeiture the security deposit. The purchaser also reserves the right to terminate the contract on immediate notice, if the vendor fails to comply with this clause for more than one instance.

41. **Liquidated damage/demerge:** - The time for the date of delivery/ dispatch stipulated in supply order shall be deemed to be the essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the supply order, liquidated damages may be deducted from the bill @ 0.5% per week subject to maximum of 10% of the value of the delayed goods or services under the contract. The competent authority of the institute may also cancel the supply at the cost & liability of the supplier. The supply of equipment must be in single consignment, inclusive of all parts & accessories in adherence to the specification so as to make the equipment fully functional at the time of the installation. No installation report shall be signed in case of absence of any part as per the specification.

42. **Legal Jurisdiction:** -The Courts at Rishikesh/ Dehradun alone and no other Court will have the jurisdiction to try the matter, dispute or reference between the parties arising out of this tender/supply Order/contract.

**Applicable Law:**

43. The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing.

44. Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Rishikesh/Dehradun, Uttarakhand India only.

45. Except as otherwise provided under this Contract for immediate termination of the Contract, in the event of a disputes which may be arising out of the execution of the tender contract, the matter will be referred to the Deputy Director (Administration). Appeal against the decision of the DDA will lie to the Director, AIIMS Rishikesh and his decision shall be final and binding upon both the parties.

46. At the time of awarding the contract, the purchaser reserves the right to increase or decrease up to twenty-five (25%), the quantity of goods (round of to next whole number) without any change in the unit price and other terms & conditions quoted by the bidder.

I / We hereby accept the terms and Conditions given in the tender

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*(Signature & Stamp of the bidder)*

*Note- Please sign each page of document including terms & conditions & tender*

**(B) Financial terms and conditions**

1. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
2. Rates quoted should be inclusive of all applicable taxes, packing, forwarding, postage and transportation charges at for AIIMS Rishikesh (Site of installation/Use). Rates should be mentioned both in figures and in words.
3. The supplier has to submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- that the bidder has not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in recent past. Therefore, if at any stage it has been found that the supplier has quoted lower rates than those quoted in this tender; the Institute (the purchaser) would be given the benefit of lower rates by the Supplier and any excess payment if any, will become immediately payable to the AIIMS, Rishikesh. If such affidavit is not submitted, tender will be out rightly rejected. **(Part of technical bid)**
4. **Guarantee / Warrantee Period:** The Tenderers must quote for 5 years' comprehensive warranty (Including all Spares, Accessories software application, if any and Labour) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected. Also the bidders are requested to submit their quote (Rates) for subsequent 5 years Comprehensive Maintenance Contract (CMC) (Including All Spares, Accessories software application, if any and Labour). Failure to comply this condition will entail the rejection of the bids. The price comparison shall be taken into account on basic price and post warranty CMC.
5. **Custom Clearance:** For the Goods to be imported and supplied, the Institute will provide Custom Duty Exemption Certificate (CDEC) to successful bidder for availing concessional rate of duty as per prevailing Custom Tariff. In case, the bidder requires CDEC certificate, then the same should be specifically mentioned in the bid. The supplier is solely responsible for getting the material clearance from customs. Institute will provide all custom documents for custom clearance on the demand of supplier. The supplier undertakes to fully co-operate to avoid any fine, demurrage or other charges and shall indemnify AIIMS Rishikesh in case of any such failure. Transportation of goods up to AIIMS, Rishikesh and its successful installation and commissioning demonstration (and training, ifrequired) is also the responsibility of the supplier. All charges/ expenses incurred in this process will be borne by the supplier and after submission of deposit slips of custom clearance and transportation charges will be reimbursed to the supplier if said provisions are to be shown separately in the financial bid.
6. **Payment terms:** -If the supplier supplied the requisite item within stipulated time and installation is pending on the part of AIIMS Rishikesh on various reasons, up to 90 *per cent* payment against supply can be made by the AIIMS Rishikesh on the case wise only, but will not be considered as precedence in all cases.  
**(A) Payment Term for Imported goods:** For imported goods payment shall be made in the following manner:
  - a) On shipment: 75 % payment of the contract price shall be paid 60 days after presentation of shipping documents {goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country} and upon the submission of the following documents: -

- I. Four copies of Supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
  - II. Original and four copies of the clean, on-board Bill of Lading/ Airway bill, marked freight prepaid and four copies of non-negotiable Bill of Lading/Airway bill.
  - III. Insurance Certificate;
  - IV. Certificate of origin by the chamber of commerce of the concerned country;
  - V. Certificate of country of origin;
  - VI. Manufacture's / Supplier's warranty certificate;
  - VII. Manufacturer's own factory inspection report.
- i. **On Acceptance:** 25 % payment would be made after satisfactory installation, commissioning, demonstration and training, if required on issuance of Inspection certificate by the AIIMS, Rishikesh.

**B) PAYMENT TERMS FOR INLAND GOODS**

(Seventy-five) 75% Payment of the contract price shall be paid on receipt of goods condition and upon the submission of the following documents: -.

- (i) One Original and Four Copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount.
- (ii) Final Acceptance as per Inspection report issued by faculty.
- (iii) Two copies of packing list identifying contents of each package.
- (iv) Inspection Certificate issued by the user concerned department.
- (v) Final Acceptance Certificate issued by the Institute

**On Acceptance: -**

- (i) Balance Twenty-Five (25) % payment would be made against 'Final Acceptance Certificate' as per Para (B) (i) &(v) of goods to be issued by the consignee's subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.

7. **L1 Clause:** L1 firm will be decided on the basis of Total Price in addition with the CMC charges quoted by the firm. The CMC charges should be quoted separately in format provided in pdf.

NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE INSTITUTE UNDER ANY CIRCUMSTANCES. NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM CLEARANCE/ FREIGHT/INSURANCE ETC

**Note: In case of any dispute regarding award of tender, decision of AIIMS Administration would be final.**

I / We hereby accept the terms and Conditions given in the tender

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*(Signature & Stamp of the bidder)*



**TECHNICAL BID**

**(Checklist -Documents to be attached with the “Technical Bid”)**

1. Name, full Address, telephone/mobile number, Email Id of the manufacturer and their authorised dealers/ distributors/Agency.	
2. Specify your firm/company is a manufacturer/ authorised dealer/ distributor/ Agency.	
3. Whether the signature on each page of the tender document and other relevant documents has been made by the bidder or not. ( <b>Signature on each page of tender document and other document is necessary</b> )	
4. Name, Address & designation of the authorized person(s) (Sole proprietor/partner /Director)	
5. Clarification/declaration of Power of Attorney/authorization for signing the bid documents (It is not required in case of sole-proprietorship.)	
6. PAN No. (Please attach scanned copy)	
7. GST/VAT/Service Tax Registration Number. (Please attach copy)	
8. Please attach copy of last three year’s Income Tax Return.	
<p><b>9. Turnover</b></p> <p>a. Please attach balance sheet (duly certified by Chartered Accountant) for last three (3) years (average of turnover for last three years should <b>not be less than Rs. 50,00,000</b> (Rupees Fifty lakhs only). Submit last three years’ turnover statement duly certified by the Chartered Accountant <b><u>in the format shown in Annexure- A</u></b>).</p> <p>b. The bidder falls under Section 44AD/44ADA/44AE of Income Tax Act shall be required to submit turnover certificate verified by Chartered Accountant with his Registration number issued by Institute of Chartered Accountants of India.</p> <p>c. Indian Agent can submit its copy of POs of LC cases, in support of its amount getting short in required turnover.</p> <p>d. Start-ups may submit its Start-up Registration for consideration (<i>Relaxation in turnover can be considered as the case may be, subject to fulfilment of other conditions. However, it will not be mandatory</i>)</p>	
10. Please provide a notarised affidavit on Indian Non Judicial stamp paper of Rs. 10/- <b><u>in the format given in Annexure-1</u></b> that you have not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D/GeM rate in <b>last two years</b> . If you don’t fulfil this criterion, your tender will be out rightly rejected.	
11. Please submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- <b><u>in the format given in Annexure- 2</u></b> that they will provide complete warranty for all equipment/items for 5 (five) years followed by CMC for further 5 (five) years of these equipment/items.	
12. Please furnish a notarised affidavit on Indian Non judicial stamp paper of Rs.10/- <b><u>in the format given in Annexure- 3</u></b> that they will supply spare parts& consumables for next 10 years at reasonable price by submission of suitable benchmarks.	
13. Please submit a notarised affidavit on Indian Non judicial stamp paper of Rs. 10/- <b><u>in the format given in Annexure- 4</u></b> that no case is pending with the police against the Proprietor/firm/partner or the Company (Agency). Indicate any convictions in the past against the Company/firm/partner.	
14. Please declare that proprietor/firm/company is not blacklisted/debarred by any Organization during bid submission period. An oath certificate to this effect may be enclosed on Rs.10 notarised Indian Non Judicial stamp paper <b><u>in the format given in Annexure- 5</u></b>	
15. Please submit a notarised affidavit for miscellaneous declarations on Indian Non Judicial stamp paper of Rs. 10/- <b><u>in the format as given in Annexure- 6</u></b> .	
16. Have you previously supplied these items to any government/ reputed private organization? If yes, attach the relevant poof.	
17. Please submit two performance certificate from your two different customers to whom you have supplied such equipment during last 3 years	
18. Acceptance of terms & conditions attached (Yes/No). Please sign each page of terms and conditions as token of acceptance and submit as part of tender document with technical bid. Otherwise your tender will be rejected.	
19. EMD (Bid Security amount)- Rs. 1,50,000/- in the form of FD, BG, TD, CD. Scanned copy of EMD is also to be attached.	Tender Fee- Nil

**ANNUAL TURNOVER STATEMENT**  
(At the Letter Head of Chartered Accountant)

I/We have examined the books of account and other relevant records of ..... (bidding firm name), having its registered office at ..... (full address of bidding firm) and do hereby certify that:

(1) Annual gross turnover as per Annual Accounts of the firm for last three years is as under-

Sl. No.	Financial Year	Turnover (In INR)
1.	2020- 2021	.....
2.	2021- 2022	.....
3.	2022- 2023	.....

(2) Average turnover of the firm for last three financial years is Rs. ....

Signature of CA (with stamp of Firm) .....

Name- .....

(Registration No .....)

**(Chartered Accountant)**

**UDIN No.-** .....

**Date-** .....

**Place-** .....

**NOTARISED AFFIDAVIT**  
(On Rs. 10/- Non-Judicial Stamp Paper)

**TENDER NO.**

I, undersigned..... (name).....(designation)..... , duly authorised representative of.....(name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

Proprietorship/Firm/Company/Agency **has not quoted price in this Tender higher than one** at which goods/services were previously supplied to any government Institute/ Organisation/ reputed Private Organisation or DGS&D rate in last two years. If at any stage it is found that the firm (bidder) has quoted lower rates to any Govt./ Private Institute, Bidder shall be liable to payback access value to AIIMS Rishikesh. AIIMS Rishikesh further reserves right to impose suitable penalty shall be made by AIIMS Rishikesh.

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature: .....

Name: .....

Designation: .....

Aadhaar No: .....

Email Id: .....

Mobile No: .....

Landline No: .....

Fax No: .....

Address: .....

*(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)*

**NOTARISED AFFIDAVIT**

(On Rs. 10/- Non-Judicial Stamp Paper)

**TENDER NO.**

I, undersigned..... (name).....(designation)..... , duly authorised representative of..... (name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

Undersigned undertake to provide **complete warranty** for all equipment / items for 5 (five) years followed by **CMC for further (5) five years (6<sup>th</sup> to 10<sup>th</sup> years)** for these equipment/ items. **(This affidavit is not applicable for services tender and tender for consumable items.)**

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature: .....

Name: .....

Designation: .....

Aadhaar No: .....

Email Id: .....

Mobile No: .....

Landline No: .....

Fax No: .....

Address: .....

*(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)*

**NOTARISED AFFIDAVIT**

(On Rs. 10/- Non-Judicial Stamp Paper)

**TENDER NO.**

I, undersigned..... (name).....(designation)..... , duly authorised representative of..... (name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

We undertake that we will supply spare parts and consumables for next 10 years at reasonable price by submission of suitable benchmark of Institute of national importance/ reputed institute. **(This affidavit is not applicable for services tender and tender for consumable items.)**

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature: .....

Name: .....

Designation: .....

Aadhaar No: .....

Email Id: .....

Mobile No: .....

Landline No: .....

Fax No: .....

Address: .....

*(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)*

**NOTARISED AFFIDAVIT**

(On Rs. 10/- Non-Judicial Stamp Paper)

**TENDER NO.**

I, undersigned..... (name).....(designation)..... , duly authorised representative of.....(name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

**No criminal case is pending with the Police** against our Proprietorship/Firm/Company/Agency or any of its authorized signatories.

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature: .....

Name: .....

Designation: .....

Aadhaar No: .....

Email Id: .....

Mobile No: .....

Landline No: .....

Fax No: .....

Address: .....

*(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)*

**NOTARISED AFFIDAVIT**

(On Rs. 10/- Non-Judicial Stamp Paper)

**TENDER NO.**

I, undersigned..... (name).....(designation)..... , duly authorised representative of.....(name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

Proprietorship/Firm/Company/Agency is not **blacklisted/ debarred** by any organization during bid submission period.

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declaration is true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature: .....

Name: .....

Designation: .....

Aadhaar No: .....

Email Id: .....

Mobile No: .....

Landline No: .....

Fax No: .....

Address: .....

*(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclosed)*

**NOTARISED AFFIDAVIT**

(On Rs. 10/- Non-Judicial Stamp Paper)

**TENDER NO.**

I, undersigned ..... (name).....(designation)....., duly authorised representative of ..... (name of Proprietorship/Firm/Company/Agency) hereby undertake, affirm, confirm and declare that-

1. Undersigned is fully competent and authorised from Proprietorship/Firm/Company/Agency to make this Affidavit to bind such Proprietorship/Firm/Company/Agency.
2. All details/information/documents furnished by Proprietorship /Firm/ Company/Agency in bid document is true and correct.
3. Proprietorship/Firm/Company/Agency is fully solvent and legally/financially competent to perform terms and conditions of Tender.
4. Proprietorship/Firm/Company/Agency is duly registered under various relevant government notifications and all dues have been paid as on date.
5. Proprietorship/Firm/Company/Agency hereby agrees and fully understands that notwithstanding anything contrary contained in Tender document and without prejudice to any of the rights or remedies of AIIMS Rishikesh, AIIMS Rishikesh shall be entitled in its sole discretion to determine that a bidder is to be disqualified at any stage of the process and its participation in Tender process and/or its Technical Proposal and/or Financial Bid dropped from further consideration for any reasons.

Undersigned, on behalf of Proprietorship/Firm/Company/Agency does hereby solemnly declare and affirm that the above declarations are true and correct in all respects and we hold responsibilities for the same. No part of it is false and nothing has been concealed. Any false/incorrect submission shall make Proprietorship/Firm/Company/Agency as well as undersigned personally liable for all civil/criminal obligations including complaint to police and other authorities.

Deponent Signature: .....

Name: .....

Designation: .....

Aadhaar No: .....

Email Id: .....

Mobile No: .....

Landline No: .....

Fax No: .....

Address: .....

*(Copy of Authorisation Letter from Proprietorship/Firm/Company/Agency enclose*



**Undertaking**

1. I/We have read and understood the contents of the Tender and agree to abide by the terms and conditions of this Tender.
2. I/We shall supply the items of requisite quality and quantity at given rate in timely manner.
3. I /We also confirm that in the event of acceptance of my/ our bid, I /we hereby undertake to furnish required performance security deposit amount within 21 days of issue of LOA (Letter of Award) as well as will execute the contract(s) within stipulated time as given by AIIMS Rishikesh, as pre condition for obtaining the supply order(s).
4. I/We further undertake that none of the Proprietor/Partners/Directors of the firm was or is Proprietor or Partner or Director of any firm with whom the Government have banned /suspended business dealings. I/We further undertake to report to the AIIMS Rishikesh immediately after we are informed but in any case not later 15 days, if any firm in which Proprietor/Partners/Directors are Proprietor or Partner or Director of such a firm which is banned/suspended in future during the currency of the Contract with you.
5. I/We undertake that the information given in this tender are true and correct in all respect and I/We hold the responsibility for the same.

(Signature of the Bidder)

Name:

Designation with Seal of the Firm:

**Tender document for procurement of 4k Arthroscopy system for Department of Orthopaedics,  
AIIMS Rishikesh**

**Chapter-II (Schedule of requirements)**

**Table-I**

**Details of items & their tentative quantity**

S. No.	Item	Quantity	Bid Security/ EMD
1	<u>Tender document for Procurement of 4k Arthroscopy system for Department of Orthopaedics, AIIMS Rishikesh</u>	01	Rs. 1,50,000/-

**Important monetary requirements and details**

S. No.			Remarks
1.	Tender Fee	Zero	.....
2.	EMD/Bid security	Rs. 1,50,000	In the form of FD, BG, TD, CD
3.	Turnover Criteria	Rs. 50 lakhs (minimum)	Average of last three FY (2020-21, 21-22, 22-23)
4.	Performance Security deposit amount	@ 3 % of contract value	In the form of FD, BG, TD,  CD

**Note:**

(a) This tender document complies with Public procurement policy for Micro and Small Enterprises(MSEs) Order 2012 issued by MoSME.

(b) As per clarification sought from ministry of MSME vide F.no.21(11)/2018- MA dated 31st December 2018, "Traders /Sole Agents/ Distributors are excluded to avail the facilities/ benefits extended under the Public Procurement for Micro and Small Enterprises (MSMEs)." (Ref: As circulated in Office Memorandum No. F.No.22(1)/2012-MA dated 24th October, 2016 in FAQs, Question No. 18.)

(c) This tender document complies with Public Procurement (preference to Make in India) order 2017 issued by DIPP.

**MANUFACTURER's / PRINCIPAL's AUTHORIZATION FORM**

(Clause 11 (c) of **other terms and conditions** of the tender)

To

The Administrative Officer,  
All India Institute of Medical Sciences  
Rishikesh

Dear Sir,

TENDER: \_\_\_\_\_.

we, \_\_\_\_\_, who are established and reputable manufacturers of \_\_\_\_\_, having factories at \_\_\_\_\_ and \_\_\_\_\_, hereby authorize Messrs. \_\_\_\_\_ (*name and address of agents*) to bid, negotiate and conclude the contract with you against Tender No. \_\_\_\_\_ for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per the conditions of tender contract for the goods offered for supply against this tender by the above firm.

The authorization is valid up to \_\_\_\_\_

Yours faithfully,

(Name)

For and on behalf of Messrs. \_\_\_\_\_  
(*Name of manufacturers*)/Principal.

**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC  
SECURITY**

To

**The Administrative Officer**  
All India Institute of Medical Sciences  
Rishikesh,  
Virbhadr Marg,  
Rishikesh-249201

WHEREAS \_\_\_\_\_ (Name and address of the supplier) (Hereinafter called “the supplier”) has undertaken, in pursuance of contract no \_\_\_\_\_ dated \_\_\_\_\_ to supply (description of goods and services) (herein after called “the contract”). AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognised by you for the sum specified therein as security for compliance with its obligations in accordance with the contract; AND WHEREAS we have agreed to give the supplier such a irrevocable bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you unconditionally, on behalf of the supplier, up to a total of \_\_\_\_\_ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of you to first demanding the said amount of guarantee from the supplier before raising the demand with us. You may directly raise the demand with us, without asking the supplier for the same.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee will not be changed due to change in the constitution of the bank or the supplier.

This guarantee shall be valid up to 65 months from the date of satisfactory installation of the equipment i.e. up to ----- (indicate date).

.....  
(Signature with date of the authorized officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, name & address of the Bank and address of the Branch

### **Instructions for Online Bid Submission:**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:  
<https://eprocure.gov.in/eprocure/app>.

### **REGISTRATION**

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### **SEARCHING FOR TENDER DOCUMENTS**

- There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
- The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **PREPARATION OF BIDS**

- Bidder should take into account any corrigendum published on the tender document before submitting their bids.

- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- Please note the Number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG Tender No. :..... formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

### **SUBMISSION OF BIDS**

- Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- The documents being submitted by the bidders would be encrypted using PKI encryption all techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 Bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key
- Further this key is subjected to asymmetric encryption using buyers/bid opener’s public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid Tender No.:..... summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

**ASSISTANCE TO BIDDERS**

- Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk number 0120-4200462, 0120- 4001002.

**PRICE SCHEDULE FOR  
Comprehensive Maintenance Contract (C.M.C.) after expiry of Warranty  
(Rates should be quoted in Indian Rupees only)**

1	2	3	4					5
Sr. No.	Name of equipment	Qty	Annual comprehensive maintenance contract cost for each unit year wise after warranty with spare parts & labor					Total Comprehensive Maintenance Contract Cost for 5 Years (3x (4a+4b+4c+4d+4e))
			6th	7th	8 <sup>th</sup>	9th	10 <sup>th</sup>	
			A	B	C	D	E	
1								

**Note-**

1. Firm should quote the rate for CMC for each equipment/items/instruments at relevant column and it should not be more than 5% per year of unit price of the quoted. The rates quoted should be inclusive of all taxes and duties.
2. Firm should upload this sheet after filling of relevant column as attachment of financial bid.
3. In case of discrepancy between unit price and total price. THE LOWER ONE shall prevail.
4. The cost of comprehensive maintenance contract (CMC) after satisfactory completion of warranty period which includes preventive maintenance including testing & calibration as per technical/service/operational manual, labour and spares, should be quoted along with taxes applicable on the date of tender opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
5. CMC charges will be negotiable with respect to lower charge quoted for CMC by any firm.
6. The uptime warranty will be 95% on 24(hrs.) x 365(days) basis or as stated in Technical specification of the TE document.
7. The supplier shall keep sufficient stock of spares required during comprehensive maintenance contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Place:

Date:



**Technical specifications of the equipment- 4k Arthroscopy system with consumables**

**4K Ultra High-Definition Arthroscopic System**  
**Specifications of 4K Ultra High Definition Arthroscopic System**

All items should be Medical Grade. It should provide 4 times more information than a conventional Full HD imaging system. The complete Optical Chain should be 4K for Optimized Imaging.


A 4K Ultra High Definition Arthroscopic Imaging system will consist of the following items:

1) Integrated /separate unit of Camera Console	One
2) 4K video image processor	One
3) 4K camera head	Two
4) 32" 4K – UHD (3840 pixel) medical grade monitor	One
5) Video Cart	One
6) Light source	Two
7) Light Cable	Two
8) 4K Arthroscope	
30° (4-5 mm)	Two
30° (2.7 mm)	One
70° (4-5 mm)	One
9) Shaver System with Drill attachment	One
10) Bipolar Radiofrequency Ablation System	One
11) Arthroscopic Pump System	One
12) Floor Suction Disc	Two
13) UPS (ISO Certified)	One

Detailed Specifications of Each Item are as follows:

1) **Integrated 4K Camera Console: (Quantity - One)**

- The Console should combine the latest technology, 4K vision (2160p)
- Console / Tablet Interface should simplify use, and programmable individual surgeon preferences
- Rear Panel should have numerous input & Display Port/DVI Outputs/3G SDI Outputs.



Prof. Parkash Khandekar  
 Director of Arthroscopy & Hip  
 AIIMS Rishikesh

Camera should have resolution of 3840X2160 lines with Progressive scan Technology.  
It should have intuitive tablet controller/ touch panel that can be draped sterile to control features of imaging system.

2) **Image Management--(4K Video Image Processor) (Quantity - One)**

Digital storage of still images, video sequences  
Should be a 4K UHD, 3D & full HD medical grade video and still images recorder  
Should have full-featured Graphical User Interface DICOM Capability -Pictures should be Exported to PACS  
Should have provision to Export data to Network (Shared Folder)  
Export of Images/Video to USB, I-Pad, Desktop, Laptop through Networking/Wi-Fi connectivity.  
Should have network based Live video streaming.  
Should have 128 GB or more Storage Space in Console.  
Surgeons should review, edit, annotate and tag stills and video recordings, as well as create and instantly transmit images, videos and educational postoperative reports to patients with help of IPad.  
Color Laser Printer (Ink-Tank) – compatible with above system.

3) **4K Camera Head – (Quantity - Two)**

The Camera Head should incorporate Optical fiber transmission providing 4K resolution through thin cable.  
4K Camera head with resolution of 3840 x 2160 Pixel (8.3 Million Pixels)  
Camera Head should be of Titanium Housing and Hermetically Sealed for Autoclaving  
Camera Head should have Programmable Buttons to Set Surgeon Preferences.  
Titanium housing with 2 programmable buttons for 5 functions ( 4 individual presets + White Balance)  
1.5x digital zoom  
Aspect Ratio: Capable of displaying wide screen 16:9 format.  
Signal to Noise Ratio (SNR): >52 dB  
Should have Ergonomic camera head design to help in reducing hand fatigue  
Camera head should not be >700gms; cable length 10ft or more  
Camera Head should have 7 Years warranty against autoclaving

4) **UHD 4K medical grade Monitor – (Quantity - One)**

32" 4k Monitor with resolution 3840 X 2160 pixels  
Picture-in-Picture and Side-by-Side Display Modes  
Versatile Multi-Format Signal Support  
UHD LCD/LED backlit monitor with ultra –high definition resolution  
should have 16:9 aspect Ratio

  
Dr. Vimal Khandelwal  
Prof. Plastic Reconstructive Surgery  
Professor & Head  
Department of Orthopaedics  
Post Graduate Institute of Medical Sciences  
Rishikesh

5) Video Cart – (Quantity - One)

- Shockproof powder-coating
- Anti-Static roller set with cable guards Ø 125mm
- Detachable cable guards
- 4 lockable castors
- Isolating transformer 2000VA with earth leakage guard
- 5 storage shelves
- 1 extendable storage shelf approx. 150mm
- 1 storage shelf with handle
- Drawer
- Mounting position for central-monitor-mount
- Mounting position for articulation-monitor-arm
- Cable winding aid
- Foot pedal holder, Camera holder
- Fluid bag holder
- Tubing clamp
- Power column with 10x power cables and equipotential bonding cables

6) Light Source – ( LED / XE) (Quantity - Two)

- Technology: LED (cold light source)
- LED light source should have 30,000-hour Life span (14 years at 40 hours per week)
- Xe light source should have at least 500 hour Life span.
- LED Light Source with control options on Camera head, Console and remote access
- Should have 7 Year warranty against LED/XE Engine.
- Color temperature should be in 5,500 – 8,500 K nominal range
- Should have Automatic light output control functionality for producing synchronized pulse width modulated light output
- Compatible with Light Cables of Different Manufactures
- The system should be provided with Universal fibre optic cable

7) Fiber Optic Light Cable -(Quantity - Two)

- Must be Autoclavable/Soakable/Plasma/ETO
- Reduced diameter with high fiber density.
- Small bending radius for comfortable use.
- 4-5 meter
- Should be ROHS compliant.

8) 4K Arthroscope

30° (4-5 mm) (Quantity - Two)

  
Dr. Pankaj Khand  
Professor &  
Department of  
Rishikesh

4K Arthroscopes 30° should have diameter of 4-5 mm with 140-160 mm length with its corresponding sheath and obturator.

- The scope should be fully Autoclavable.
- Offer High depth of field focus with high resolution all the way to the edge of picture
- Anti-reflective coated, high-quality glass cone (insight light post)
- Scratch resistant sapphire lens on proximal and distal tip
- Should have viewing angle of 30 degree
- Should have quick lock fixation mechanism with the sheath

**30° (2.7 mm) (Quantity - One)**

4K Arthroscopes 30° should have diameter of 2.7 mm with 120-140 mm length with its corresponding sheath and obturator.

- The scope should be fully Autoclavable.
- Offer High depth of field focus with high resolution all the way to the edge of picture
- Anti-reflective coated, high-quality glass cone (insight light post)
- Scratch resistant sapphire lens on proximal and distal tip
- Should have viewing angle of 30 degree
- Should have quick lock fixation mechanism with the sheath

**70° (4-5 mm) (Quantity - One)**

4K Arthroscopes 70° should have diameter of 4-5 mm diameter with 140-160 mm length with its corresponding sheath and obturator.

- The scope should be fully Autoclavable.
- Should have viewing angle of 70 degree
- Should have quick lock fixation mechanism with the sheath
- Offer High depth of field focus with high resolution all the way to the edge of picture
- Anti-reflective coated, high-quality glass cone (insight light post)
- Scratch resistant sapphire lens on proximal and distal tip

**9) Arthroscopic Shaver System -**

Arthroscopic Shaver System consist of shaver console, hand piece and foot switch

**Shaver Console: (Quantity - One)**

- Max Speed 12000 RPM for forward and reverse movement and 3000 RPM for oscillating mode
- Max 1400 RPM for Drill operation
- Speed should be set from Footswitch as well as from console

**Handpiece: (Quantity - Two)**

*[Handwritten Signature]*  
Dr. Praveen Dey  
Prof. Praveen Dey  
Professor & Head  
Department of Ortho  
and Spine Surgery

- Handpiece Must be compatible with Small Joint and Large joint Blades or Separate hand piece should be provided.
- Drill Hand-piece: Drill console can be integrated with shaver or provided separately
- Cable and Drill hand-piece for drilling. Speed 1300- 1500 rpm.
- Compatible foot switch to be provided.
- Handpiece must be compatible with side joint and large joint

Footswitch:

- Autoclavable foot controlled Light weight design with suction control.
- Standard low profile Footswitch with all directional control, speed adjustment and Toggle button
- Cleaning/Disinfection: Surface wipe-disinfection with commercially available surfactants or surface disinfectants

10) Bipolar Radio Frequency System - (Quantity - One)

- Bipolar Radio Frequency System based on low temperature BI-Polar Radio frequency technology. Should not have any need for the secondary patient grounding pad.
- The RF probe should have Plasma based Technology that will allow a uniform production of plasma.
- The output voltage settings should be controlled by regulation on the generator from setting 1-9
- The generator should have a feature of Automatic scope saver, i.e. when the probe comes too close to endoscope the controller pauses radiofrequency output and resumes radiofrequency output when the probe is returned to safe distance.
- The generator should have facility to use a foot control or a wireless footswitch for convenience and ease of use.
- There should be facility to adjust ablation and coagulation with different settings
- The generator should be able to take different types of probes for open and minimally invasive arthroscopic procedures and Tendon and fascia treatments.
- The generator should also have the facility to use a finger switch controlled probes.

11) Arthroscopic pump System - (Quantity - One)

- Pressure sensing system should provide instantaneous adjustments to flow levels based on intra articular pressure changes and to provide ideal joint distention throughout Arthroscopy procedure.
- Pressure and flow levels should be adjusted independently in the pump or from the sterile field with the autoclavable remote for optimum control of fluid dynamics.
- Pump should have flow rate of 0 – 1500 ml/min or more.

- Clear joint distention should be maintained even with aggressive shaving, aspiration and multiple arthroscopy portals.
- Autoclavable remote control should provide sterile adjustment of pressure levels, flow levels, on/off and joint flush irrigation.
- It should have pressure setting 0-120 mm hg and pump should give tone and visual alarm if intra-articular pressure rises above 150 mm hg.
- FLUSH-Button on the front panel – Optional

12) Floor suction Disc- (Quantity - Two)

13) 1KVA – online UPS. (Quantity – One)

#### Consumables

A rate contract for supply of all the above consumables should be provided which should be valid for 2.5 years.

Shaver Blades and Burs:

Soft tissue resection blades

- Dual Cut Blade for Volumetric Soft Tissue Removal— 10 No.
- Tapered aggressive Blade for tight Meniscal Space—10No
- Bone resection Oval burr - 10 Nos.
- Pump tubing including extension tubing with y connector – 20 pieces
- Radiofrequency probes 20 pieces- all types

**All Product quoted should be ISO/BIS/ USFDA/ European CE or equivalent.**

All quoted items should preferably be of same manufacturer. Principal company must take 2 warranty and 5 year CMC of the said third party products

The company should include the provision of supply of spare parts of the model supplied for next 10 years.

Demonstration of quoted items are mandatory.

All the necessary cables should be supplied.

In case of break down alternate arrangement to be made till such item/s is are repaired.