

कार्यालय संयुक्त संचालक एवं अधीक्षक गांधी स्मारक  
चिकित्सालय रीवा म.प्र.

निविदा



2020—2021

अस्थि रोग विभाग, श्याम शाह चिकित्सा महाविद्यालय,  
रीवा में आर्थोस्कोपी, ज्वाइंट रिप्लेसमेंट सेट, इम्प्लान्ट  
तथा अन्य सर्जिकल सामग्रियों की आपूर्ति हेतु ई-निविदा  
(प्रथम आमंत्रण)

**(E-Tender for supply of Joint Replacement,  
Arthroscopy set, implants and other surgical items in  
the Department of Orthopaedics, Shyam Shah  
Medical College, Rewa (M.P.)**

निविदा क्रमांक-18 / 2020-21

कीमत रु. 5000 /-

## **ONLINE TENDER SCHEDULE**

**ई-निविदा विज्ञप्ति क्र 18 / 2020-21**

SEQ NO	SCHEDULE	START DATE & TIME	EXPIRY DATE & TIME	
1	<b>PURCHASE OF TENDER ONLINE</b>	<b>28-02-2020 11.00 AM</b>	<b>22-03-2020 5.00 PM</b>	
2	<b>PRE BID MEETING</b>	<b>06-03-2020 11.00 AM</b>	<b>Office of Joint director cum superintendent GM Hospital Rewa</b>	
3	<b>BID SUBMISSION ONLINE</b>	<b>28-02-2020 11.00 AM</b>	<b>22-03-2020 5.00 PM</b>	-
4	<b>MANDATORY SUBMISSION OPEN</b>	<b>23-03-2020 12.30 PM onwards</b>	-	-
5	<b>TECHNICAL PROPOSAL OPEN</b>	<b>23-03-2020 12.30 PM onwards</b>	-	-
6	<b>FINANCIAL BID OPEN</b>	<b>पृथक से सूचना दी जावेगी।</b>	-	-

निविदा के संबंध में किसी भी जानकारी हेतु निम्न दूरभाष एवं ई-मेल पर संपर्क किया जा सकता है :-

ई-मेल:- [jdsupdtgmhrewa@rediffmail.com](mailto:jdsupdtgmhrewa@rediffmail.com), Fax-07662-242104

संपर्क:- 07662-242104,+91-9179705483,+91-9644695933,+91-8827730393,

पोर्टल में अपलोड किए जाने वाले अनिवार्य दस्तावेजों की सूची जो पठनीय हो :-

1. धरोहर राशि रुपये 50000.00 ऑनलाईन जमा की रसीद।
2. निविदा प्रपत्र हस्ताक्षर एवं सील सहित।
3. फर्म/संस्था का रजिस्ट्रेशन।
4. वित्तीय वर्ष, 2017-18 एवं 18-19 (एसेसमेंट ईयर 18-19 एवं 19-20) का आयकर रिटर्न जमा करने की रसीद)

5. 100 रु. के नान-ज्यूडिशियल स्टाम्प पर नोटराइज्ड घोषणा पत्र।
6. पैन कार्ड।
7. जी.एस.टी. रजिस्ट्रेशन।
8. वैध ड्रग लायसेंस/मैनुफैक्चरिंग लायसेंस
9. अधिकृत डीलर को निर्माता कंपनी द्वारा जारी अद्यतन अर्थराईजेशन एवं मैनुफैक्चरिंग लायसेंस
10. वार्षिक टर्न ओवर वित्तीय वर्ष 2018-19 हेतु रु. 25 लाख अथवा अधिक जो सी.ए. द्वारा जारी किया गया हो।(केवल प्रमाण पत्र)
11. ISO/GMP/CE/FDA प्रमाण पत्र।

अस्थि रोग विभाग, श्याम शाह चिकित्सा महाविद्यालय, रीवा (म.प्र.) में आर्थोस्कोपी, ज्वाइंट रिप्लेसमेंट सेट, इम्प्लान्ट तथा अन्य सर्जिकल सामग्रियों की आपूर्ति हेतु ई-निविदा के नियम एवं शर्तें

1. चिकित्सा महाविद्यालय रीवा के अधीन अस्थि रोग विभाग में ज्वाइंट रिप्लेसमेंट, आर्थोस्कोपी इम्प्लान्ट एवं अन्य सर्जिकल सामग्रियों के की आपूर्ति हेतु ई-निविदा आमंत्रित की जाती है। निविदा प्रपत्र वेबसाइट <https://mptenders.gov.in/> पर आनलाईन भुगतान कर क्रय किये जा सकेंगे। इसे चिकित्सा महाविद्यालय रीवा की वेबसाइट <http://www.ssmcrewa.com> में भी देखा जा सकेगा।
2. आनलाईन निविदा जमा करने की निर्धारित अवधि के पश्चात प्राप्त निविदाएँ स्वीकार नहीं की जावेगी। आनलाईन निविदा फार्म क्रय करने का मूल्य रु. 5000.00 निर्धारित हैं यह राशि किसी भी दशा में वापसी योग्य नहीं है।
3. निविदा के साथ अमानती राशि रूपये **50,000.00(पचास हजार मात्र)** ऑनलाईन जमा करनी होगी। अमानत राशि पर किसी भी प्रकार का ब्याज देय नहीं होगा। सफल निविदाकार से क्रय की जाने वाली सामग्री के अनुमानित मूल्य का 5 प्रतिशत परफॉर्मेंस गारंटी अनुबंध करने के पूर्व जमा करनी होगी।
4. निविदाकार द्वारा यदि किसी आयटम में यदि दरें नहीं भरी जाती हैं, तो उसमें **Zero** का उल्लेख न किया जावे, क्योंकि **Zero** डालने से वह एल-1 हो जाता है।
5. प्राइस बिड केवल ऑनलाईन ही भरी जावे तथा भारतीय मुद्रा में ही स्वीकार्य होगी।
6. कृपया प्राइस बिड भरने के पहले समस्त दस्तावेज एवं स्पेशिफिकेशन ध्यानपूर्वक पढ़ एवं समझ लें, उसके पश्चात ही निविदा भरें।
7. निविदाकार को ऑनलाईन क्रय किए हुए निविदा प्रपत्र एवं उसके साथ संलग्न कागजातों के प्रत्येक पृष्ठ पर अपने हस्ताक्षर कर सील लगाकर अपलोड करना होगा।
8. चिकित्सालय की भण्डार क्रय समिति को किसी भी अथवा समस्त निविदाओं को कारण बताकर अमान्य करने का अधिकार होगा।

9. सामान्यतः न्यूनतम मूल्य दर की निविदा को स्वीकार किया जावेगा, तथापि क्रय समिति शासनहित/जनहित में समग्र रूप से विचार करते हुये अन्यथा निर्णय लेने हेतु अधिकार सम्पन्न होगी।
10. मुख्य कार्यपालन अधिकारी एवं अधिष्ठाता, श्यामशाह चिकित्सा महाविद्यालय रीवा के पास किसी भी निविदा को ग्राह्य करने अथवा नहीं करने तथा जनहित में निविदा शर्तों में परिवर्तन करने का अधिकार सुरक्षित रहेगा।
11. निविदा एक वर्ष अथवा आगामी नवीन निविदा होने तक प्रभावशील रहेगी।
12. निविदा में न्यूनतम दरों का उल्लेख करें। प्रस्तुत मूल्य दरों में राज्य शासन के नियमानुसार लगाने वाले जी.एस.टी. का उल्लेख अलग से किया जाना अनिवार्य है।
13. निविदा भेजने वाले को निविदा सामग्री का मूल्य ऑनलाईन उपलब्ध कॉलम में पूर्ति किया जाना अनिवार्य होगा।
14. निविदा का निम्न सर्टिफिकेट उपलब्ध कराना अनिवार्य होगा:—
  1. क्वालिटी कंट्रोल सर्टिफिकेट जैसे—**ISO/GMP/CE/FDA**
  2. अधिकृत विक्रेता का वैध प्रमाण पत्र
  3. कंपनी का वैध मैनुफैक्चरिंग ड्रग लायसेंस
15. निविदा सामग्री में अंकित की जाने वाली दरों के साथ इम्प्लान्ट्स के निर्माता कम्पनी का नाम स्पष्ट एवं पूर्ण दर्शाना आवश्यक है।
16. निविदा अनुसार चाहे गये इम्प्लान्ट का क्रय आदेश संयुक्त संचालक कार्यालय से प्राप्त होने के उपरान्त निविदाकार को पन्द्रह दिवस के अन्दर प्रदाय करना होगा। अधिकृत प्रदायकर्ता द्वारा मांग अनुसार उक्त अवधि में इम्प्लान्ट का प्रदाय नहीं किये जाने की स्थिति में बिना कोई सूचना दिये इम्प्लान्ट का क्रय अन्य किसी माध्यम से किया जावेगा एवं उक्त क्रय में आने वाले मूल्य अंतर को जमा धरोहर राशि/लंबित देयकों से वसूल कर लिया जायेगा जिसके लिये आप स्वयं जिम्मेदार होंगे।
17. क्रय आदेश अनुसार प्रदाय किये गये इम्प्लान्ट के देयकों का भुगतान बजट आवंटन प्राप्त होने एवं देयक प्रस्तुत करने की दिनांक से एक माह के अंदर देयकों में योग त्रुटि अथवा अन्य आपत्ति नहीं होने की स्थिति में एक माह के पश्चात किया जावेगा। देयक में विलंब होने पर किसी भी प्रकार का ब्याज देय नहीं होगा।
18. प्रदायकर्ता को इम्प्लान्ट के सभी प्रकार की साईज का अलग-अलग मूल्य न लिखकर एक ही औसत मूल्य दर्शाना होगा।
19. प्रदायकर्ता को ज्वाइंट रिप्लेसमेंट इम्प्लान्ट की आपूर्ति थोक मात्रा में नहीं करना है बल्कि केस दर केस फोन से/ई-मेल/लिखित मांग पत्र भेजे जाने पर 07 दिवस के अन्दर करना होगा।

- प्रदायकर्ता को ज्वाइंट रिप्लेसमेंट इम्प्लांट में लगने वाला इन्स्ट्रूमेंटेशन सेट मांगे गये इम्प्लांट के साथ ऑपरेशन के दिन ऑपरेशन थियेटर में लाना होगा तथा इन्स्ट्रूमेंटेशन सेट की कीमत एवं आने वाले व्यक्ति का टी.ए./डी.ए. का भुगतान चिकित्सालय द्वारा नहीं किया जायेगा।
20. चिकित्सालय को एक आर्थोस्कोपी सेट एवं एक कूल्हा तथा एक घुटना जोड़ प्रत्यारोपण सेट की आवश्यकता है जिसकी आपूर्ति प्रदायकर्ता को उनके स्पेशिफिकेशन के अनुसार निर्धारित दर पर मांगानुसार एक बार में करनी होगी।
  21. प्रदायकर्ता को आर्थोस्कोपी इम्प्लांट एवं अन्य सर्जिकल सामग्री की आपूर्ति थोक मात्रा में मांगानुसार समय-समय पर करनी होगी।
  22. निविदा के अनुमोदित होने के उपरान्त निविदाकार द्वारा यदि आपूर्ति में हीला-हवाली या टाल-मटोल करके विलम्ब किया जाता है, तो आवश्यकता के अनुरूप खुले बाजार से खरीद की जावेगी। इसमें अधिक भुगतान की वसूली निविदाकार के देयको से वसूल कर लिया जावेगा। इसके बावजूद यदि अधिक भुगतान की वसूली शेष रह जाती है तो जमा अमानत राशि से काट लिया जावेगा।
  23. पूर्ण निविदा में से यदि किसी निविदाकार को 50 प्रतिशत से अधिक इक्वूपमेंट की निविदा प्राप्त होती है, तथा जिन निविदाकारों को कम निविदा प्राप्त होने की दशा में सप्लाई से मना करने पर एल-1 रेट पर सहमति देने पर उसकी सप्लाई ली जा सकेगी।
  24. निविदाकार को रीवा शहर में अपना एक अधिकृत प्रतिनिधि नियुक्त करना होगा जिसको इम्प्लांट तथा इन्स्ट्रूमेंटेशन सेट की पूरी जानकारी होगी तथा जिससे आवश्यकतानुसार इम्प्लांट की मांग, सप्लाई, रख-रखाव या किसी भी प्रकार की आकस्मिक आवश्यकता हेतु तत्काल सम्पर्क किया जा सके अथवा ऑपरेशन थियेटर में बुलाकर उससे ऑपरेशन में इम्प्लांट लगाने संबंधी तकनीकी सहायता ली जा सके। निविदाकार द्वारा रखे गये अधिकृत प्रतिनिधि को चिकित्सालय द्वारा किसी भी प्रकार का व्यय नहीं दिया जायेगा।
  25. अस्थिरोग विभाग, श्याम शाह चिकित्सा महाविद्यालय, रीवा (म.प्र.) में अस्थिरोग विभाग, श्याम शाह चिकित्सा महाविद्यालय, रीवा (म.प्र.) में आर्थोस्कोपी, ज्वाइंट रिप्लेसमेंट सेट, इम्प्लान्ट तथा अन्य सर्जिकल सामग्रियों की आपूर्ति हेतु ई-निविदा में किसी भी प्रकार का अग्रिम भुगतान नहीं किया जावेगा तथा किसी भी राशि पर ब्याज देय नहीं होगा।
  26. निविदाओं के संबंध में क्रय समिति का निर्णय सभी निविदाकारों को मान्य एवं बंधनकारी होगा।
  27. सफल निविदाकार को कार्य प्रारम्भ करने के पूर्व रु. 1000/- के नान-ज्यूडिशियल स्टाम्प पर 15 दिवस के भीतर उपरोक्त शर्तों के अधीन अनुबंध

पत्र निष्पादित करना होगा एवं अनुबंध निष्पादन पश्चात कार्यादेश जारी होने के 30 दिवस के भीतर प्रदायगी प्रारम्भ करनी होगी।

28. प्रदायकर्ता को इम्प्लान्ट की प्रदायगी केंद्रीय भण्डार, संजय गांधी स्मृति चिकित्सालय, रीवा में होगी।
29. किसी भी कानूनी विवाद की स्थिति में निराकरण न्यायालय क्षेत्र रीवा के अंतर्गत होगा।

संयुक्त संचालक एवं अधीक्षक,  
गांधी स्मारक चिकित्सालय रीवा म.प्र.

## तकनीकी बिड हेतु प्रपत्र:- बी

(पूर्ण रूप से भर कर एवं हस्ताक्षरित कर लिफाफे को सील बंद करें एवं लिफाफे पर प्रपत्र बी स्पष्ट रूप से उल्लेखित करें) निविदाकार द्वारा तकनीकी बिड हेतु प्रस्तुत की जाने वाली जानकारी

स. क्र.	तकनीकी मापदण्ड हेतु अनिवार्य दस्तावेज	निविदाकार के द्वारा टिक किया जावे। पृष्ठ क. दर्शाये		परीक्षण समिति द्वारा टिक किया जावे।	
		हां	नहीं	हां	नहीं
1.	धरोहर राशि रूपये 50000.00 ऑनलाईन जमा की रसीद।				
2.	निविदा प्रपत्र हस्ताक्षर एवं सील सहित।				
3.	फर्म/संस्था का रजिस्ट्रेशन।				
4.	वित्तीय वर्ष, 2017-2018 एवं 2018-19 (एसेसमेंट ईयर 2018-19 एवं 19-20) का आयकर रिटर्न जमा करने की रसीद)				
5.	100 रु. के नान-ज्यूडिशियल स्टाम्प पर नोटराइज्ड घोषणा पत्र।				
6.	पैन कार्ड।				
7.	जी.एस.टी. रजिस्ट्रेशन।				
8.	वैध ड्रग लायसेंस/मैनुफैक्चरिंग लायसेंस				
9.	अधिकृत डीलर को निर्माता कंपनी द्वारा जारी अद्यतन अर्थराईजेशन एवं मैनुफैक्चरिंग लायसेंस				
10.	वार्षिक टर्न ओवर वित्तीय वर्ष 2018-19 हेतु रु. 25 लाख अथवा अधिक जो सी.ए. द्वारा जारी किया गया हो।(केवल प्रमाण पत्र)				
11.	<b>ISO/GMP/CE/FDA</b> प्रमाण पत्र।				

निविदाकर्ता संस्था प्रमुख के हस्ताक्षर .....

निविदाकर्ता संस्था प्रमुख का नाम .....

(स्पष्ट अक्षरों)

संस्था का नाम एवं पूर्ण पता एवं सील .....

## —घोषणा—पत्र—

(100/— रूपये के नान—ज्यूडिसियल स्टाम्प पेपर पर नोटराईज्ड कराकर प्रस्तुत किया जाये )

1. मैं/हम भारत का/के नागरिक हूँ/है।
2. मैं/हम भारतीय संविदा अधिनियम के अनुसार निविदा कार्य के लिए सक्षम हूँ/हैं।
3. मुझे/हमें म.प्र. शासन के किसी भी विभाग द्वारा निविदाकार्य से बहिष्कृत नहीं किया गया है।
4. मैं/हम किसी ऐसे कान्ट्रेक्टर, जो कि म.प्र. शासन के किसी विभाग द्वारा बहिष्कृत किया गया हो, न तो अभिकर्ता हूँ/है और न ही उसके लिये कार्य करता हूँ/करते हैं।
5. मेरे/हमारे द्वारा निविदा की शर्तों के अलावा अन्य कोई शर्तें प्रस्तुत नहीं की गयी है। यदि अन्य कोई शर्तें प्रस्तुत की गयी है, तो उसे अमान्य माना जाये।
6. श्यामशाह चिकित्सा महाविद्यालय/संजय गांधी स्मृति चिकित्सालय/गांधी स्मारक चिकित्सालय रीवा के किसी अधिकारी/कर्मचारी से संबंध नहीं है।
7. मेरे /हमारे द्वारा इस निविदा में भरी मूल्य दर से कम मूल्य दर की निविदा मध्यप्रदेश राज्य के किसी संस्था या कार्यालय में प्रस्तुत नहीं की गई है।
8. मेरे/हमारे द्वारा सप्लाई किए गए उपकरणों की गुणवत्ता की जिम्मेदारी मेरी/हमारी होगी।
9. हमारी संस्था के विरुद्ध सी.बी.आई0/लोकायुक्त/ई.ओ.डब्ल्यू/शासकीय कार्यालय इत्यादि में कोई जाचं लबित नहीं है और न ही सक्षम न्यायालय मे आपराधिक प्रकरण दर्ज है और न ही दण्डित किया गया है।
10. मेरे द्वारा प्रस्तुत जानकारी सही है। असत्य पाये जाने पर मेरे विरुद्ध विधिसम्मत कार्यवाही किए जाने पर मैं स्वयं उत्तरदायी रहूंगा।
11. मेरे/हमारे उपर भारत/राज्य शासन को देय कोई भी टैक्स बकाया नहीं है।

दिनांक:

(निविदाकार के हस्ताक्षर)

नाम— .....

पूरा पता— .....

फोन एवं मोबा. न.— .....

गवाहों के नाम, पते एवं हस्ताक्षर

1.

2.



**(E-Tender for supply of Joint Replacement, Arthroscopy set, implants and other surgical items in the Department of Orthopaedics, Shyam Shah Medical College, Rewa (M.P.)**

	<p><b><u>ARTHROSCOPY SET:</u></b></p> <p>All the equipments must be <b>USFDA approved</b>.</p> <p>The tenderers must quote for 3 years onsite warranty from the date of completion of the satisfactory installation.</p> <p>The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected.</p> <p>Also the bidders should submit their quote for subsequent 3 years on site AMC/CMC (include free labour, repair other services &amp; spare parts).</p> <p>The supplier will ensure regular maintenance service by the appropriate engineer having the technical know-how of the equipment.</p>
1)	<p><b>Full High Definition Digital Camera Head:</b></p> <ul style="list-style-type: none"> <li>• Digital ,Triple chip, full high definition, microlens CCD Camera (Charged Couple device).</li> <li>• Compatible with Video Arthroscopes as well as direct view scopes.</li> <li>• 3 buttons for remote control of the CCU and accessories. Able to control 6 functions on the menu using these 3 buttons inbuilt zoom facility, regardless of telescope used.</li> <li>• Automatic optimization of all settings.</li> <li>• Digital signals processing, modes of operation automatic and manual, PAL compatible.</li> <li>• White balancing possible from the CCU as well as from the sterile field.</li> <li>• Minimum Signal to Noise ratio of 60 decibels (dB).</li> <li>• SDI Output, BNC, S-VHS and RGB outputs.</li> <li>• Leakage current not more than 25 microamps in control unit and not more than 10 microamps in camera head</li> <li>• Weight not exceeding 165 grams, Camera head cable minimum 12ft.</li> <li>• C-Mount Zoom coupler 19.5 mm.</li> </ul>
2)	<p><b>Full High Definition Camera Control Unit:</b></p> <ul style="list-style-type: none"> <li>• ACG Microprocessor controlled</li> <li>• Video Inputs : S-Video, (Y/C), Composite, HD-SDI, IEEE-1394</li> <li>• Video Outputs : S-Video, (Y/C), Composite, HD-SDI, DVI</li> <li>• Video Formats : NTSC and PAL</li> <li>• USB 2.0 Ports : Type A receptacle, software compatible with NS16C550</li> <li>• Video recording: on pendrive through USB port</li> <li>• Parallel Port : Bidirectional Input / output with female DB-25 Receptacle</li> <li>• Serial Port : UART Port with male DB- 9 receptacle</li> <li>• VGA Port : 15-Pin female</li> </ul>

	<ul style="list-style-type: none"> <li>• Ethernet Ports : Auto select 10Base-T/100 Base-TX</li> <li>• Storage : Supports read/ write of USB flash media of different sizes; CD-R/RW; 650 MB or 700 MB.</li> <li>• Still Image File Formats : 24-bit RGB bitmap, 24-bit JPEG</li> <li>• Still Image Resolution : NTSC / PAL</li> <li>• 1920 x 1080i@ 24 bit color depth 16.77 million True Colour</li> <li>• Motion Video File Format : MPED1, MPEG2, MPEG4</li> <li>• Power Requirements : Input Voltage: 100-240 VAC, 50/60 Hz @ 90VA</li> <li>• Processor : Intel® Pentium® M 1.6 GHz</li> <li>• Operating System : Microsoft® embedded Windows® XP or advanced</li> </ul>
3)	<p><b>High Definition Medical Grade Monitor:</b> The system should have:</p> <ul style="list-style-type: none"> <li>• Medical grade LCD monitor, flat screen</li> <li>• Ability to display High Definition Resolution of 1920 X 1080i</li> <li>• Wide Screen and aspect ratio of 16:9</li> <li>• Compact control buttons on the sides of the panel</li> <li>• Screen diagonal 24"</li> </ul> <p>Monitor stand compatible with monitor</p>
4)	<p><b>LED Light Source Specs:</b></p> <ul style="list-style-type: none"> <li>• Light Source Type LED (Light Emitting Diode)</li> <li>• Color Temperature 7000° K</li> <li>• LED Life 30,000 hours (typical)</li> <li>• Light Guide Adaptor Turret type to fit your choice of light cable</li> <li>• Brightness Control 0-100% Dimming</li> <li>• Input Voltage 100-240V AC, 50/60 Hz</li> <li>• Rated Power 90 watt</li> <li>• Dimensions 11.22" W x 4.49" H x 13.23" D</li> </ul> <p>Weight 8.05 lbs / 3.42 kg</p>
5)	<p><b>Fiber Optic Light Cable:</b> Universal fibre optic cable with adapters. Not less than 5mm thick and 10 ft long</p>
6)	<p><b>Arthroscopy Set (Arthroscopic, Sheath and Obturator):</b></p> <ul style="list-style-type: none"> <li>• Wide Angle, Direct View High Definition Arthroscopic</li> <li>• Light Guide insertion on opposite side of the direction of view with a J-lock fixation for cannula.</li> <li>• Working Length of Not more than 120mm</li> <li>• Optimal centre-to-edge resolution for enhanced picture quality</li> <li>• Angle of view: 30 degree</li> <li>• Diameter 2.7</li> <li>• Fiber optic light transmission incorporated</li> <li>• Standard ocular window for coupling the camera head</li> <li>• Scratch resistance sapphire coated tip lens</li> <li>• Advanced Rod lens system for optimum brightness, contrast and definition</li> <li>• Arthroscopies should be supplied with compatible cannulas high flow, double valve, fully rotatable with fenestrated tip &amp; conical and blunt tip obturator.</li> </ul>

	<ul style="list-style-type: none"> <li>• Sheath- 3mm to 4mm, high flow diagnostic cannula, double valve, fully rotatable cannula with fenestrated tip.</li> </ul> <p>Trocar-3mm to 4mm conical obturator to fit with cannula.</p>
7)	<p><b>Arthroscopy Set(Arthroscopic, Sheath and Obturator):</b></p> <ul style="list-style-type: none"> <li>• Wide Angle, Direct View High Definition Arthroscopic</li> <li>• Light Guide insertion on opposite side of the direction of view with a J-lock fixation for cannula.</li> <li>• Working Length of Not more than <b>160mm</b></li> <li>• Optimal centre-to-edge resolution for enhanced picture quality</li> <li>• Angle of view: <b>70 degree</b></li> <li>• Diameter <b>4mm</b></li> <li>• Fiber optic light transmission incorporated</li> <li>• Standard ocular window for coupling the camera head</li> <li>• Scratch resistance sapphire quoted tip lens</li> <li>• Advanced Rod lens system for optimum brightness, contrast and definition</li> <li>• Arthroscopies should be supplied with compatible cannulas high flow, double valve, fully rotatable with fenestrated tip &amp; conical and blunt tip obturator.</li> <li>• Sheath- 5.95 to 6.0mm, high flow diagnostic cannula, double valve, fully rotatable cannula with fenestrated tip.</li> </ul> <p>Trocar-4.5mm conical obturator to fit with cannula.</p>
8)	<p><b>Arthroscopic Resection Shaver System:</b> The Shaver system should comprise of Controller Console, Shaver Hand-piece, and Foot pedal.</p> <p><b>Controller Unit</b></p> <ul style="list-style-type: none"> <li>• The Controller console should have receptacles for both Shaver hand-piece, Foot Pedal and also other powered instrumentation</li> <li>• The console screen should capture all information pertaining to minimum, maximum and set speeds for installed blade type; horizontal bar graph of blade speed relative to range; blade direction; diagnostic information.</li> <li>• Should provide control for momentary push switches for increasing and decreasing speed setting.</li> <li>• The Unit should have 2 Modes for Normal and Aggressive Resection so as to balance efficacy with safety.</li> <li>• The Console should provide variable rpm ranging between 100rpm to 10,000 rpm as per the blade or burs used.</li> <li>• The Motor should offer Forward, Reverse and Oscillation Mode for Resection.</li> </ul> <p><b>Shaver Hand Piece</b></p> <ul style="list-style-type: none"> <li>• The autoclavable shaver hand piece, which is compact, lightweight and ergonomically designed, with hand control.</li> <li>• The connecting cable should be autoclavable and replaceable with length of approx. 10Ft.</li> <li>• The hand piece should be not more than 8 Inches length and 460gms.</li> <li>• The hand piece should have suction control lever.</li> <li>• The Shaver Hand piece should have safety mechanism of Blade Window Lock to avoid any unintentional tissue damages on pull out.</li> <li>• The Safety feature for window locking should be accessible and controllable from shaver hand piece.</li> <li>• The Shaver hand piece should have push-button motor controls: Forward, Reverse</li> </ul>

	<p>Oscillate, and Blade and Window Lock.</p> <ul style="list-style-type: none"> <li>• The Shaver should offer Maximum torque not be less than 32oz.in</li> <li>• The shaver should be supplied with compatible shaver sterilization case.</li> <li>• The Shaver should be able to use any electro Blades, if desired.</li> <li>• Input voltage of 100 to 240V, 50/60 Hz power consumption not more than 350VA.</li> </ul> <p><b>Foot Pedal</b></p> <ul style="list-style-type: none"> <li>• The variable speed foot pedal should be sturdy with a long connecting cable.</li> <li>• The foot pedal controls should include three standard operating modes, i.e. Forward, Reverse and Oscillation.</li> <li>• The foot pedal should offer a blade window locking mode for enhanced safety during withdrawal of hand piece from joint space with blade mounted.</li> </ul>
9)	<b>Consumables Shaver Blades</b>
10)	<b>Consumables Shaver Burs</b>
11)	<p><b>Arthroscopy Fluid Management System:</b></p> <ul style="list-style-type: none"> <li>• The Fluid management System offers to maintain&amp; control intra-articular pressure regardless of varying outflow rates. The system can also be used with any arthroscopic inflow cannula and should include main control unit, disposable tubing sets, a wireless remote control, two Fluid Level Sensors</li> <li>• The control unit should not require the user to increase distension pressure to achieve high flow rates.</li> <li>• Outflow may be adjusted while maintaining the lowest distension pressure needed</li> <li>• Flow rate should be change as per operating cannula connection</li> <li>• The Unit should have a LCD Display and should clearly depict High flow, Medium floe and Low Flows.</li> <li>• Maximum flow rate of not less than 2.5 ltr/min for procedural speed and efficiency</li> <li>• Automatic Joint pressure maintenance up-to 150 mmHg</li> <li>• The unit should have receptacles for Remote and Irrigation Set Insertions.</li> <li>• Should be supplied with remote foot pedal for easy operation of wash function.</li> <li>• Must be supplied with Disposable tube sets for inflow only (30pcs).</li> <li>• Must be supplied with Disposable Tube sets for inflow and outflow (30pcs.).</li> <li>• Wireless remote control for full system control from the sterile field. Should be stop, start, lavage start/Stop, increase &amp; decrease flow limit, increase &amp; decrease pressure.</li> </ul> <p>Operating System: Microsoft® embedded Windows® XP</p>
12)	<p><b>Radiofrequency Ablation system:</b></p> <ul style="list-style-type: none"> <li>• Controls on hand piece</li> <li>• Multiple distinct power levels</li> <li>• Impedence detection technology</li> <li>• User friendly display</li> <li>• Powerful generator with output of 400 watts.</li> <li>• Bendable probes with all tips described in printed product manual.</li> </ul> <p>For use in arthroscopic surgery</p>
13)	<b>Imported trolley</b>

14)	<p><b>Radio frequency energy probes:</b></p> <p><b>For Knee Arthroscopy:</b></p> <ol style="list-style-type: none"> <li>1. Probes for Menisectomy - 90°</li> <li>2. Probes for posterior menisectomy 50 degrees.</li> <li>3. Probes for Articular Cartilage Debridement Ablation.</li> <li>4. Probes for soft tissue debridement - ablation.</li> </ol> <p><b>For Shoulder Arthroscopy:</b></p> <ol style="list-style-type: none"> <li>1. Subacromial decompression 90° ablation</li> <li>2. Capsular release ablation probes</li> </ol>
	<b>ARTHROSCOPIC HAND INSTRUMENTS AND IMPLANTS</b>
	<b>Knee Arthroscopy</b>
15)	Basket Punch Duckbill straight Tip Profile - 2.52mm, Bite Width-3.17mm, Tip Width-5.05mm
16)	Basket punch Duckbill upbiter Tip Profile - 2.52mm, Bite Width-3.17mm, Tip Width-5.05mm
17)	Basket punch Duckbill upbiter curved right - 2.52mm, Bite Width-3.17mm, Tip Width- 5.05mm
18)	Basket punch Duckbill upbiter curved left - 2.52mm, Bite Width-3.17mm, Tip Width-5.05mm
19)	Basket Punch Narrowline Straight 1.9mm, Bite width- 1.67mm, Tip width-2.89mm
20)	Posterior Punch Upbiter Tip Profile -2.46mm, Bite width-2.18mm, Tip width-4.0mm
21)	Posterior Punch Straight 2.46mm, Bite width-2.18mm, Tip width-4.0mm
22)	Basket Punch - scoop 1.5mm Upbiter Tip profile-2.28mm,Bite width-1.59mm, Tip Width-3.88mm
23)	Basket Punches,90 deg. Rotary,cigar handle with a 3.4mm bite in left and Right.
24)	Basket Punch - Stingray backbiter Left - Tip profile - 3.93mm, Bite width-2.38mm, Tip width-5.58mm
25)	Basket Punch - Stingray backbiter Right - Tip profile - 3.93mm, Bite width-2.38mm, Tip width-5.58mm
26)	Suction Punch - 2.5mm, straight with long handle
27)	<p><b>Grasper</b></p> <p>All grasper should have an infinite position sliding lock mechanism that hold tissue firmly without tearing and slipping - even in the tightest area.</p> <p>Pitbull Loose body Grasper with sliding lock mechani</p>
28)	Scissor Punches should be straight ,loop handle
29)	Scissor Punches Should be 20deg. Hooked Left
30)	Scissor Punches should be 20deg. Hooked Right
31)	Probe Straight
32)	3.0mm Heavy hook with handle
33)	Linear Instruments Fifteen-Unit Sterilization Trey
34)	Fibrewire suture size no. 2 to 5
35)	Polyester size no. 2 to 5
36)	Normal saline 3 liters pack
37)	Meniscal repair system of meniscal tear(disposable)
38)	Meniscal needle with continuous fibre wire needle
39)	<p><b>Shoulder cannula with obturator</b></p> <p>Shoulder cannula threaded inner diameter 8-8.5mm &amp; 6-6.5mm,Length 8cm with cannulated obturator /dilator</p>

	<b>Puncture needle with obturator</b> Puncture needle with obturator for use with guide wire
40)	<b>Guide wire</b> Guide wire length 30cm, dia less than 1mm
41)	<b>Dilator/switching stick cannulated</b> Dilator/switching stick cannulated diameter 3.5-4mm length not less than 30cm
42)	<b>Half sheath/half pipe</b> Half sheath /Half pipe for easy switching and maneuvering of instruments long 95cm length and short 80cm length
43)	<b>Suture Lasso system</b> Handle for use with monofilament thread with reusable suture attachments , wheel attachment and wheel. Wheel attachment and wheel.
44)	<b>Reusable Suture attachments for use with Handle</b> Suture attachment distal tip curved upwards straight 5,7 & 8 mm in height. Suture attachment hook shaped distal tip curved upwards straight 8 , 8.7 & 10mm in height. Suture attachment hook shaped distal tip angled 30deg right and left 8 mm in height. Cleaning adaptor for suture attachments.
45)	<b>Suture forceps for Punching soft tissue and suture management</b> Suture forceps curved upwards, working length not less than 14cm. Suture forceps straight working length not less than 14cm Suture forceps curved to left also curved to left in sheath working length not less than 14cm. Suture forceps curved to right also curved to right in sheath working length not less than 14cm. Suture forceps retrograde opening also curved upwards in sheath working length not less than 14cm.
46)	<b>Suture Hook</b> Suture Hook with eyelet straight, curved to left and curved to Right.
47)	<b>Suture cutter</b> Suture cutter working length not less than 14cm. Knot Pusher working length not less than 14cm.
48)	<b>Thread catcher</b> Thread catcher working length not less than 14cm.
49)	<b>Knot Pusher</b> Knot Pusher working length not less than 14cm.
50)	<b>Knot Pusher and Suture cutter</b> Knot Pusher and Suture cutter with working length not less than 14cm consisting of blade, insert and handle.
51)	<b>Punches</b> Punch through cutting cross toothed cutting width 3mm or more curved upwards 15-30deg working length not less than 14cm. Punch through cutting cross toothed cutting width 3mm or more straight jaws, sheath curved 15-30deg upwards, working length not less than 14cm.
52)	<b>Grasper</b> Foreign body grasper aggressive straight jaws, working length not less than 14cm with and without

	ratchet. Sture grasper straight, curved to right 30-45deg and curved to left 30 to 45deg, working length not less than 14cc.
53)	<b>Elevator</b> Elevator, width 4mm, curved 15deg downwards,also curved downwards in sheath working length not less than 14cm. Elevator, width 4mm, curved 30deg downwards,also curved downwards in sheath working length not less than 14cm. Elevator, width 4mm, curved 15deg downwards blade turned 180deg , also curved downwards in sheath working length not less than 14cm. Elevator, width 4mm, curved 30deg downwards blade turned 180deg , also curved downwards in sheath working length not less than 14cm. Elevator, width 4mm, curved 15deg downwards, working length not less than 14cm. Elevator, width 4mm, curved 30deg downwards, working length not less than 14cm.
54)	<b>Rasp</b> S.L.A.P. Rasp, with 4.5mm, curved 30deg downwards, also curved downwards in sheath, working length not less than 14cm. Rasp Double sided can be used as Glenoid as well as S.L.A.P rasp,with 4.5mm,curved 30deg downwards, also curved downwards in sheath, working length not less than 14cm. Glenoid Rasp width 5.5mm 30deg curved upwards working length not less than 14cm.
55)	<b>Biceps Biter for Biceps Tenodesis</b> Instrument for simple and precise tenotomy of the biceps tendon and/or biceps tenodesis,combined cutting and grasping instrument for artheoscopic terminal cutting of biceps tendon for the left and right shoulder, working length not less than 14 cm.
56)	5.5 mm bio-absorbable anchor with thread
57)	All PEEK anchor for double & single row cuff repair.Dia 4.5,5.5 & 6.5 mm
58)	Suture passer 45 degree left and right
59)	Suture passer 90 degree left and right
60)	Suture shuttle needle.
61)	UHMW # 2 number white/coloured suture with needles
62)	UHMW # 2 number stripped colour suture with needles
	<b>BONE CEMENT</b>
63)	Bone cement with low viscosity 20g.
64)	Bone cement with medium viscosity 20g.
65)	Bone cement with high viscosity 20g.
66)	Bone cement with low viscosity 40g.
67)	Bone cement with medium viscosity 40g.
68)	Bone cement with high viscosity 40g.
69)	Bone cement with Gentamycin, low viscosity 20g.
70)	Bone cement with Gentamycin, medium viscosity 20g.
71)	Bone cement with Gentamycin, high viscosity 20g.
72)	Bone cement with Gentamycin, low viscosity 40g.
73)	Bone cement with Gentamycin,medium viscosity 40g.
74)	Bone cement with Gentamycin,high viscosity 40g.
75)	Bone cement with Gentamycin+clindamycin, 40g.
76)	Bone cement with Gentamycin+vancomycin,40g.
77)	Bone cement with Tobramycin, 40g.

78)	Bone cement mixing bawl with spatula,SS
79)	Disposable cement gun.
80)	<p><b>Re-usable vacuum mixing Cement Gun set, (Autoclavable)</b></p> <ul style="list-style-type: none"> <li>• Re-usable cement gun with vacuum mixing (Autoclavable).</li> <li>• Accessories for vacuum mixing cement gun.</li> <li>• Vacuum pump.</li> </ul>
	<b>HIP REPLACEMENT SYSTEM</b>
81)	<p><b>Non cemented Bipolar Hip Prosthesis (Modular Type)</b></p> <ul style="list-style-type: none"> <li>• Cup &amp; Head various Sizes with various neck length.</li> <li>• Non cemented Bipolar Hip Prosthesis (Modular Type) HA coated femoral Stem various Sizes</li> </ul>
82)	<p><b>Non cemented Bipolar Hip Prosthesis</b></p> <ul style="list-style-type: none"> <li>• Non cemented Bipolar Hip Prosthesis (Modular Type)Cup &amp; Head various Sizes with various size neck length.</li> <li>• Non cemented Bipolar Hip Prosthesis (Modular Type) Porous coated femoral Stem various Sizes .</li> </ul>
83)	<b>Basic Cemented Total Hip Replacement Instrumentation set</b>
84)	<p><b>Basic Cemented Total Hip System</b></p> <ul style="list-style-type: none"> <li>• Total Hip Acetabular cups various sizes</li> <li>• Total hip Metal Head Dia 22,26,28mm with various neck length</li> <li>• Femoral stem various sizes.</li> <li>• Stem centralizer</li> </ul> <p>Cement restrictor</p>
85)	<p><b>Basic Cemented Total Hip System with LPW</b></p> <ul style="list-style-type: none"> <li>• Modular Stem (Stainless Steel) Smal, Medium , Large ,Double tapered,Highly</li> <li>• Polished,Collar Less,Self Centering, Variable Offsets.</li> <li>• Modular Internal Head 22 ,26,28 mm (Stainless Steel) -with various neck length.</li> <li>• Modular THR 10 Degree Acetabular cup with LPW:</li> <li>• Stem centralizer</li> <li>• Cement restrictor</li> </ul>
86)	<p><b>BASIC Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Cementless Hip System fully HA Coated Titanium alloy femoral stem with various Sizes.</li> <li>• Cementless Hip System metal head- 28 mm with variable neck length.</li> <li>• Cementless Hip System Acetabular cup Cementless poro Coated with option of screws.</li> <li>• Cementless Hip System Acetabular highly crosslink Poly cup liner with 10 Degree LPW different sizes.</li> <li>• Bone screw to fix the cup.</li> </ul>
87)	<p><b>BASIC Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Cementless Hip System Porous Coated Titanium alloy femoral stem with various Sizes.</li> <li>• Cementless Hip System metal head- 28 mm with variable neck length.</li> <li>• Cementless Hip System Acetabular cup Cementless poro Coated with option of screws.</li> <li>• Cementless Hip System Acetabular highly crosslink Poly cup liner with 10 Degree LPW different sizes.</li> <li>• Bone screw to fix the cup.</li> </ul>



88)	<p><b>BASIC Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Cementless Hip System proximal HA Coated Titanium alloy femoral stem(Double tapered)various sizes.</li> <li>• Cementless Hip System metal head- 28 mm with variable neck length.</li> <li>• Cementless Hip System Acetabular cup Cementless HA Coated with option of screws.</li> <li>• Cementless Hip System Acetabular highly crosslink Poly cup liner with 10 Degree LPW different sizes.</li> <li>• Bone screw to fix the cup.</li> </ul>
89)	<p><b>Advanced Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Cementless Hip System HA /PORO coated femoral stem,various sizes.</li> <li>• Cementless Hip System Metal head- 32,36 mm with variable neck length.</li> <li>• Cementless Hip System acetabular cup - HA/PORO coated with option of screws, Should accomodate 32,36 mm head with same cup.</li> <li>• Cementless Hip System acetabular highly crosslink polycup liner with 10 Degree LPW different sizes,should Accomodate 32,36 head.</li> <li>• Bone screw to fix the cup.</li> </ul>
90)	<p><b>Advanced Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Cementless Hip System HA/PORO Coated femoral stem, different sizes.</li> <li>• Cementless Hip System ceramic head (Bilox-Delta)- 32,36 mm with variable neck length.</li> <li>• Cementless Hip System acetabular cup - HA/PORO coated with option of screws, Should accomodate 32,36 mm head with same cup.</li> <li>• Cementless Hip System acetabular highly crosslink poly cup liner with 10 Degree LPW different sizes,should Accomodate 32,36 head.</li> <li>• Bone screw to fix the cup.</li> </ul>
91)	<p><b>Advanced Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Cementless Hip System HA/PORO Coated femoral stem, different sizes.</li> <li>• Cementless Hip System ceramic head (Bilox-Delta)- 32,36 mm with variable neck length.</li> <li>• Cementless Hip System acetabular cup - HA/PORO coated with option of screws, Should accomodate 32,36 mm head with same cup.</li> <li>• Cementless Hip System acetabular ceramic liner,should Accomodate 32,36 head.</li> <li>• Bone screw to fix the cup.</li> </ul>
92)	<p><b>High performance Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• PRIMARY FEMORAL STEM:- Non cemented primary femoral tapered short,rounded tipped short stem made of titanium alloy porocoated with layer of HA allowing preservation of femoral neck.</li> <li>• NON CEMENTED ACETABULAR CUP:-NonCemented hemispherical acetabular cup made of titanium alloy with peripheral anti rotation fins with inbuilt ceramic liner made of zirconia &amp; alumina, with different diameters.</li> <li>• CERAMIC FEMORAL HEAD FOR CUP:-Ceramic femoral head with various sizes.</li> <li>• FEMORAL ADAPTOR SLEEVE:- Femoral adaptor sleeve made of titanium alloy with clean taper fit and compatible with the inner ceramic taper of the femoral head with different sizes</li> </ul>
93)	<p><b>High performance Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• UNCEMENTED FEMORAL STEM :- Uncemented primary femoral tapered blade style stem made of titanium alloy with poro coating with high friction titanium coating. with anterior &amp; posterior longitudinal flute, Should be proximal femoral bone preserving.</li> <li>• Bilox- Delta ceramic head- 32,36 mm with variable neck length.</li> <li>• Uncemented hip system acetabular cup HA/PORO coated with option of screws, Should</li> </ul>

	<p>accommodate 32,36 mm head with same cup.</p> <ul style="list-style-type: none"> <li>• Uncemented hip system acetabular highly crosslink poly cup liner with 10 Degree LPW, various sizes, should Accommodate 32,36 head.</li> <li>• Bone screw to fix the cup.</li> </ul>
94)	<p><b>High performance Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Uncemented hip system HA/PORO coated femoral stem, various sizes.</li> <li>• Bilox-Delta ceramic head- 32,36 mm with variable neck length.</li> <li>• Uncemented trabecular metal cup different sizes accommodate large head with screw option.</li> <li>• Uncemented hip system Acetabular highly crosslink Polycup liner with 10 Degree LPW , various sizes, should Accommodate 32,36 head.</li> <li>• Bone screw to fix the cup.</li> </ul>
95)	<p><b>High performance Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Uncemented Femoral Stem, Proximal Sleeve, Femoral Head--Femoral Head: 36 mm ceramic head of alumina &amp; zirconia with different neck length. stem:-Noncemented proximal loading option Titanium Alloy, Tapered with coronal slot &amp; Distal flutes , Variable Neck Length diameter &amp; offset. sleeve:-porocoated proximal femoral sleeve with locking mechanism with femoral stem , various sizes.</li> <li>• Noncemented titanium acetabular cup with gription poro coating with locking mechanism for liner, various sizes with screw locking option.</li> <li>• Highly crosslink Poly cup liner with 10 Degree LPW different sizes, should Accommodate 32,36 head.</li> <li>• Bone screw to fix the cup.</li> </ul>
96)	<p><b>Revision Cemented Hip System</b></p> <ul style="list-style-type: none"> <li>• Cemented long Stem , various sizes &amp; offsets.</li> <li>• Acetabular cup with LPW.</li> <li>• Large diameter Head 32,36</li> <li>• Stem centralizer</li> <li>• Cement restrictor</li> </ul>
97)	<p><b>Revision Cementless Hip System</b></p> <ul style="list-style-type: none"> <li>• Revision Uncemented Acetabular Cup :- Multi hole titanium alloy acetabular shells with a full 180 degree hemisphere poro coated with option of multiple screw holes for fixation with options to fit all liners (Metal, ceramic &amp; poly) of various sizes .</li> <li>• Revision Acetabular Screw:- 5.5 Titanium Alloy Acetabular revision screws for peripheral area of cup in various sizes.</li> <li>• 6.5 mm Titanium self tapping cancellous screw for use in central area of the cup.</li> <li>• Uncemented Hip System Acetabular highly crosslink Poly Cup Liner with 10 Degree LPW , various sizes, should Accommodate 32,36 head.</li> <li>• Ceramic femoral head for cup:- Ceramic femoral head made of alumina &amp; zirconia with various sizes.</li> <li>• Distally Interlocked Femoral Reconstruction Revision Hip System- HA Coated Distal locking option with various diameter &amp; length with the provision of reconstruction of trochanter &amp; cerclage cable hole.</li> <li>• Distal Interlocked Screw--Titanium Distal locking self tapping various sizes.</li> </ul>
98)	<p><b>Cementless Acetabular Reconstruction system</b></p> <ul style="list-style-type: none"> <li>• Acetabular Reconstruction system-Acetabular reconstruction titanium ring with HA coated acetabular shell with option of multiple central &amp; peripheral screws with corresponding screws(8 screws).</li> </ul>

	<ul style="list-style-type: none"> <li>• Posteriorly lipped highly crosslinked poly liner-various sizes.</li> <li>• Bilox-Delta ceramic femoral head for cup, various sizes.</li> <li>• Femoral Revision System-Distally fixed revision femoral stem, porous coated,with calcar replacement options different diameter.</li> <li>• Acetabular Mesh,SS</li> <li>• Acetabular Mesh,Titanium</li> <li>• Femoral mesh,Titanium</li> <li>• Acetabular Cage, various sizes,Titanium</li> </ul>
	<b>KNEE REPLACEMENT SYSTEM</b>
99)	<b>Basic TKR Pcl sacrificing Instrumentation set</b>
100)	<b>Basic TKR Pcl sacrificing</b> <ul style="list-style-type: none"> <li>• Femoral Component ,Co-Cr,various sizes</li> <li>• Tibial Component,Titanium Alloy, various sizes</li> <li>• Tibial insert, various sizes</li> </ul> Patellar Button, various sizes
101)	<b>High flex knee system PS</b> <ul style="list-style-type: none"> <li>• Total Condylar, PCL substituting ,Fixed Bearing / Mobile Bearing with the provision of high Flex Knee system consist of following Components:- Femoral Component,Tibial component,Tibial Insert.</li> </ul>
102)	<b>HIGH FLEX KNEE SYSTEM CR</b> <ul style="list-style-type: none"> <li>• Cruciate retaining high flexion knee system consist of following Components:- Femoral Component, Titanium Tibial Tray , Highly cross linked poly insert .</li> </ul>
103)	<b>Advanced Knee System</b> <ul style="list-style-type: none"> <li>• Posterior stabilized fixed bearing femoral components with ability to attach extender stems .</li> <li>• Highly crosslinked poly insert with locking mechanism ,with option of both cruciate substituting and retaining various sizes.</li> <li>• Co-Cr tibial tray with ability to attach extention stem ,various sizes.</li> <li>• Patella along with three pegs.</li> </ul>
104)	<ul style="list-style-type: none"> <li>• <b>Patient specific Total knee Prosthesis:-</b>consists of FEMORAL &amp; TIBIAL component,TIBIAL INSERT. The TKR design should be patient 's own CT or MRI based ,the mechanical based alignment to be matched with patient's own mechanical axis,the cutting Block must provide patient's own reference for distal femoral &amp; proximal tibial cut,it should have robust design and should have faster turn around time(less than 4 weeks).</li> </ul>
105)	<b>Revision knee system</b> <ul style="list-style-type: none"> <li>• Semi constraint total knee prosthesis:- Femoral component with the ability to accept any kind of metal augments &amp; offset extension stem.</li> <li>• Femoral metal augment for distal &amp; posterior femur-various sizes</li> <li>• Femoral extension stem-various offset &amp; sizes</li> <li>• Tibial component with ability to accept varoius sizes tibial augmentation blocks,wedges &amp; extension stem .</li> <li>• Semi constraint tibial knee inserts -all sizes</li> <li>• Metal tibial wages-step,hemi &amp; full of various sizes and thickness</li> <li>• Tibial extension stem-various offset &amp; sizes</li> </ul>

106)	<b>Semi constraint total knee prosthesis System</b> <ul style="list-style-type: none"> <li>• Semi constraint total knee prosthesis:- Femoral component with the ability to accept any kind of poro coated metaphyseal sleeves &amp; offset extension stem.</li> <li>• Metaphyseal porocoated femoral sleeves,various sizes.</li> <li>• Femoral extension stem-various offset &amp; sizes</li> <li>• Semi constraint mobile bearing tibial knee inserts -all sizes</li> <li>• Tibial component -mobile bearing tray with ability to accept varoius sizes poro coated metaphyseal sleeves &amp; extension stem .</li> <li>• Metaphyseal porocoated tibial sleeves,various sizes.</li> <li>• Tibial extension stem-various offset &amp; sizes</li> </ul>
107)	<b>Cable wiring system SS</b> <ul style="list-style-type: none"> <li>• Cable wire with sleeves, SS</li> <li>• Sleeve for cable wire-SS</li> </ul>
108)	<b>Cable wiring system Co-Cr</b> <ul style="list-style-type: none"> <li>• Cable wire with sleeves, Co-Cr</li> <li>• Sleeve for cable wire-Co-Cr</li> </ul>
	<b>SHOULDER REPLACEMENT SYSTEM</b>
109)	<b>Hemi -shoulder Arthroplasty.</b> <ul style="list-style-type: none"> <li>• Neer Prosthesis - Fixed Shoulder various Sizes.</li> </ul>
110)	<b>Modular hemi shoulder Set</b> <ul style="list-style-type: none"> <li>• Hemi-shoulder stem,Co-Cr .</li> <li>• Hemi-shoulder Humeral Head</li> </ul>
111)	<b>Total Shoulder replacement prosthesis system</b> <ul style="list-style-type: none"> <li>• Total shoulder humeral stem with holes in fins for muscle and soft tissue reconstruction-cemented/uncemented.</li> <li>• Humeral Head.</li> <li>• Glenoid prosthesis crosslinked poly.</li> </ul>
112)	<b>Reverse shoulder prosthesis system</b> <ul style="list-style-type: none"> <li>• Cemented Humeral Stem with 0 - 10 Degree Retroversion,Co-Cr.</li> <li>• Non Cemented Humeral Stem with 0 - 10 Degree Retroversion,Co-Cr.</li> <li>• High mobility humeral polythelene cup.</li> <li>• Glenoid implant with fixation screws.</li> <li>• Locking/Non Locking fixation screws.</li> </ul>
	<b>ELBOW REPLACEMENT SYSTEM</b>
113)	<b>Elbow Arthroplasty</b> <ul style="list-style-type: none"> <li>• Elbow Prosthesis- Total Elbow Implant with accessories i)Humeral Component- various sizes Ulna Component-various sizes</li> </ul>
114)	<b>Pulse Lavage</b> <ul style="list-style-type: none"> <li>• Pulse Lavage wound debridement system (Disposable battery operated with concurrent suction and fan spray tip)</li> </ul>
115)	<b>Spacers for hip and knee</b> <ul style="list-style-type: none"> <li>• Antibiotic Spacers for hip joint(High resistance bone cement body loaded with antibiotic ), All sizes.</li> <li>• Antibiotic Spacers for knee joint ,All sizes</li> </ul>

	<b>STERILE DISPOSABLE DRAPES</b>
	(All drapes should be single use with well packed in peel off pouche with inbuilt Ethylene Oxide(E.O) indicator having shelf life not less than 3 years,product should have ISI/ISO certified ) & should have sterilization certificate from sterilizing source.
116)	Sterile U- Draps with adhesive strip(Double layer Disposable),200 X 240 cm medical fabric not less than 60 GSM
117)	Sterile U- Draps with adhesive strip(Double layer Disposable),160 X 200 cm medical fabric not less than 60 GSM
118)	Sterile Knee O drape with adhesive strip(reinforced impermeable 3 layer fabric), 200X320 cm
119)	Sterile Elbow Drape with adhesive strip(reinforced impermeable 3 layer fabric), 150 X 250 cm
120)	Sterile Knee Drape with adhesive strip(reinforced impermeable 3 layer fabric) with absorbent centre sheet size 75x100 cm & total size 120 x 160 cm.
121)	Sterile Hip U Drape with adhesive strip(reinforced impermeable 3 layer fabric)with absorbent centre sheet size 100x150 cm & total size200 x 300 cm.
122)	Sterile Hip U Drape with adhesive strip(reinforced impermeable 3 layer fabric)with absorbent centre sheet size 100x150 cm & attached leg pouch, total size 200 x 240 cm,Medical Grade SMS (SMS=Spun +Melt bloun+Spun)Fabric.
123)	Sterile Spinal drape(reinforced impermeable 3 layer fabric)with adhesive strip on central aperture ,8X12 cm,with absorbent centre sheet size 100x150 cm , total size150x300 cm.
124)	Sterile Knee Arthroscopy drape (reinforced impermeable 3 layer fabric)sz:200X300cm with fluid collection pouch.
125)	Sterile Cling Film Roll,12X100 cm.
126)	Disposable sterile water proof sheets (double packed),150X200 cm.
127)	Incise drape 20X30 cm
128)	Incise drape 30X30 cm
129)	Incise drape 30X45 cm
130)	Incise drape 40X45 cm
131)	Incise drape 45X60 cm
132)	Povidone Iodine Impregnated Incise drape 20X(20-30) cm
133)	Povidone Iodine Impregnated Incise drape 25X(30-40) cm
134)	Povidone Iodine Impregnated Incise drape 30X(45-55) cm
135)	Povidone Iodine Impregnated Incise drape 35X(55-65) cm
136)	Povidone Iodine Impregnated Incise drape 40X60 cm
137)	Camera Cover (Presterile disposable) with 2 tying string.
138)	Cable Cover (Presterile)
	<b>BRACES, SPLINTS AND ORTHOSIS</b>
139)	Cervical Collar soft with eyelets -Contour to accommodate chin,Double layered foam,S/M/L.
140)	Cervical Collar soft with eyelets -Contour to accommodate chin,Double layered foam,XL.
141)	Cervical Collar hard (adjustable type) -Contour to accommodate chin,
142)	Philadelphia Collar , S/M/L
143)	Somi Brace ,Universal Size
144)	Dorso lumbar spinal orthosis Taylor's Spinal Brace,small
145)	Dorso lumbar spinal orthosis Taylor's Spinal Brace,medium
146)	Dorso lumbar spinal orthosis Taylor's Spinal Brace,large

147)	A.S.H Brace(Hyper extension brace )adaptable to fit all sizes
148)	L.S. Brace with four mouldable alluminium strip,Small
149)	L.S. Brace with four mouldable alluminium strip,Medium
150)	L.S. Brace with four mouldable alluminium strip,Large
151)	L.S. Brace with four mouldable alluminium strip, Xtra Large
152)	Clavicular Brace (Children) ,S/M/L
153)	Clavicular Brace (Adult) ,S/M/L
154)	Rib Belt Male- Breathable 6" width elastic band,velcro closure,S/M/L
155)	Rib Belt Male- Breathable 6" width elastic band,velcro closure,XL
156)	Rib Belt Female- Breathable 6" width elastic band,velcro closure, design to fit properly to female patient,S/M/L
157)	Rib Belt Female- Breathable 6" width elastic band,velcro closure, design to fit properly to female patient,XL
158)	Knee Cap(multi directional stretch)-Should be made of high quality elastic band of minimum10" width,Tubular design,S/M/L
159)	Knee Cap(multi directional stretch)-Should be made of high quality elastic band of minimum10" width,Tubular design,XL
160)	Knee Cap with patellar hole Neoprene material,Universal size
161)	Elastic Knee support with hinges -should have minimum 9" elastic panel as base material,rigid metallic hinge splints(2No's),Multi panel velcro buckle closure for proper fitting,S/M/L
162)	Elastic Knee support with hinges -should have minimum 9" elastic panel as base material,rigid metallic hinge splints(2No's),Multi panel velcro buckle closure for proper fitting,XL
163)	Post operative Knee immobilizer -Should be made of breathable,foam fused fabric,lateral & posterior light-metal stays,pre contoured for easy walking,splint should be flexible so that it can be bent or straightened,buckle and velcro closure above & below knee for proper fitting,S/M/L
164)	Post operative Knee immobilizer -Should be made of breathable,foam fused fabric,lateral & posterior light-metal stays,pre contoured for easy walking,splint should be flexible so that it can be bent or straightened,buckle and velcro closure above & below knee for proper fitting,XL
165)	Knee brace with hinges with patellar cushion,S/M/L
166)	Knee brace with hinges with patellar cushion,Xtra Large
167)	Knee brace without hinges with patellar cushion,Small
168)	Knee brace without hinges with patellar cushion,Medium
169)	Knee brace without hinges with patellar cushion,Large
170)	Knee brace without hinges with patellar cushion,Xtra Large
171)	Range of motion Knee Brace,S/M/L
172)	Range of motion Knee Brace,XtraLarge
173)	Arm Sling Pouch -should be made up of Soft quality fabric,should have Non stretching strap,Adjustable,closure with velcro plastic buckles,S/M/L
174)	Arm Sling Pouch -should be made up of Soft quality fabric,should have Non stretching strap,Adjustable,closure with velcro plastic buckles,XL
175)	Shoulder Immobilizer,S/M/L
176)	Shoulder Immobilizer,Xtra Large
177)	Static wrist cock-up splint(Right & Left),S/M/L
178)	Dynamic wrist cock-up splint(Right & Left).
179)	Foot drop splint,S/M/L
180)	Foot drop splint, XL
181)	Boot and Derotation Bar Splint
182)	Bolster ,S/M/L.

183)	Triangular pillow for abduction of Hip.
184)	Kramer wire splint :Width 7.5 cm,L 100 cms
185)	Kramer wire splint :Width 10 cm, L 100 cms
186)	Thomas splint (well padded thigh ring), small
187)	Thomas splint (well padded thigh ring),medium
188)	Thomas splint (well padded thigh ring),Large
189)	Bohler brown splint , small
190)	Bohler brown splint, medium
191)	Bohler brown splint, Large
192)	Bohlers stirrup, small
193)	Bohlers stirrup ,medium
194)	Bohlers stirrup ,Large
195)	Screws for Bohler stirrup
196)	Walker- <b>Fixed Type</b>
197)	Walker- <b>Adjustable &amp; foldable</b> (coated aluminium frame work with comfortable hand grips.
198)	Auxillary crutches(adjustable height),Aluminium
199)	Lumbar traction kit with rod (all sizes)
200)	Cervical traction kit with rod (all sizes)- Soft foam padding
201)	Pelvic traction kit with Rod.
202)	B/K Skin traction kit with velcro strap.
203)	Leg traction kit with pulley.
204)	Buck Pulley.
	Plastic pulley single.

निविदाकर्ता संस्था प्रमुख के हस्ताक्षर .....

निविदाकर्ता संस्था प्रमुख का नाम .....

(स्पष्ट अक्षरों)

संस्था का नाम एवं पूर्ण पता एवं सील .....