NOT TRANSFERABLE

JAMMU AND KASHMIR MEDICAL SUPPLIES CORPORATION LTD.

(Public Sector Undertaking of the Government of Jammu and Kashmir)
Corporate Head Office: GMC Complex, Bakshi Nagar Jammu : **Tele:** 0191-2580842
Corporate Office: 121-Green Avenue, Hyderpora (J&K)-190014: **Telefax**: 0194-2432008
email: jkmsclepm@gmail.com **website**: www.jkmscl.nic.in

JKMSCL

E BID FOR THE PROCUREMENT OF CARDIAC DEVICES USED IN CATH LAB, LAPROSCOPY INSTRUMENTS AND NEUROSURGEY INSTRUMENTS

(REFERENCE NO: NIT/JKMSCL/SPL-INST/2016/ DATED / /2016)

LAST DATE OF SUBMISSION OF ONLINE BIDS: 18.10.2016 upto 1600 hrs

Bidding Document for Purchase of

CARDIAC DEVICES USED IN CATH LAB, LAPROSCOPY INSTRUMENTS AND NEUROSURGEY INSTRUMENTS

(Procurement of Goods: Single Stage-Two Bids)

Table of Contents

(To be submitted on letter head of Firm)

Bid Submission Letter

(*Declaration Form-Cum -Check List)*

Subject: - Regarding Bid submission for **NIT/JKMSCL/SPL-INST/2016/ DATED .09.2016**

I/We…..... *(Name, Designation and Address of Bidder)*..... having our office at…..... *(Address of Firm)*..... do declare that I/We have read all the terms & conditions of the bid document floated by JKMSCL and agree to abide by all the terms & conditions set forth therein.

I/We declare that we are participating in this bid in the capacity of ……..…… *(Manufacturer /Direct Importer/Distributor/Authorized Dealer of the original manufacturer ……..…….....* I/We enclose valid Manufacturing license/Import license along with authorization by foreign principal manufacturer/ authorization from principal manufacturer in case of Distributors/Authorized Dealers of the original manufacturer/importer.

I/We further declare that the rates offered by us shall remain valid for the period of 12 months and shall reduce the rates, if the rates are reduced by us for any other buyer during this period within Union of India . I/We enclose the following documents as per details given below: -

S. No	Item	Particular (Page No.)
1.	Technical bid submission sheet (Annexure I)	
2.	Self attested photocopy of IEC certificate and permission/ authorisation or sale from the foreign principal manufacturer (authorization letter of principal company) /principal manufacture	
3.	BIS License with schedule for ISI marked products quoted, if applicable	
4.	Self attested photocopy of ISO & BIS certificate for quoted Items	
5	Latest Sales Tax clearance certificate/affidavit (up to dated 31.03.16) supported by balance sheets	
6	Specify point of supply with full Address	Full Address .....
7	Undertaking of non- debarring (on Non Judicial stamp paper of 100/-)	
8	Statement of past supplies	
9	Letter of acceptance for terms & conditions	
10.	Authorisation from foreign principal manufacturer (applicable in case of direct importer only)	
11.	Authorisation of the bidder by the firm	
15.	Pan card along with Income tax return for the assessment year 2015-16	
16	Name, photograph & specimen signature of the bidder or designated officer/ person who is authorized by the firm to bid and make correspondence with the JKMSCL. *Also attach photo ID.*	Name..... Signature..... Full address..... Mobile No:..... e-mail address : .....

Dated Name and signature of bidder with seal

Note : 1. The documents submitted at the time of registration of firm need not to be re-submitted. Only the documents, wherever the validity of the submitted documents has expired shall be uploaded in the technical bid.

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email: enquiryjkmscl@gmail.com; jkmsclepm@gmail.com **website**: www.jkmscl.nic.in

Tender No. **NIT/JKMSCL/SPL-INST/2016/**

Dated .09.2016

NOTICE INVITING TENDER

On Behalf of Jammu & Kashmir Medical Supplies Corporation Limited, e-bid under two cover system (Technical bid in cover 1 and Financial bid in cover-2) is invited for the finalization of Annual Rate Contract for the procurement of "**Cardiac Devices used in Cath Lab., Laparoscopy Instruments and Neurosurgery Instruments"** from the manufacturers/direct importers/authorized distributors/dealers of the manufacturers/direct importers. Detailed tender document may be downloaded at J&K Govt. Portal www.jktenders.gov.in, www.jkmsclbuisness.com . The cost of the tender alongwith tender processing fee shall be deposited against the Demand Draft of Rs. 10000/- (Rupees Ten thousand only/-) as tender charges i.e Rs. 5000/- only as cost of tender & Rs. 5000/- only as tender processing fee, drawn on any of the Scheduled/Nationalised bank in favour of Jammu & Kashmir Medical Supplies Corporation Limited Payable at Jammu/Srinagar. In case of SSI units, the cost of tender fee shall be Rs. 100/-, tender processing fee shall be Rs. 5000/- and Earnest money deposit Rs. 5000/-

Managing Director
Jammu and Medical Supplies Corporation Ltd.

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email: jkmsclepm@gmail.com **website**: www.jkmscl.nic.in

E BID FOR THE PROCUREMENT OF :
Cardiac Devices used in Cath Lab., Laparoscopy Instruments and Neurosurgery Instruments

Date of publication of e-bid	:	15.09.2016 at 12.00 hrs
Start date and time for download of bid document	:	15.09.2016 at 12.00 hrs
Last date and time for download of bid document	:	18.10.2016 at 1400 hrs
Clarification start date	:	15.09.2016 at 1200 hrs
Clarification end date	:	20.09.2016 upto 1600 hrs
Pre- bid conference:	:	26.09.2016 at 1100 hrs
Start date and time for submission of online bids	:	15.09.2016 at 1200 hrs
Last date and time for submission of online bids	:	18.10.2016 at 1600 hrs
Date and time for online opening of technical bids	:	19.10.2016 at 1100 hrs
Last date for registration of firm	:	15.10.2016 upto 1600 hrs
Cost of tender document	:	Rs. 5000/- (For SSI Unit Rs. 100/-)
Tender Processing Fee	:	Rs. 5000/-

NB : The bidder other than SSI unit have to submit Rs. 10,000/- as tender charges in the form of single bank draft. In case of SSI units the amount of demand draft shall be Rs. 5100/-

Earnest money deposit in the shape of FDR/CDR : Rs.50,000/- (for SSI Units Rs. 5000/-)

NB: Cost of bid document/tender processing fee shall be accepted in the form of demand draft. However EMD shall be accepted in the form of FDR/CDR from scheduled/nationalised bank or BG from Nationlaised Bank.

Note: -

1. The firms/bidders has to register themselves under Group "Surgical Items (Instruments/Disposables) & Machinery & Equipment"
2. The bidder shall have to get their self updated with the date & time fixed for Pre-bid as per the item list. After pre-bid meeting necessary changes in bid conditions shall be done after the approval of the competent authority. Bid should be submitted through e-portal **www.jktenders.gov.in** after pre-bid meeting including all the clarifications/ modifications/ amendments.
3. Corrigendum/addendum shall be the integral part of terms & conditions of bid which shall be duly signed and attached with the bid document by the bidder.
4. The JKMSCL is not bound to accept the lowest bid and may reject any/part thereof or all bids without assigning any reason thereof.
5. The bidders shall have to submit a valid 'VAT' clearance certificate from the concerned commercial taxes Officer and the 'PAN' issued by income tax department.
6. It is clarified that the information required in bidding document should be submitted only in enclosed format bidding forms without any change or modification in its formats. Bids submitted with changed or modified annexure/ formats shall be rejected.
7. Information of award of contract shall be communicated to all participating bidders on the website www.jktenders.gov.in**.** www.jkmsclbuisness.com
   Note: - *If any amendment/clarification is carried out in the technical specifications and bid terms & conditions following pre-bid meeting or any other information, the same shall also be uploaded on the websites mentioned*

above.

TABLE-1

1. The Average Annual Turn Over required for the item(s) pertaining to the above said Group **shall be Rs. 02.00 crores**. Only the bid(s) falling under the category as specified under Annual Turnover is accepted. The bid(s) not falling under the Annual Turnover clause shall be out rightly rejected.

S. No.	Details of Groups	Average Annual Turnover for the last three years
1.	**Cardiac Devices used in Cath Lab., Laparoscopy Instruments and Neurosurgery Instruments**	**05.00 (Five) crores**

2. The documents submitted by the firm at the time of registration needs not be re-submitted with the technical bid. However, the latest documents if any, (wherever the submitted documents are expired) at the time of tender shall be uploaded with the technical bid.
3. **The bidder shall submit catalogues of the items quoted with the technical bid. However, the samples (Group wise i.e separate set of instrument(s)/devices for each quoted group) on demand, if required shall be asked for demonstration purpose**. Original brouches/cataluge and product information shall be submitted in separate envelope alongwith draft/FDR/CDR/BG at JKMSCL. The brochure/catalogues and other product information submitted should be signed by the authorized signatory of the company/vendor/manufacturer.
4. No minimum quantity is guaranteed and the bidder shall not claim or compensation from the Jammu & Kashmir Medical Supplies Corporation Ltd.
5. **Unsigned catalogues/brouchers pertaining to the equipment information shall not be considered & the tender for the said firm shall be out-rightly rejected.**
6. **The bidder also needs to submit the hardcopy(ies) of E.bid uploaded on jkportal www.jktender.gov.in atleast one day prior to the opening of technical bid, otherwise technical bid for the said bidder shall not be considered for evaluation and hence e.bid shall be out rightly rejected.**

D I S C L A I M E R

The information contained in this bid document for proposed procurement or subsequently provided to the Bidder(s), in documentary or any other form by or on behalf of the Jammu and Kashmir Medical Supplies Corporation ltd. (procuring entity) or any of its employees or advisors, is provided to bidder(s) on the terms and conditions set out in this bid and such other terms and conditions subject to which such information is provided to the bidder.

Whilst the information in this bid has been prepared in good faith and contains general information in respect of the proposed procurement, the bid is not and does not purport to contain all the information which the bidder any require.

Jammu and Kashmir Medical Supplies Corporation Ltd., does not accept any liability or responsibility for the accuracy, reasonableness or completeness of, or for any errors, omissions or misstatements , negligent or otherwise, relating to the proposed procurement, or makes any representation or warranty, express or implied, with respect to the information contained in this bid or on which this bid is based or with respect to any written or oral information made or to be made available to any of the recipients or their professional advisers and liability therefore is hereby expressly disclaimed.

This document is neither an agreement and nor an offer or invitation by the Jammu and Kashmir Medical Supplies Corporation Limited, (hereinafter referred to as "procuring entity") to the prospective bidders or any other person. The purpose of the bid document is to provide interested parties with information to assist the formulation of their proposal/offer. The information contained in this bid document is selective and is subject to updating expansion, revision, and amendment. Each recipient must conduct its own analysis of the information contained in this bid document or to connect any inaccuracies therein that may be in this bid document and is advised to carry out its own investigation into the proposed procurement, the legislative and regulatory regime which applies thereto and by and all matters pertinent to the proposed procurement and seek its own professional advice on the legal, financial, regulatory and taxation consequences of the entering into any agreement or arrangement relating to the proposed procurement.

This bid document includes certain statements, estimates and targets with respect to the procurement. Such statements, estimates and targets reflect various assumptions made by the procuring entity, (and the base information on which they are made) which may or may not prove to be correct. No representation or warranty is given as to the reasonableness of forecasts or the assumptions on which they may be based and nothing in this bid document is, or should be relied on as, a promise, representation, or warranty. Bid document and the information contained therein is meant only for those applying for this procurement, it may not be copied or distributed by the recipient to third parties, or used as information source by the bidder or any other in any context, other than applying for this proposed procurement.

The procuring entity is, its employees and advisors make no representation or warranty and shall have no liability to any person, including any bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this bid document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the bid document and any assessment, assumption, statement or information contained therein or deemed to form part of this bid document or arising in any way for participation in this bidding process.

The procuring entity also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any bidder upon the statements contained in this bid document.

The procuring entity may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this bid document.

The issue of this bid document does not imply that the procuring entity is bound to select a bidder or to appoint the selected bidder or bidder, as the case may be, for the procurement and the procuring entity reserves the right to reject all or any of the bidders or bids at any point to time without assigning any reason whatsoever.

The bidder shall bear all its costs associated with or relating to the preparation and submission of its bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the procuring entity or any other costs incurred in connection with or relating to its bid. All such costs and expenses shall remain with the bidder and the procuring entity shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a bidder in preparation or submission of the bid, regardless of the conduct or outcome of the bidding process.

Any information/documents including information/ documents pertaining to this bid or subsequently provided to bidder and/or selected bidder and information/documents relating to the bidding process; the disclosure of which is prejudicial and/or detrimental to, or endangers, the implementation of the procurement is not subject to disclosure as public information/documents.

Managing Director
Jammu and Kashmir Medical Supplies Corporation Ltd

Section-I Instruction To Bidders (ITB)

Before uploading bid, kindly go through the following instructions carefully so that your bid may not be considered invalid:

Clause No.	Description
1.	**Only Registered firms with JKMSCL are allowed to participate in the tendering process. The registration of the bidders / manufacturers / dealers shall be carried in the Corporate Offices of JKMSCL** as per the details mentioned in Annexure "AIV.
2.	Go through the terms and conditions, annexure and other forms of the document carefully and meticulously & get your digital signatures available for uploading.
3.	Bid form must conform the terms & conditions of the bid documents and **Technical Bid in Cover-'A' & Financial Bid in Cover-'B' to be uploaded on www.jktenders.gov.in. The cost of tender, tender processing fee, EMD and catalogues of the quoted items shall be submitted in the office of JKMSCL atleast one day prior to submission of online bids. No tender document is accepted in physical form**
4.	It is expected from all bidders that DD/CDR/FDR/BG in separate envelope shall be deposited with the authorised person of JKMSCL at reception against proper receipt from thee concerned.
5.	Correspondences/Complaints lodged to JKMSCL should bear signature, name, I.D proof and mobile number of the complainant. Unauthenticated correspondence/complaints may not be acted upon. If any bidder intends to lodge a complaint or make a suggestion with regards to some bid condition, it shall be done in the Pre-bid conference, in the office of JKMSCL in writing. After the stipulated period as decided by the JKMSCL, no such complaint/ suggestion would normally be considered.
6	Certificates/Licenses/Documents which are required should be complete and updated. The bidder shall submit acceptance of terms and conditions of the tender document as annexure.
7	If there is any query in bid document/uploading process, bidder may contact JKMSCL office at Jammu/Srinagar during working hours i.e 1000 hrs to 1600 hrs on ph. 0191-2580842, 0194-2432008 or e mail on, jkmsclj@gmail.com jkmsclepm@gmail.com
8	In case a bidder is given any assurance what so ever of being provided with any advantage in JKMSCL by anybody or if a bidder is directly or indirectly threatened of being put to some deliberate disadvantage in the bidding process & in the bidder's subsequent association/ working with JKMSCL, it is requested that the concerned must immediately inform about the same to the Managing Director, JKMSCL/G.M (Adm), JKMSCL in writing or through e-mail on jkmsclj@gmail.com or jkmsclepm@gmail.com. It is advised that evidence of such unfair activity of such person, if available, is produced along with the complaint, so that action can be taken against such a person(s) and that their details can be put on the website so that other bidders can be forewarned in this regard.
9	The JKMSCL is not bound to accept the lowest bid and may reject any or all bids without assigning any reason thereof.
10	The Bidders shall have to submit a valid 'VAT' clearance certificate from the concerned commercial taxes officer or affidavit and the 'PAN' issued by income tax department.
11	It is clarified that the information required in bidding document should be uploaded as per enclosed bidding form without any change or modification in its formats. Bids submitted with changed or modified annexure/ formats shall outrightly be rejected.

12	The declaration of technical bid in respect of responsive/non responsive bidders shall be uploaded on website **www.jktenders.gov.in** Similarly, information regarding financial bid (L-1) shall also be provided to bidders on above websites. Individual bidders shall not be informed separately.
13	**No firm/bidder/manufacture/importer shall provide/supply any of the product item at the rate contract /approved by JKMSCL to any of the department/NGO/other procuring institute within or outside the State. In case any supply is made without the information to JKMSCL, the supplier/firm shall be liable to be penalised to the tune of 7.5% of order placed/blacklisting for a period not less than five years. However, JKMSCL can procure the items for any of the departments within /outside the State of J&K/after charging the administrative expenses.**

Section-II: Bid Data Sheet (BDS)

Table of Contents

Section-II: Bid Data Sheet (BDS)

Clause No.	Description
1.	**Introduction**
1.1	The Procuring Entity is : Jammu & Kashmir Medical Supplies Corporation Ltd (J&K)
1.2	The expenditure on the subject matter of procurement shall be met by budgetary resources of demanding / indenting officers of the concerned department.
	The goods and related services to be procured are as *per technical specifications*
1.3	The rate shall be valid for 12 months.
2.	**Bidding document**
2.1	Bids are invited from manufacturers/direct importers/ distributors/ authorised dealers of the of the original manufacturers/direct importers. Joint venture will not be allowed.
2.2	The price of the bidding document Rs. 5000/- as tender fee (Rs. 100/- in case of SSI unit of J&K State only) and Rs. 5000/- as tender processing fee in the shape of demand draft (both non-refundable)
2.3	Bid Security : Rs. 50,000/- in the form of FDR/CDR/BG (Rs. 5000/- in case of SSI unit) .
2.4	The Pre-bid meeting will be held at the office of JKMSCL, Jammu and Srinagar
3.	**Preparation of Bids**
3.1	The language of the bid shall be in English only
	The Bidder shall uploaded the following documents with the technical bid : 1. Bid security (EMD) in the shape of FDR/CDR from Scheduled/Nationalised Bank or BG (from Nationalised bank). 2. Bid document cost/tender processing fee (**through demand draft**). 2. In case of Indian manufacturer, valid manufacturing license from competent authority / copy of the registration with Central Excise department. 3. In case of direct Importer/distributor/authorized dealer, Import Export Code (IEC) certificate and permission/authorisation for sale from the foreign principal manufacturer/ principal manufacturer. 4. Declaration by the bidder regarding qualification 6. Declaration of manufacturer/direct importer/distributor/authorized dealer. 7. Authorisation of the dealer/supplier. 8. Bidders shall have to submit a valid 'VAT' clearance certificate from the concerned commercial taxes officer or affidavit and the 'PAN' issued by income tax department. 9. USFDA Certificate/European CE Marking/ ISO/BIS certificate.....etc., *as applicable*. **Note : The above mentioned documents, if already submitted with the registration of firm and are valid as on the date of uploading of e.bid need not to be re-submitted.**
3.2	The Bidder shall upload financial bid submission sheet **(Annexure II)** **N.B : No rate should be quoted/uploaded along with technical bid.** **Rates are to be uploaded on BOQ only.**
3.3	Alternative bids are not permitted.
3.4	Discounts or award of combination of lots shall not be offered.
3.5	For goods offered from outside India/direct importer, the bidder shall quote prices including all kinds of costs like inland transportation, taxes, installation and commissioning charges up to the consignee site, complete in all respect including consumables kit for demonstration (*if any).*

3.6	The terms of quoting price of instruments are inclusive of all taxes/charges with installation and commissioning etc. (wherever required) complete in all respect.
3.7	The prices quoted by the bidder shall be fixed for entire contractual period of equipments. The contract price shall be fixed for a contact period of 12 months of the goods and related services; extendable upto 03 months with mutual consent.
3.8	The bid validity period shall be 120 days from the opening of technical bid.
3.9	a. A bid security/ bid securing declaration shall be required.
	b. Bid security shall be required, the amount and currency of the bid security shall be as mentioned in Table-1.
3.10	The scanned copy of complete bid document filled and signed on each page as per Instructions to bid (ITB) and other requirements need not to uploaded on website www.jktenders.gov.in. However, declaration regarding acceptance of all the terms & conditions and other clauses as given in the tender document duly notarised shall have to be uploaded along with technical bid. Please note that the firm may also submit the tender document as uploaded in physical form.
3.11	The authorisation to sign on behalf of the bidder shall consist of power of attorney by the bidder/any valid certification or the change in bidder shall be resolved in the board of firm/ company which shall be immediately communicated to the JKMSCL. No authorised agent/dealer/supplier shall be allowed to make any declaration which is mandatory required to be made by the MD/chairman/Directors/authorised person designated by the manufacturing company/importer.
4.	**Evaluation and comparison of bid**
4.1	The price preference shall apply as per GCC and SCC provisions.
5.	**Award of Contract**
5.1	If the procuring entity does not procure any subject matter of procurements, the bidder shall not be entitled for any claim or compensation. No minimum quantity is guaranteed.
5.2	The period within which the contract agreement is to be executed and performance security is to be submitted is 15 days from the date of receipt of letter of intent (LOI) through email, fax/correspondence etc.
5.3	The performance security shall be required as per **GCC-10** @5 % of the value of the indicative quantity in favour of JKMSCL payable at Jammu/Srinagar.
6.	**Redressal Grievances during Procurement Process**
6.1	I. In case of any dispute, the decision of Managing Director, JKMSCL shall be final and binding. II. If any dispute arise out of the contract with regard to the interpretation, meaning and breach of the terms of the contact, the matter shall be referred by the parties to the Managing Director JKMSCL, J&K who will appoint his senior most officer as the sole arbitrator of the dispute who will not be related to this contract and whose decision shall be final. III. If any bidder or prospective bidder is aggrieved that any decision, action, omission of the procuring entity is in contradiction to the provisions of the Act/Rules of the guidelines issued there under; he may file an appeal to first & final appellate authority, i.e Secretary to Govt. Health & Medical Education department, J&K with in 10 days from the date of such decision, action, omission as the case may be, clearly giving the specific ground(s) on

	which he/she feels aggrieved. Fee for such appeal shall be Rs. 10,000/- (ten thousand only), 50% of which shall be refundable, if the decision is announced in his/her favour. IV. Any legal dispute shall be within the jurisdiction of Hon'ble High Court of Jammu / Srinagar (J&K).
7.2	Name & Address of the Bidder: Name and Designation..... M/S ..... Telephone No..... Telegram Code …..... Fax No..... Mobile No ……. e-mail address …….(email of responsible person be intimated)

SECTION III – QUALIFICATION AND EVALUATION CRITERIA

TABLE OF CONTENTS

Section III: Evaluation and Qualification Criteria

2. Qualification Criteria

The lowest evaluated bidder shall have the necessary qualifications to successfully fulfil its obligation under the contract. Minimum acceptable levels with regards to bidder's experience in supply of goods and related services with comparable technical parameters, its financial capability and other factors are defined.

Clause No.	Description
1.	**Contractual experience:-** The bidder shall be a original manufacturer; direct importer (or); distributor; authorised dealer of the original manufacturer/direct importer, who must have manufactured/ imported and supplied such instruments in India satisfactorily. The list of such supplies may be asked from the bidder and the bidder should submit self attested copy of purchase order, indent and invoice (inclusive of quantity & rate).
2.	**Technical experience:-** The goods offered/ being procured by JKMSCL have been produced and sold for at least three years and have been in operation satisfactorily.
3.	**Production capacity :** The JKMSCL may fix the minimum supply and/ or production capacity required to assure that the bidder is capable of supplying the type, size and quantity of goods required. It should be dedicated quantity to JKMSCL on monthly and annual basis.
4.	**Financial position:-** The soundness of the bidders financial position showing long term profitability demonstrated through audited annual financial statement (balance sheet, income statement etc.) for last three years.
5.	**Cash Flow capacity :** The bidder should have sufficient availability of/ access to liquid assets, lines of credit and other finances to meet the possible cash flow requirement which may arise during the execution of the rate contract.
6.	**Litigation history:-** The information regarding all pending claims, arbitration, or other litigation is asked by the JKMSCL
7.	**Tax clearance certificates:-** The VAT/Sales Tax and other taxes clearance certificate (latest) or declaration to be submitted by the bidder. Bidders shall have to submit a valid & latest 'VAT' clearance certificate from the concerned commercial taxes officer or affidavit and the 'PAN' issued by income tax department.
8.	**Declaration regarding qualifications :-** Declaration regarding qualifications of the bidder shall be given in specified format provided in Section IV, bidding forms.

1. Evaluation Criteria

Clause No.	Description
1.	**Scope**
1.1	**Local handling and inland transportation:-**The cost for Inland transportation, insurance, related services, installation, commissioning, demonstration and other incidental costs for delivery of goods, or port of entry, or supply point to consignee site, schedule of supply shall be quoted in price schedule.
1.2	**Minor omission and missing items:-** Pursuant to the relevant clauses, the cost of all quantifiable non-material non-conformities or omissions from the contractual and commercial conditions shall be evaluated. The procuring entity will make its own assessment of the cost of any non-material non-conformities and omissions for the purpose of ensuring fare comparison of bids.
2.	**Technical Criteria:-**The minimum technical level that the goods and related services shall have in order to comply with the Section V, schedule of supply are specified. These criteria are evaluated on a pass-fail system, with a minimum acceptable level for each criteria enumerated in technical specifications of item. However, a minor deficiency in technical compliance may not be cause for rejection of the bid.
3.	**Economic Criteria: -** The economic criteria are most important when evaluating a Bid. The price, however, may not be the only criterion, as there could be technical evaluation that may be expressed in mandatory terms *i.e.* cost per test etc. The following may be examples: - 3.1, 3.2....
3.1	**Adjustment for deviations in the delivery and completion schedule: -** The deviation from the delivery and completion schedule specified in Section V, schedule of supply are permitted. No credit will be given for earlier completion.
3.2	**Operation and maintenance cost :** The operation and maintenance costs of equipments are taken into account for bid evaluation purposes. The methodology is elaborated at BOQ for determining lowest bid (L-1) Generally, the life cycle of equipment and its comprehensive maintenance period is defined in technical specifications. Presently, maintenance costs are evaluated at their present value over the life cycle of the goods and then added to the price of the goods for comparison of bids.
3.2	**Spare parts: -** Only those spare parts and tools which are specified on an item wise basis in the list of goods and related services Section V, schedule of supply shall be taken in account in bid evaluation. Supplier recommended spare parts for specified operating requirement shall not be considered in bid evaluation. The unit prices of these items may be examined for evaluation of bid by the technical committee.
3.3	**Performance and productivity of goods:-** The performance and productivity of the equipments shall be as per the reference value or norms specified in technical specification of an item and corresponding value guaranteed by the bidder in its bid.
4.	**Price preference:-**
4.1	The price preference (applicable for SSI units of J&K State only) shall be given in evaluation of bids and award of contract as per J&K Industrial Policy 2004 and amendment made thereof from time to time.
4.2	VAT or CST**,** as applicable, should be mentioned clearly and separately.
4.3	If an item quoted in the bid does not attract excise duty at the time of bidding and excise duty is levied by the union government/State Govt. Subsequently, the bidder shall be entitled to such excise duty paid on production of invoices drawn as per central excise rules.
4.4	C- Form shall be issued by JKMSCL for charging CST at concessional rate against supplies made as per order. The invoice should show the concessional rate of CST separately.

Section IV: Bidding Forms

Table of Contents

(To be submitted on Firms' letter head)

Annexure I

Technical Bid Submission Sheet (Cover 'A')

Managing Director
Jammu & Kashmir Medical Supplies Corporation Ltd.
J&K

We, the undersigned, declare that:

1. I/We ……. ……have examined and have no reservations to the bidding document of NIB No. ..... dated.....including addenda/clarification No.:.....dated .....
   We offer to supply in conformity with the bidding document and in accordance with the delivery schedule specified in Section V, schedule of supply, the following goods and related services..... *Name of the item and Guarantee period plus CMC etc.* .....
2. Our bid shall be valid for a period of 120 days from the date of technical bid opening in accordance with the bidding document, and it shall remain bidding upon us and may be accepted at any time before the expiration of that period. However, validity may also be extended with mutual consent;
3. If our bid is accepted, we commit to submit a performance security in the amount of 5% of the contract price or as specified in bid document for the due performance of the contract;
4. Our firm, including authorised agent/dealer/ supplier for any part of the contract, have nationalities from the eligible countries;
5. I/We are not participating, as bidders, in more than one bid in this bidding process, in the bidding document;
6. Our firm, its affiliates or subsidiaries, including authorised agent/dealer/ suppliers has not been debarred by the Union Govt/any State Government or the procuring entity.
7. I/We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
8. I/We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive;
9. I/We agree to permit the JKMSCL or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the JKMSCL.
10. My/our quoted items..... *(Name of item)*.....fully comply with the technical specifications as per bid document Section V, schedule of supply.
11. **The following mandatory documents attached along with this technical bid Submission Sheet. The following documents/certificates/requirements are fulfilled:**
    i. Cost of bid document and bid security/processing fee (scanned copies to be uploaded in the financial bid and submitted in roginal in the office of JKMSCL.
    ii. In case of Indian manufacturer, valid manufacturing license from competent authority, if applicable, acknowledgement of EM II memorandum/ IEM/ Registration of SSI unit/copy of the registration with central excise department as per provisions of central excise act;

iii. In case of direct Importer, Import export code (IEC) certificate and permission/ authorisation for sale from the foreign principal manufacturer.

iv. In case of distributor/authorized dealer authorization for sale from the principal manufacturer.

v. Duly signed copy of section VI A and VI B (GCC & SCC) as acceptance of terms and conditions;

vi. USFDA Certificate/European CE marking/ISO/ISI/equivalent quality control certificate.

viii. BIS certificate, in case of ISI marked item, if applicable.

ix. In case of dealer (or) any other supplier is authorised to bid, to raise invoice (or) to recieve payments on behalf of original manufacturer/direct importer.

Any other documents.....

Note : The documents submitted at the time of registration of firm(only Registered Firms only) need not to be re-submitted. Only the documents, wherever the validity of the submitted documents has expired shall be uploaded.

12. I/we understand that our bid shall liable to be declared non responsive in case of any deficiency in fulfilment of above requirements on our part.

13. I/we accept all the terms, conditions and provisions of this bid document.

Name/Address..... in the capacity or.....*(Designation)*..... Signed.....
duly authorized to sign the bid for and on behalf of.....*(Name of Firm)*.....
Dated..... Tel:.....Fax:.....e-mail:.....

N.B : The original manufacturer/direct importer of the bidding items/their sole authorised representative/agent shall execute tri-partite agreement with the Corporation i.e JKMSCL, iner-alia, stating that :

i. The invoice submitted by the authorised representative/agent/distributors/dealers for such supplies shall be endorsed by the original manufacturer/direct importer of bidding items. Original copy of the delivery challan of the manufacturer towards distributor for such supplies shall be endorsed along with invoice submitted by Authorised representative/agent.

ii. JKMSCL may secure confirmation/or authenticating of such supplies from manufacturer/direct importer before releasing the payment.

iii. No original manufacturer/direct importer shall be allowed to authorize more than one agent/representatives to bid, to negotiate/to raise invoice or to receive payments & to enter into tripartite agreement with regard to business against this specific tender.

iv. In case, original manufacturer/direct importer wish to authorise any dealer/supplier to bid, to negotiate, to raise invoice to receive payments on behalf of original manufacturer/direct importer/against invoice raised by dealer, Annexure IX duly filled shall need to be uploaded alongwith e.bid ; otherwise no representation in this matter shall be entertained in the later stage.

(To be submitted along with required fees)

Annexure II

Financial/Price Bid Submission Sheet (Cover 'B')

To:

Managing Director
Jammu & Kashmir Medical Supplies Corporation J&K

I/We ……. the undersigned, declare that:

1. I/We have examined and have no reservations to the bidding document, including Addenda No.:..... dated ……., if any
2. I/We offer to supply in conformity with the bidding document and in accordance with the delivery schedule specified in Section V, schedule of supply, the following goods and related services.....(*Name of equipments/items with guarantee*).....;
3. The prices of said equipment/item(s) are uploaded electronically in BOQ on website www.jktenders.nic.in in as per instructions provided;
4. The uploaded financial bid checked, confirmed and found as per bid instructions;
5. The copy of demand draft as per ITB (instructions to bidder) clause 7 with respect to bid security and cost of bidding document and processing fee are enclosed as detailed below:-
   (i) Bid Security : Rs. 50000/- (Fifty thousand only)
   (ii) Cost of bidding document: Rs. 5000/- (five thousand only – non refundable)
   (iii) JKMSCL processing fee : Rs. 5000/- (five thousand only – non refundable).
6. I/We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
7. I/We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive;
8. I/We agree to permit the JKMSCL to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the JKMSCL.
9. I/We accept all the terms, conditions and provisions of this bid document.

Name/Address..... In the capacity or.....(*Designation*)..... signed..... duly authorized to sign the Bid for and on behalf of.....(*Name of firm*)..... dated..... Tel:.....Fax:.....e-mail:.....

Annexure III

FINANCIAL BID (BOQ)
For Uploading Rates of Cardiac Devices, Laparoscopy Instruments and Neurosurgery

S.No.	Item Description	Item Code	Unit	Qty	Currency type	Basic instrument/Equipment cost for one unit	Packing & forwarding charges/frieght insurance charges	Indian Agency Commission for one unit in foreign currency	Custom duty	VAT/ CST	Custom clearance in foreign currency	Total Amount including Taxes
1	2	3	4	5	6	7	8	9	10	11	12	13

Date

Signature
Name in capital, Company /firm Seal

Note: -

1. The rate quote should be as per BOQ.
2. Excise component & CST/VAT should be separately shown.
3. Rate should be quoted only for packing units as mentioned in the bid
4. No quantity or cash discounts should be offered.
5. Read all the terms & conditions before filling the Annexure III.
6. Please quote rates in absolute amount only.
7. Please quote rates per unit only
8. Finalization of the rates shall be made on the basis of price quoted in BOQ including CMC of four years i.e Total amount including cumulative CMC for 04 years.
9. Custom duty, if applicable shall be indicated separately.
10. The final rates quoted at Column No. 18 shall be considered as final rates and shall be considered for evaluating financial bid.

The bidder may quote in foreign currency as per the BOQ uploaded in the e.portal on the following terms & conditions

(**For Imported equipment)**

1. ***The CIF (cost insurance freight)/CIP (cost insurance price) upto New Delhi, should be in Foreign Currency, payable by the Principal company in that currency only as per the mode of L.C stipulations. The CIF prices shall be borne by the firm upto site.***
2. ***The custom duty & Entry tax shall be paid as actual on the production of documentary proof.***
3. ***No Custom duty exemption certificate shall be issued by JKMSCL to facilitate custom clearance on the concessional rates.***
4. ***Percentage of Indian direct Importer/authorized agent's percentage (Indian agency commission), if any, on FOB (Freight on board) Price which shall be payable to the Indian direct Importer (Indian Agency) in Indian currency at the exchange rate as may be applicable at the time of opening of L.C or negotiating documents whichever is less.***
5. ***The CMC of the equipment shall be calculated to evaluate L1.***
6. ***Cost of consumable kits/locally supplied items, if any. However local accessories, if quoted in Indian currency, VAT/CST shall be paid as admissible under rules.***
7. ***The prices quoted should be as per the international price of the manufacturer applicable to all the countries including India.***
8. ***The L1 shall be calculated on the basis of conversion of currency as on date of opening of financial bid.***

PLEASE DON'T WRITE 00 AGAINST THE ITEMS FOR WHICH YOU DIDN'T WISH TO QUOUTE ; INSTEAD, DO WRITE "NOT QUOTED" AGAINST THE SAID ITEM; AS THE SYSTEM TAKES RS. 00.00 AS L1.

Annexure IV

Declaration and Undertaking

(On Non Judicial Stamp Paper worth Rs. 100/- Attested by Notary Public and submitted with Cover-'A')

1. I/We..... (Name of firm) ..... certify that the quoted model (of quoted item) is of latest technology and is not outdated.
2. I/We certify that the rates (of quoted item) are reasonable and not sold on lower rates to anyone than charged from JKMSCL.
3. I/We do hereby accept condition of guarantee period with spare parts of each quoted equipment as per terms & conditions or technical specifications. (from the date of installation/ demonstration).
5. (a) I/We do hereby undertake that our company/firm has not been black listed/banned/debarred by Union Govt. or any State Govt. or their subordinate departments from participation in bidding.

   (b) I/We do hereby declare that our company/firm has been black listed/banned/debarred by..... (Name, Address of Govt./dept./State) and detailed information is as given below:

   (i) Cause of black listing/banning/debarring.
   (ii) For which item.....:
   (iii) Period of black listing/banning/debarring.
   (iv) Latest Status of black listing/banning/debarring.
7. I/We hereby confirm that we have deposited all the VAT/Sales Tax / CST as on dated …….. with the concerned authority/department. No VAT/CST is due on the firm as on dated …….
8. I/we do hereby agree to the condition that JKMSCL may, if deemed fit go for the third party maintenance under Comprehensive equipment maintenance programme of Govt. of India.

Signature of authorized signatory

Place:

Dated:

Name and signature of bidder

Designation with seal

Annexure V

(On Firm's letter head)

STATEMENT OF PAST SUPPLIES AND PERFORMANCE

SEPARATE FOR EACH ITEM

I/We..... *(Name of firm.....)* do hereby certify that we have supplied..... *(Name of equipment.....)* as per details given below:-

Financial year	Order placed by [full address of purchaser with telephone & fax no.]	Order No. and date	Description and quantity of ordered goods	Date of completion of delivery		Remarks indicating reasons for late delivery, if any	Has the equipments been supplied & installed satisfactory?
				As per contract	Actual		
2013-14							
2014-15							
2015-16							

1. It shall be submitted with technical bid and the above information should be verifiable from relevant documents of the bidder.
2. Firm should have market standing of the quoted product in last three financial years.
3. The different variants of same items/instruments/equipment may be considered.
4. In case of supply of imported item(s), the suppliers may be asked to furnish a certificate and other information to the effect that the firm has completed all the formalities including bill of entries in custom in connection with import of the item in question.

Place:

Dated :

Signature of bidder with Seal

(On Firm's letter head)

Memorandum of Appeal

Appeal no..... of.....

Before the..... (appellate authority)

1. Particulars of appellant:
   (i) Name of the appellant:
   (ii) Official address, if any:
   (iii) Residential address:

2. Name and address of the respondent(s):
   (i)
   (ii)
   (iii)

3. Number and date of the order appealed against and name and designation of the officer/ authority that passed the order (enclose copy), or a statement of a decision, action or omission of the procuring entity in contravention to the provisions of the Act by which the appellant is aggrieved:

4. If the appellant proposes to be represented by a representative, the name and postal address of the representative:

5. Number of affidavits and documents enclosed with the appeal:

6. Ground of appeal:
   .....
   .....
   ..... (supported by an affidavit)

7. Prayer:.....
   ....
   .....
   Place .....
   Dated .....

Appellant's signature

Annexure VI

(Shall be submitted on letter head of firm)

Declaration by the Bidder regarding Qualifications

In relation to my /our bid submitted to Managing Director, JKMSCL, J&K for procurements of ..... *(name of items)* .....in response to their Notice Inviting Bids No.....,. Dated..... I/We hereby declare that:

1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the bidding document issued by the procuring entity;
2. I/We have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in bidding document;
3. I/We are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my /our business activities suspended and not the subjected of legal proceedings for any of the foregoing reasons;
4. I/We do not have and our directors and officers not have been convicted of any criminal offence related to my /our professional conduct or the making of false statement or misrepresentations as to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/We do not have a conflict of interest as specified in the Act, rules and the bidding document which materially affects fair competition;

Dated:
Place:

Signature of bidder
Name:
Designation:
Address:

Annexure VII

(Shall be submitted on letter head of firm)

Declaration of Manufacturer/Direct Importer

Date:_____
NIB No.:_____

I/We a legally constituted firm/body.....*(Name of Firm/Company with address)*..... and represented by Mr.....(*Name of Bidder/Sale proprietor/ CMD/ Chairman)* ..... declare that I am/we are manufacturers/direct importer in the goods and related services for which I/we have bid.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/our bid security may be forfeited in full and the bid if any to the extent accepted may be cancelled.

I/we further declare that the item.....*(Name of item)* .....is manufactured/imported at our premises at ..... *(Address of factory & office)* ..... signed..... name..... in the capacity of..... duly authorized to sign the authorization for and on behalf of.....(*Name of sale proprietor/firm/company)*..... Tel: ....

Fax: .....

E-mail: .....

Dated: .....

Annexure VIII

(On the letterhead of manufacturer and notarized)

Authorisation from foreign principal manufacturer

(Applicable in case of direct importer only)

The Managing Director
Jammu and Kashmir Medical Supplies Corporation Limited
J&K

Subject: Regarding authorisation for our products.
Ref.: Your NIB no. .....dated.....

Name of items.....

Dear Sir,

I/we.....(Name).....for M/S.....*(Name of firm)*..... who are proven and reputable manufacturers .....*(Name of item)*.....having factory at ..... *(Address of Factory and Office)*..... hereby authorize M/S..... *(Name of Bidder firm)*.....to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred bid documents/NIB for the above goods manufactured by us.

I/we further confirm that no supplier or firm or individual other than M/S.....*(Name of bidder firm),* is authorised to submit a Bid, process the same further and enter into a contract with you against your requirement as contained in the above referred bid documents for the above goods manufactured by us.

I/we also hereby extend our full guarantee as applicable as per bid conditions of contract, read with modifications/addendum, if any, in the general/special conditions of contract for the goods and services offered for supply by the above firm against this bid document.

I/we also hereby confirm that we shall also be responsible for the satisfactory execution of contract placed on the authorized Firm.

This authorization shall be valid till the completion of rate contract period and related services i.e. guarantee and comprehensive maintenance obligations, etc., whichever is later.

Yours faithfully,

(Name & Signature)..... *verification and signature by bidder*

For M/s ..... Seal and address of bidder

AUTHORISED SIGNATORY

Accepted by the authorized Bidder Mr.....*(Signature, Name & Address)*.....

Annexure IX

(On the letterhead of manufacturer and notarized)

Authorisation of Bidder by the Firm

The Managing Director
Jammu and Kashmir Medical Supplies Corporation Limited
J&K

Subject: Regarding authorisation of bidder by the firm Ref.:
Your NIB no. .....dated.....

Name of items.....

Dear Sir,

I/we.....(Name).....for M/s.....*(Name of firm)*..... who are proven and reputable manufacturers .....*(Name of item)*.....having factory at .....*(.Address of Factory and Office)*..... hereby authorize Mr..... *(Name & Designation of Bidder)*.....to submit a bid, process the same further, to raise invoice, enter into a tripartite contract with you against your requirement and to receive payments, on their behalf as contained in the above referred bid documents/NIB for the above goods manufactured by us.

I/we further confirm that no individual other than Mr.....*(Name & Designation of Bidder),* is authorised to submit a Bid, process the same further and enter into a contract with you against your requirement as contained in the above referred Bid documents for the above goods manufactured by our Firm.

I/we also hereby extend our full consent, as applicable as per bid conditions of contract, read with modifications/addendum, if any, in the conditions of contract for the goods and services offered for supply by the authorized bidder/signatory against this bid document.

In case of default of authorised dealer (or) otherwise, I/we also hereby confirm that we shall also be responsible for the satisfactory execution of contract placed on the authorized Firm & penalty, if any, for non-execution of contract by the authorised dealer/supplier shall be borne by us.

This authorization shall be valid till the completion of the rate contract period and related services ie. gaurantee etc., whichever is later.

The attested photocopy of photo ID/voter ID/driving license/any other equal document for authorised person is enclosed here.

Yours faithfully,

(Name & signature of chairman).....
For M/s .....
AUTHORISED SIGNATORY OF FIRM

Accepted by the authorized person Mr.....*(Signature, Name & address)*.....

(On Firm's letter head)

ANNUAL TURN OVER STATEMENT

(for the last three years)

The average annual turnover of M/S..... *(Name of Firm)*..... and address ..... for the past three years are given below and certified that the statement is true and correct:-

Sl. No.	Financial Years		Turnover in Lakhs (Rs.)
1.	2013-14	-	
2.	2014-15	-	
3.	2015-16	-	
	Total	-	_____Lakhs

Average gross annual turnover _____Lakhs

Date

Signature of the bidder

Signature of Auditor/Seal
Chartered Accountant
(Name & Address.)
Tel. No.

Note :

1. **Only the bid(s) falling under the category as specified under Annual Turnover is accepted.**
2. **The bid(s) not falling under the Annual Turnover clause shall be out rightly rejected. The turn over certificate issued by the Central Excise Department shall also be considered**

(Shall be submitted on letter head of firm)

VERIFICATION

I/we……S/o……...……aged…… year residing at .....…… authorized bidder/proprietor/ partner/director of firm M/s…….. verify and confirm that the contents of bidding documents , its bidding forms **Annexure I to Annexure IX** and other information submitted for bid no. ..... are true and correct to the best of my knowledge and nothing has been concealed therein.

Signature of bidder.....

Name: .....

Address: .....

Mobile no.....

e-mail address.....

Annexure X

PERFORMA FOR SUBMISSION OF SAMPLES

FOR PHYSICAL DEMONSTRATION, IF REQUIRED BY THE TECHNICAL PANEL

Tender No.

Name of the Bidder _____

Address _____

_____

Mobile No. _____

Email _____

S.No.	Item Code	Name of the item	Quantity Submitted

Station

Date : **Signature and Seal**

Signature of receipt clerk

JKMSCL

Note :

1. **The firm shall keep ready the set of samples for Demonstration and shall submit to the office of JKMSCL on demand within seven days failing which the item shall not be considered for technical evaluation by the technical committee constituted for the purpose.**
2. **THE SAMPLES ARE ONLY FOR PHYSICAL DEMONSTRATION WHICH SHALL BE RETURNED BACK TO THE BIDDERS AFTER EVALUATION/DEMO BY THE TECHNICAL EXPERTS.**

Section V: Schedule of Supply

Table of Contents

Section V: Schedule of Supply

Clause No.	Description
1	**List of goods and related services**
1.1	Name of item.....
1.2	Related services are delivery, local transportation, installation, commissioning, demonstration and training etc.
1.3	Guarantee period (02) years for Instruments/Equipments.
2	**Delivery and completion schedule**
2.1	**SUPPLY ORDERS AND SUPPLY SCHEDULE:**
2.1.1	Supply order shall be placed through registered post/e-mail/any communication medium by the JKMSCL. The date of receipt of e mail/fax/other communication shall be treated as the date of order for calculating the period of execution of order. The successful bidder shall execute the orders within a delivery period of 60 days or as specified in the supply order.
2.1.2	In case of imported items, 30 days will be given in addition to above mentioned period, as mentioned in condition No. 2.1.1 above.
2.1.3	The successful bidder shall acknowledge the receipt of orders, if any, within 7 days from the date of dispatch of order, failing which the procuring entity may be at liberty to initiate action to purchase the items on risk & cost purchase provision. However finalization of Annual Rate Contract does not mean mandatory issuance of supply order. Supply order shall be made as per the requirement of items at various end users.
2.1.4	Except for equipment/machinery, which requires installation / commissioning, all other supplies shall be designated drug warehouse. In case of non-viable size of order for supplies, the corporation shall take appropriate decision on representation from the supplier on case to case basis. The consignee for supplies shall be the JKMSCL.
2.1.5	To ensure sustained supply without any interruption, the JKMSCL reserves the right to have more than one approved supplier from amongst the qualified bidders on L1 matched rates only. In such a case, the requirement may be met by dividing be quantity among the R/C holders considering the quantity required and dedicated capacity of the successful bidders.
2.1.6	The ready stock position of the item, if provided by the firm, may be considered by the corporation for the placement of supply orders.
2.1.7	It may be noted that the JKMSCL does not undertake to assist in the procurement of raw material, whether imported or controlled or restricted, and as such the bidders must offer their rates to supply the specific items from own quota of raw material stock by visualizing the prospect of availability and requirement. Any of the above points if taken, as argument for non-supply/delayed supply will not be entertained.
2.1.8	The figures indicated, if any, do not constitute any commitment on the part of JKMSCL to purchase any of the articles and the quantities shown therein against each or in any quantity whatsoever and no objection against the quantity of the indent of approved item being more or less than the indicative quantity will be entertained and shall not be acceptable as a ground for non supply of the quantity indented.
2.2	**PROCURING ENTITY'S RIGHT TO VARY QUANTITY:**
2.2.1	The quantity of items originally indicated in the bidding document may vary without any change in the unit prices and other terms and conditions of the bid and the conditions of contract.
2.2.2	If the JKMSCL procures less than the quantity indicated in the bidding documents (if asked) the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.
2.2.3	If the bidder fails to supply, the JKMSCL shall be free to arrange / procure the item(s) from other sources and the extra cost incurred shall be recovered from the supplier.
2.3	**SUBMISSION OF CONTRACT COMPLETION REPORT**

2.3.1.	A consolidated statement shall be submitted to General Manager, EPM by the 10th of each month. Every time the statement should contain details of all orders placed under the contract.
2.3.2	Firms shall have to submit consolidated statement in duplicate at the end of rate contract as well as after expiry of equipment / instrument guarantee period (as provided in guarantee clause of the contract) to enable the corporation to examine the case for refund of performance security.
2.3.3	The consignee shall intimate the contract /supplier about the defect (s) at once in such a manner, so as to reach the office of the firm immediately and before completion of guarantee period. It shall be the responsibility of the consignee to get the complaint of guarantee period. It shall be the responsibility of the consignee to get the complaint of defective equipment of defective performance registered immediately with the office of JKMSCL.
2.5	**PACKING & INSURANCE:**
2.5.1	The good shall be delivered at the destination in perfect condition. The firm if so desires may insure valuable goods against loss by theft, destruction or damages by fire, flood, under exposure to weather of otherwise in any situation. The insurance charges will have to be borne by the supplier and the corporation shall not be required to pay any such charges, if incurred.
2.5.2	The firm shall be responsible for the proper packing so as to avoid damages under normal conditions of transport by sea, rail, road or air and delivery of material in good condition to the procurement officer's store. In the event of any loss, damage, breakage or leakage or any shortage the firm shall be liable to make good such loss and shortage found at destination after the checking/inspection of material by the consignee. No extra cost on such account shall be admissible. The firm may keep its agent to verify any damage or loss discovered at the consignee's store, if it so likes.
2.5.3	Packing, cases, containers and other allied material if any shall be supplied free, except where otherwise specified by the firm(s) and agreed by the corporation and the same shall not be returned to him.
2.5.4.	**Packing specifications** Schedule for packing – General specifications 1. All items should be packed only in first hand boxes only. 2. Label: Every box should carry a large outer label clearly indicated that the product is for **"JKMSCL Supply" for the year 2016-17, "Not for Sale "** and it should carry the correct technical name, product, date of manufacturing, date of expiry, quantity packed and net weight of the box in bold letters. 3. Other: No box should contain mixed products. **Note: The weight/size of the box for packing the item may vary for the safe delivery/installation of Items/instrument/equipment. Any deviation in the packing, if necessary shall be made after getting permission from JKMSCL.**
2.6	**REJECTION OF GOODS:**
2.6.1	Articles not as per specification/ or not approved shall be rejected by the corporation / consignee and will have to be replaced by the supplier firm at its own cost within 15 days or with time limit fixed by the corporation.
2.6.2	All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard/specifications/ samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents/specifications. The decision of JKMSCL as to the quality of stores is final and binding upon the bidder. In case any of the articles supplied are not found as per specification or declared sub-standard, that shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account.
2.6.3	The rejected item must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned shall take reasonable care of such material upto 15 days from the date of intimation only but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises.

2.6.4	No payment shall be made for defective/incorrect items.
2.6.5	In case firm wants to take back item to their service station for rectification then firm has to deposit payment received against such defective supplies. In case supplier has not received any payment then material be returned to supplier firm for rectification. In no case the defective equipment is allowed to be installed after rectification.
2.6.7	The bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage in transit, the bidder shall be responsible. No extra cost on such account shall be admissible.
2.7	**TERMS OF PAYMENT:-**
2.7.1	File for payment shall be processed only after the receipt of minimum 60% of the supply as per purchase order, subject to quantity pass as " Standard Quality" (wherever, sample items) by the technical committee constituted for the purpose by JKMSCL. Payment shall be released on receipt of certificate of supply as per specifications and in good condition from the consignee along with the bill. Installation / commissioning of equipment and rendition of required satisfactory training to the consignee's personnel, if any, shall also be necessary for releasing payment. In case of delayed supplies, deduction of liquidated damages as per provisions shall be made from payments. The firms shall have to seek time for extension from the JKMSCL before executing delayed supplies.
2.7.2	Payment shall be made by RTGS. Expenses on this account, if any, shall be borne by the firm.
2.7.3	Payment to the authorised dealer/supplier/agent shall be made as per the tripartite agreement with the Corporation i.e JKMSCL.
2.7.4	No advance payments towards cost of items shall be made to the bidder.
2.7.5	All bills/invoices should be raised in triplicate and in the case of Excisable items; the bills should be drawn as per Central Excise Rules in the name of the authority concerned.
2.7.6	If at any time during the period of contract, the price of bid items is reduced or brought down by any law or Act of the Central or State Government or by the bidder himself, the bidder shall be bound to inform Managing Director JKMSCL immediately about it. Purchasing authority shall be empowered to unilaterally effect such reduction as is necessary in rates in case the bidder fails to notify or fails to agree for such reduction of rates. In case this reduction of rates comes to the knowledge of JKMSCL in later stage, additional payment made w.e.f of the details of rates shall be charged from the firm with 1.5% monthly interest from the date/till rates have been reduced besides action as desired fit by JKMSCL which may be debarring/any other penalty as per penalty clause.
2.7.7	In case of any enhancement in excise duty due to notification of the Government after the date of submission of bids and during the bid period, the quantum of additional excise duty so levied shall be allowed to be charged extra as a separate item without any change in the basic price structure of the items approved under the bid. For claiming the additional cost on account of the increase in excise duty, the bidder should produce a letter from the concerned excise authorities for having paid additional excise duty on the goods supplied to ordering authority and also must claim the same in the invoice separately. Similarly if there is any reduction in the rate of excise duty of items, as notified by the Government, after the date of submission of bid, the quantum of the price to the extent of reduction of excise duty of items will be deducted without any change in the basic price structure of the items approved under the bidder.
2.7.8	In case of successful bidder has been enjoying excise duty exemption on any criteria, such bidder will not be allowed to claim excise duty at later point of time during the tenure of contract, if the excise duty become chargeable on goods manufactured due to any reason.
2.7.9	If there is any hindrance by the consignee to provide the required site for installation the part payment of equipment shall be made / decided by JKMSCL. In that case, the firm has to inform JKMSCL immediately.
2.8	**LIQUIDATED DAMAGES:**
2.8.1	The time specified for delivery in the bid form shall be deemed to be the essence of the contract and the successful bidder shall arrange supplies within the period on receipt of order from the purchasing officers.

2.8.2	In case of extension in the delivery period with liquidated damages, recovery of liquidated damages shall be made at such rates, as given below, of value of stores which the bidder has failed to supply :- (a) Delay up to one- fourth period of the prescribed delivery period - **2.5%** (b) Delay exceeding one fourth but not exceeding half of the prescribed delivery period - **5%** (c) Delay exceeding half but not exceeding three- fourth of the prescribed delivery period - **7.5%** (d) Delay exceeding three- fourth of the prescribed period **-10%** Fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day. The maximum amount of agreed liquidated damage shall be 10%.
2.8.3	If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrances, he shall apply in writing to Managing Director JKMSCL, J&K, for the same immediately on occurrence of the hindrances but not after the stipulated date of completion of supply. The firms shall ensure extension of delivery period for delayed supplies. The payment shall only be released by corporation after sanction of extension in delivery period.
2.8.4	Delivery period may be extended with or without liquidated damages. If the delay in the supply of goods is on account of force majeure i.e., which is beyond the control of the bidder, the extension in delivery period may be granted without liquidated damage.
2.8.5	If the bidder is unable to complete the supply within the specified or extended period, the corporation shall be entitled to purchase the goods or any part thereof from elsewhere without notice to the bidder on his (i.e., bidders) account at his cost and risk, with the prior approval of Managing Director JKMSCL, J&K. The bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the bidder. The bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the bidder under this or any other contract with the corporation/government. If recovery is not possible from the bill and the bidder fails to pay the loss or damage within one month of the demand, the recovery of such amount or sum due from the bidder shall be made from the bidder. In case supplier fails to deliver ordered goods, the risk purchases may be made at market rate from any other firm. It is mandatory for the approved supplier to acknowledge receipt of orders within seven days from the date of dispatch of order, failing which the procuring entity will be at liberty to initiate action to purchase the items on risk purchase provision at the expiry of the prescribed supply period.
2.9	**RECOVERIES:-**
2.9.1	Recoveries of liquidated damages, short supplies, breakage, rejected articles shall ordinarily be made from bills. Such amount may also be recovered from any other untied dues & security deposits available with the JKMSCL. In case recovery is not possible, action will be taken as per prevailing Acts/rules in J&K State.
2.9.2	Any recovery on account of liquidated damage charges/risk & cost charges in respect of previous rate contracts/supply orders placed on them by the JKMSCL can also be recovered from any sum accrued against this bid after accounting for untied sum or due payment lying with JKMSCL against previous rate contracts/supply orders. Firm shall submit details of pending amount lying with JKMSCL but decision of Managing Director JKMSCL, J&K regarding authenticity of sum payable shall be final.

3. Technical Specifications : List enclosed as

Annexure : AVI

General features:

i. **Bidders are requested to send printed descriptive literature/catalogue of the quoted item(s) duly sealed by MD/Chairman/authorised signatory of the firm/bidder in the office of Jammu and Kashmir Medical Supplies Corporation Ltd. two days prior to last day of uploading of the bid.**

ii. If bidder supplied to or have rate contract of quoted items with any other Govt. institutions within one year, he may be asked to provide copies of purchase orders, invoices and rate contract.

4. Inspection and Tests

Clause No.	Description
4.1	**INSPECTION OF INSTRUMENTS:-**
4.2	The supplies shall be according to technical specifications and shall be inspected by the committee constituted by JKMSCL as mentioned in the supply order or amended thereafter by competent authority. In case of BIS Items, inspection shall be strictly as per relevant BIS specifications with latest amendments and have been made applicable by B.I.S. at the time of inspection. The inspection and testing of the material may be got done by any inspecting Agency/team of experts at site of installation/commissioning. The supplier shall provide all facilities for inspection/testing free of cost.
4.3	Notwithstanding the fact that the authorized inspecting team had inspected and/or has approved the stores/articles, any officer(s)/team of officer nominated by the corporation may inspect the item/material as soon as it is received in the stores to ensure that the supply is in accordance with the specifications laid down in rate contract/supply order.
4.4	In case of doubts in inspection/ test, same may be got inspected or tested in any laboratory. If the material is not found as per specifications or defective, corporation shall not accept the material and shall inform the corporation within 3 days. Consignee may also simultaneously ask the firm for removal of defect/replacement. The firm shall be bound to replace the defective equipment/item within 15 days of receipt of intimation from the consignee/corporation. However, the date of delivery, in case of defective item shall be taken as the date on which the JKMSCL accepts the item after replacement of defective material/removal of defects as the case may be. Wherever defective item is replaced, the inspection/testing charges, if any, shall be borne by the supplier.
4.5	The corporation/technical expert or team shall match the specification with available reserved sample with the corporation which is submitted by the firm/supplier at the time of technical approval before release to end user.
4.6	In case of imported item, the supplier shall ensure that the item shall be inspected by the third party inspection agency before dispatched to the consignee. In case any un- inspected item has been found in the item received by consignee, the firm shall be solely responsible for it and the JKMSCL shall be free to take suitable necessary action as per terms and conditions of bid documents/agreement against the firm.

Section VI A: - General Conditions of Contract (GCC)

Table of Contents

SECTION VI A: - GENERAL CONDITIONS OF CONTRACT (GCC)

Bidder should read these terms & conditions carefully and comply strictly while submitting their bids. If a bidder has any doubt regarding the terms & conditions and specifications mentioned in the bid notice/ catalogue, he should refer these to the Jammu and Kashmir Medical Supplies Corporation, J&K, before submitting bids and obtains clarifications. The decision of the Managing Director Jammu and Kashmir Medical Supplies Corporation, J&K shall be final and binding on the bidder. The clauses of terms & conditions are as follows:-

Clause No.	Description
1.	**Definitions**
	The following words and expressions shall have the meanings hereby assigned to them: **'Act/Rules'** means Acts & rules prevailing in J&K State in terms of procurement. **'Completion'** Means the fulfilment of the supplies and Related Services by the supplier in accordance with the terms and conditions set forth in the contract. **"Contract"** Means the Agreement entered into between the procuring entity and supplier, together with the contract documents referred to therein, including all attachments, appendices, specifications and codes and all documents incorporated by reference therein. **"Contract Documents"** Means the documents listed in the agreement, including any amendments thereto. **"Contract Price/Rate"** Means the price payable to the supplier as specified in the agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the contract. **"Day"** Means calendar day. **"Delivery"** Means the transfer of the goods from the supplier to the procuring entity in accordance with the terms and conditions set forth in the contract. **"GCC"** Means the general conditions of rate contract. **"SCC'** Means the special conditions of rate contract". **"Goods"** Means all of the commodities, raw material, machinery and equipment, documents, guarantee/warrantees and /or other materials that the supplier is required to supply to the Procuring Entity under the Contract. **"Procuring Entity"** Means the entity purchasing the goods and related services, Managing Director Jammu and Kashmir Medical Supplies Corporation, J&K, or as specified in the special conditions of the contract (SCC). **"Related Services"** Means the services incidental to the supply of the g oods, such insurance, installation, training and initial maintenance, commissioning of equipment or machinery and other similar obligations of the supplier under the contract. **"Subcontractor"** Means any natural person, private or government entity, or a combination of the above, including its legal successors or permitted assigns, to whom any part of the goods to be supplied is subcontracted by the supplier. **"Supplier"** Means the natural person, private or government entity, or a combination of the above, whose bid to perform the contract has been accepted by the procuring entity and is named as such in the agreement, and includes the legal successors or permitted assigns of the supplier. **Authorised agent :** Means the natural person, proprietor or Govt entity, duly authorised by the Managing Director/Prop/Chairman/Board of Director of original manufacturer/direct importer under their seal signatures duly notarized ; to bid, negotiate, raise the invoice, receive the payment against the supplies made, enter into tripartite agreement within the Corporation i.e JKMSCL, inter-alia. **Authorised signatory :** Means the natural person authorised by the proprietor, Managing Director/Chairman/Board of Director of original manufacturer/direct importer under their seal signatures duly notarized to sign on behalf of the company. **"The Site"** where applicable, means the place of delivery, installation, testing/ commissioning of the goods /equipment or machinery or as mentioned in the supply order. **"Consignee"** Means the receiver of the stores as mentioned in supply order.
2.	**General terms**
2.1	Bids are invited from Indian manufacturers /direct importers/distributors/authorized dealers of

	the original manufacturer/direct importer.
2.2	Bid shall have to uploaded as per schedule, to JK e-portal : **www.jktenders.gov.in**. At any time prior to the date of uploading of bid, bid inviting authority may, for any reason, whether on his own initiative or in response to a clarification requested by a prospective bidder, modify the condition in bid document by an amendment. In order to provide reasonable time to take the amendment into account in preparing their bid, bid inviting authority may at his discretion, extend the date and time for submission of bid. Interested eligible bidders may obtain further information in this regard from the office of the bid inviting authority.
2.3	Supplies shall be made directly by the bidder to be called as "Supplier" after finalization of rate contract, and suppliers. Manufacturer bidder should have permission to manufacture the item quoted as per specification given in the bid from the competent authority.
2.4.1	Direct importer should authenticate import/sale license for the product quoted in the bid issued by the competent authority.
2.4.2	In case, the item/product is supplied through authorised agent/dealer, product manufacturing permission, import/sale license of the principal manufacturer (s) direct importer (s) shall have to be uploaded along with technical bid.
2.5	Bid shall be have to be loaded on e-portal i.e www.jktenders.gov.in submitted to Managing Director, Jammu and Kashmir Medical Supplies Corporation, J&K
2.6	The bidder shall submit following certificates along with the bid, However the documents submitted for the registration of firm, **needs not be re-submitted** :- **(i)** Bid security shall be submitted in the shape of FDR/CDR/BG from Nationalised bank and cost of bid document & tender processing fee shall be submitted in the form of demand draft drawn at any of the scheduled/nationalised ban kin favour of Jammu and Kashmir Medical Supplies Corporation, J&K, payable at Jammu/Srinagar. **(ii)** (a) **Manufacturer-** bidder shall enclose duly self attested photocopy of acknowledgement of EM-II Memorandum/IEM /Registration of SSI unit of J&K State only for the products duly approved by the licensing authority for every product quoted in the bid. The license, if any, should be renewed up to date. Acknowledgement of EM-II, issued by District Industries Centre, under rules for preference to industries of Jammu and Kashmir, in respect of stores for which they are registered**.** **(**b) Likewise manufacturer/bidder shall submit documents relating to the production capacity and properly installed quality control measures at the production site/ unit at the time of bid, which may be a certificate from NSIC (For micro and small scale industrial units) / MSME (micro, small, medium enterprises) / production capacity certificate issued from Industries Department. **(iii)** Firm shall submit copy of the registration with central excise department/ exemption from registration, if applicable, as per provisions of central excise act. **(iv)** In case of imported items self attested photocopy of IEC (Import export code) certificate and permission / authorization for sale from the foreign principal manufacturer. **(v)** Duly self attested photocopy of BIS certificate, renewed up to date with respective schedule for ISI certification for quoted items, if applicable. **(vi)** Duly attested photocopy of ISO Certificate, if applicable. **(vii)** Duly attested photocopy of BIS/European CE/USFDA or equivalent certificate as applicable. **(viii)** Copies of annual accounts (balance sheet & profit & loss statements) certified by the auditors for the preceding three financial years may also be asked. **(ix)** **Notarised** copy of latest Sales Tax/VAT clearance certificate (up to

	31.03.2016 (last quarter of the year) issued by commercial tax officer of the circle concerned, from where supplies will be affected, shall be submitted. **(x)** Declaration regarding point of supply with full address in bid submission letter. **(xi)** A combined undertaking/declaration regarding that the quoted item : a. Model is of latest technology, the item has not become outdated, that the rate quoted is not more than the rate charged from anyone else, b. that the bidder is not black listed or banned or debarred by central or any state government or its append gages, c. availability of spare parts and consumables for the quoted equipment for at least 10 years/life of the item, from the date of installation. Note : Bid should not be submitted for the quoted item(s) for which the bidder has been blacklisted/banned/debarred either by bid inviting authority or Govt. of J&K or by any other State/Central Govt. and its agencies. This also applies to the bidder for its sister/ allied firm(s)/ unit(s). **(xii) The bidder, in case of dealer of the manufacturer/direct importer shall submit fresh authorization of the manufacturer/direct importer duly authenticated and notarized.** **PLEASE ALSO NOTE THAT: -** (A) All attested documents must be submitted in English language. If the documents are not in English, translated version of the same, in English, duly signed and attested by authorized translator must be submitted along with copy of original document. (B) All the above mentioned documents should be under the name and address of the premises where the quoted items are actually manufactured/ stored for supply.
2.7	Financial Bid duly filled in (Annexure III/BOQ) giving the rates for quoted items should be uploaded through e portal www.jktenders.gov.in. The rate should not be disclosed/uploaded in the technical bid. **Rates uploaded along with technical bid shall means out rightly rejection of bid of the concerned person.**
2.8	The required amounts towards cost of bid document and tender processing fee shall be deposited through demand draft & the EMD in form of FDR/CDR/BG pledged in favour of Chief Accounts Officer, JKMSCL the in the corporate office of Jammu and Kashmir Medical Supplies Corporation, Jammu/Srinagar 02 days before the last date and time of bid submission. All bids received will be opened in the presence of bidders, who choose to be present. Financial bid will be opened only for those bidders, who satisfy the criteria laid down by the JKMSCL on the details furnished by the bidder in technical bid in compliance of terms & conditions of the bid.
2.9	(i) In case of the bid being submitted by a proprietary firm, the bid must be signed by the sole proprietor. In case of a partnership firm, bid must be signed on behalf of the firm by a person authorized, holding a power of attorney in his favour to do so; and in the case of a company, the bid must be signed by an authorized signatory, in the manner laid down in the articles of association of the bidder company. (ii) Any change in the constitution of the firm/ company shall be notified forthwith by the bidder/contractor in writing to the Jammu and Kashmir Medical Supplies Corporation, J&K and such change shall not relieve any former member of the firm/ company from the liability under the conditions of the bid/contract. No new partner / partners shall be accepted in the firm by the bidder/contractor in respect of the bid/contract unless he/ they agree to abide by all its terms and conditions and submit a written agreement to this effect. The bidder's/contractor's receipt for acknowledgement or date of any new partner subsequently inducted, as above, shall bind all of them and will be a sufficient discharge for any of the purposes of the contract.
2.10	The hard copy of bid documents shall be filled with ink or typed. The bidder shall sign the bid form at each page and at the end in token of acceptance of all the terms and conditions of the bid and then scanned copy be uploaded on the e.portal https://www.jktenders.org except the final bid **(BOQ).**

3	**BID SECURITY:**
	(i) Bid shall have to be accompanied with a scanned copy of FDR/CDR/BG as bid security i.e Rs. 50,000/-. However, the FDR/CDR/BG as bid security shall have to be submitted before the opening of technical bid with a validity of 18 months. Bids submitted without sufficient bid security shall be summarily rejected. (ii) The bid security of bidder shall be refunded after the earliest of the following events, namely:- (a) the expiry of validity of bid security; (b) the execution of agreement for procurement and performance security is furnished by the successful bidder; (c) the cancellation of the procurement process; or (d) the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documents stipulate that no such withdrawal is permitted. (iii) The bid security lying with the JKMSCL in respect of other bids awaiting approval or rejection or on account of contracts being completed, shall not be adjusted towards bid security for the fresh bids. The bid security may, however, be taken into consideration in case bids are re-invited for the same item. (vi) In case any document submitted by the bidder or by his authorized representative is found to be forged, false or fabricated, the bid shall be rejected and bid security may be forfeited. Bidder/his representative may also be banned / debarred. Report with police station may also be filed against such bidder/his representative.
4	**FORFEITURE OF BID SECURITY: -**
	The bid security shall be forfeited if: (i) The bidder withdraws or modifies the offer after opening of financial bid, but before acceptance of bid, (ii) The bidder does not execute the agreement, if any, prescribed within the specified time or extended time by competent authority (on the request of the bidder), (iii) The bidder does not deposit the 'performance security' after the supply order is placed/requested for signing the agreement, (iv) The bidder fails to commence the supply of the items as per supply order within the time prescribed, (v) The bidder fails to submit samples/demonstration of quoted item on demand (vi) The bidder violates any of the terms & conditions of the bid document.
5	**GUARANTEE CLAUSE:-**
	(i) The bidder would guarantee that the subject matter of procurement would continue to conform to the description and quality as per technical specifications and performs as per descriptions, from the date of delivery/ installation of the said subject matter of procurement. Notwithstanding the fact that the purchaser may have inspected and/or approved the said subject matter of procurement during the guarantee period, if the said subject matter of procurement is discovered not to conform to the description and quality as aforesaid or not performing, as described, the procuring entity will be entitled to reject the said subject matter of procurement or such portion thereof as may be discovered not to conform to the said description and quality or not performing as described. On such rejection, the subject matter of procurement will be at the seller's risk and all the provisions relating to rejection of goods, etc., shall apply. The successful bidder shall, if called upon to do so, replace the goods etc. or such portion thereof, as rejected by the procuring entity. Otherwise, the bidder shall pay such damages, as may arise by reason of such breach of the condition herein contained. Nothing herein contained shall prejudice any other right of the procuring entity in that behalf under this contract or otherwise. (ii) The bidder shall, during the guarantee period appearing in the contract, replace the whole subject matter of procurement or part(s), if any, and remove the manufacturing defects, if found during the above period so as to make the instrument operative. (iii) In case, any item supplied by the successful bidder does not conform to the required

	specifications, the payment thereof, if received by the supplier, shall have to be refunded to the Jammu and Kashmir Medical Supplies Corporation, J&K along with interest to the tune of 1.5% per month from the date of release of payment . The supplier will not have any rightful claim to the payment of cost for substandard supplies, which may have been consumed, either in part or whole, pending receipt of laboratory test / inspection report, wherever required. Supply of goods less in weight and volume than those mentioned on the label of the container, the same will be dealt with in the manner prescribed under rules.
6	**MARKING**
	All instruments/items supplied should bear marking & **also be engraved as** "**JKMSCL SUPPLY 2016-17, Country of origin/ manufacturing, item code**" or as mentioned in supply order, without which the supply shall not be entertained.
7	**APPLICABILITY OF TAXES**
	C-Form shall be issued by JKMSCL for charging CST at concessional rate against supplies made as per order. The invoice should show the concessional rate of CST separately.
8	**COMPARISON OF RATES:**
	(i) Only net rates should be quoted. No separate free goods or cash discounts should be offered. Rates must be valid for the entire period of contract. (ii) In comparing the rates quoted by a firm from outside J&K and another bidder from within the state, the element of Central Sales Tax shall be added in the rates of the from outside J&K and VAT, if any, shall be excluded from the rates quoted. While comparing the rates in respect of firms within J&K, the element of J&K VAT or CST shall be excluded from the rates quote. (iii) Consignee may be located at a district headquarter (except equipment/ machinery requiring installation and commissioning, the place may be any other station) or as directed by Jammu and Kashmir Medical Supplies Corporation Limited, J&K and the rates must be quoted accordingly. No cartage or transportation charges shall be payable. (iv) The net rate must be inclusive of all charges by way of packing, forwarding, incidental or transit charges, including transit insurance, and any other levies or duties etc. on the subject matter of procurement. (v) Excise duty or surcharge prevailing on the date of submission of bid rate must be included in the net rate and should also be shown separately in the Financial Bid. In the event of any subsequent variation (increase or decrease) in the rate of excise duty, VAT **or** CST by the government (state or central), the same will be admissible accordingly. (vi) If the rates of item quoted are found same from two for more bidders, then the bidders shall be asked to submit revised financial bid, containing reduced rates within given time by Managing Director, Jammu and Kashmir Medical Supplies Corporation Limited, J&K. (vii) The rates must be written both in words and figures. In case of discrepancy between the prices quoted in words and in figures, lower of the two shall be considered. There should not be errors or overwriting and corrections, if any, should be made clearly and initialled with dates. Element of the VAT or central sales tax should be mentioned separately. (viii) The bidder will exercise all due diligence at their own level regarding applicability of other taxes, duties and fees etc. for the unit of supplies as specified in the bid document and accordingly include the same in their quotes. Any additional/extra claims over and above the rates agreed pertaining to taxes, duties and fees etc. will not be entertained later on any account. (ix) No part of the bid document should be detached / deleted. (x) Any change or insertion of any other condition or stipulation in the above terms of supplies are not allowed and if so found, this shall render the bid to be rejected

	without notice. (xi) For comparison of rates, the average comprehensive annual maintenance charges shall be added to the rate quoted for the equipments, if comprehensive annual maintenance is applicable.
9	**SUBMISSION OF SAMPLES/CATALOGUES AND DEMONSTRATION**
	(i) Catalogues and samples, if required, of the quoted item(s) must be sent free of cost to JKMSCL even though the specifications or description etc. are mentioned in the bid form are complied. (ii) Samples of items(s) should be collected back from the JKMSCL, J&K within 07 days from the date of finalization of list of successful bidder/demonstration of product before the expert panel. The corporation shall not be responsible for any damage, wear and tear or loss during the course of testing / examination, etc. The corporation would retain the sample of approved item for one month beyond expiry of contract. The corporation shall not be responsible for any damage, wear and tear or loss in this period. The corporation shall not make any arrangement for return of samples even if the bidder agrees to pay the cost of transportation. (iii) The bidder may be asked to demonstrate the technique, procedure and utility of item as per specifications given in the bid document before the technical committee constituted by the Corporation for the purpose. In case of heavy equipment, the demonstration may be carried out at the nearby place where the equipment has been installed by the bidder. In that case, the decision of the technical committee shall be final. The firm shall keep ready the quoted item and arrange all logistics within the time frame as and when asked by the JKMSCL. After the due date, no request of the bidder/firm shall be entertained for demonstration. (iv) Sample should be strictly according to the item quoted in the bid form failing which the bid will not be considered. Sample must be submitted duly sealed and marked suitably either by writing on the sample or on a slip or durable paper securely fastened to the sample with the particulars as mentioned below: a. Name and full address of the firm b. Catalogue no. and name of the item c. Name of section d. Name of manufacturer e. Brand (v) No change in marking on sample will be allowed after the submission of the sample.
10	**PERFORMANCE SECURITY (P.S.) AND AGREEMENT:**
	(i) The successful bidder shall submit the original copy of Bid document signed on each page **at the time of agreement**. However, while uploading the technical bid, only the declaration regarding acceptance of terms & conditions shall be uploaded. (ii) The period of rate contract shall be 12 months from the 1st day of next month of agreement signing month. The Managing Director, JKMSCL can extend the original rate contract subject to original terms and conditions for a period deemed fit by them, but not exceeding three months, for which the bidder shall abide. (iii) Successful bidders, whose offers are accepted shall have to deposit performance security @5% of the value of the supply order in favour of Chief Accounts Officer, JKMSCL within 15 days from the date of issuance of letter of intent. The performance security shall be deposited in the form of FDR/CDR/B.G (Bank Guarantee). However, the bank guarantee shall be for a validity period of six months, beyond the guarantee period sought for the item. (iv) The firm may submit bank guarantee issued by any scheduled/nationalised bank. The minimum validity of bank guarantee should be six months after completion of guarantee period for the item. (v) The Performance Security: The Performance Security (P.S.) shall be 5% of the total value of stores ordered for supply. The payment shall not be released against

	supplies untill the additional Performance Security due is deposited by the supplier or additional. (vi) The performance security shall be refunded after six months after satisfactory completion of contract and after satisfying that there are no dues outstanding against the bidder subject to guarantee provisions. (vii) It is to be noted that earlier year's bid security and performance security, even if lying in the JKMSCL shall not be considered towards this contract and therefore fresh bid security/performance security shall be deposited. The JKMSCL shall pay no interest on bid security or performance security amount. (viii) Successful bidders shall have to execute an agreement on a Non-Judicial stamp paper of an amount mentioned in the offer letter, in the prescribed form with the JKMSCL and deposit performance security within 15 days from the date of acceptance of the bid is communicated to him. However, Managing Director JKMSCL, J&K may condone the delay in execution of contract by the bidder. The expenses in this regard shall be borne by the successful bidder. The validity of contract under this agreement shall be for a period as mentioned. (ix) The bidder shall furnish the following documents at the time of execution of agreement:- (i) Attested copy of partnership deed in case of partnership firms. (ii) Registration number and year of registration, in case partnership firm is registered with registrar of firms; (x) Address of residence and office, telephone numbers, in case of sole proprietorship with : (i) Registration issued by registrar of companies under Registrar of companies Act 1956, in case of company. (ii) Comprehensive maintenance agreement, if applicable. (xiv) In case of breach of any terms and conditions of the contract or on unsatisfactory performance, the amount of performance security shall be liable to forfeiture by JKMSCL, J&K and decision of Managing Director JKMSCL J&K shall be final. (xv) The rate contract can be repudiate/rejected at any time by the Managing Director JKMSCL, J&K if the supplies are not made to his satisfaction after giving an opportunity to the bidder of being heard and after reasons for repudiation being recorded by him in writing. However, Managing Director JKMSCL, J&K may terminate the agreement of contract at any time without notice/intimation to the successful bidder.
11	**SUPPLY ORDERS:**
	(i) Supply order shall be placed through registered post/e-mail/any communication medium by the JKMSCL. The date of receipt of letter of communication date will be treated as the date of order for calculating the period of execution of order. The successful bidder will execute the orders within a period of 60 days or as specified in the supply order. (ii) The successful bidder acknowledge receipt of orders within 7 days from the date of dispatch of order, failing which the procuring entity may be at liberty to initiate action to purchase the items on risk & cost purchase provision. (iii) In case of imported items, 30 days shall be given in addition to above mentioned period, (iv) Except, for equipments / machinery, which requires installation / commissioning, all other supplies shall have to be to FOR district drug warehouse only. In case of non-viable size of order for supplies, the corporation shall take appropriate decision on representation from the supplier on case to case basis. The consignee for supplies shall be JKMSCL. (v) To ensure sustained supply without any interruption, the Managing Director, JKMSCL reserves the right to have more than one approved supplier from amongst the qualified bidders

	as matched L1 supplied at matched L1 rates. In such a case, the requirement may be met by dividing be quantity among the rate contract holders considering the quantity required and dedicated capacity of the successful bidders. (vi) The ready stock position of the item, if provided by the firm, may be considered by the corporation for the placement of supply orders. (vi) It may be noted that the JKMSCL does not undertake to assist in the procurement of raw material, whether imported or controlled or restricted, and as such the bidders must offer their rates to supply the specific items from own quota of raw material stock by visualizing the prospect of availability and requirement. Any of the above points if taken, as argument for non-supply/delayed supply will not be entertained.
12	**SUBMISSION OF CONTRACT COMPLETION REPORT**
12.1	A consolidated statement shall be submitted to General Manager, EPM by the 10th of each month. Every time the statement should contain details of all orders placed under the contract.
12.2	Firms shall have to submit consolidated statement in duplicate at the end of rate contract well as after expiry of equipment / instrument guarantee period (as provided in guarantee clause of the contract) to enable JKMSCL to examine the case for refund of performance security.
12.3	The end user shall intimate the complaint/defect arise immediately to the manufacturer/importer/dealer with copy to JKMSCL for further follow up..
13.	**TERMS OF PAYMENT:-**
	(i) Only after the receipt of certificate of satisfactory installation/commissioning of the equipment/machinery/instruments, as well as training of personnel's of institution/speciality in handling of the machine, duly signed by the technical panel constituted by the corporation, duly authenticated by the HODs of the end user institute/speciality, the file for payment of the said equipment(s) shall be processed. (ii) Only in case, space for installation of machine is not available/provided by the end user institute, part payment upto 50% as deemed fit by the corporation shall be released subject to the condition that the end-user shall give in writing regarding their responsibility for any fault arise after installation/commissioning in later stage. (iii) In case of delayed supplies, deduction of liquidated damages as per provisions shall be made from payments. The firms shall seek time extension from the JKMSCL before delayed dispatch of supplies. (ii) Payment shall be made by RTGS. Expenses on this account, if any, shall be borne by the firm. (iii) No advance payments towards cost of items will be made to the bidder. (iv) All bills/invoices should be raised in triplicate and in the case of excisable items, the bills should be drawn as per central excise rules in the name of the authority concerned. (v) Payment(s) to authorised dealer/agents shall be made as per tripartite agreement only. (v) If at any time during the period of contract, the price of bid items is reduced or brought down by any law or act of the Central or State Government or by the bidder himself, the bidder shall be bound to inform JKMSCL immediately about it. Purchasing authority shall be empowered to unilaterally effect such reduction as is necessary in rates in case the bidder fails to notify or fails to agree for such reduction of rates. (vi) In case of any enhancement in Excise Duty due to notification of the Government after the date of submission of bids and during the bid period, the quantum of additional excise duty so levied will be allowed to be charged extra as a separate item without any change in the basic price structure of the items approved under the bid. For claiming the additional cost on account of the increase in excise duty, the bidder should produce a letter from the concerned excise authorities for having paid additional excise duty on the goods supplied to ordering authority and also must claim the same in the invoice separately. Similarly if

	there is any reduction in the rate of excise duty of items, as notified by the Government, after the date of submission of bid, the quantum of the price to the extent of reduction of excise duty of items will be deducted without any change in the basic price structure of the items approved under the bidder. (vii) In case of successful bidder has been enjoying excise duty exemption on any criteria, such bidder will not be allowed to claim excise duty at later point of time during the tenure of contract, if the excise duty become chargeable on goods manufactured due to any reason. (viii) If there is any hindrance by the consignee to provide the required site for installation the part payment of equipment will be made/decided by JKMSCL
14	**LIQUIDATED DAMAGES:**
	(i) The time specified for delivery in the bid form shall be deemed to be the essence of the contract and the successful bidder shall arrange supplies within the period on receipt of order from JKMSCL. (ii) In case of extension in the delivery period with liquidated damages, recovery of liquidated damages shall be made at such rates, as given below, of value of stores which the bidder has failed to supply :- (a) Delay up to one- fourth period of the prescribed delivery period - 2.5% (b) Delay exceeding one fourth but not exceeding half of the prescribed delivery period - 5% (c) Delay exceeding half but not exceeding three- fourth of the prescribed delivery period - 7.5% (d) Delay exceeding three- fourth of the prescribed period -10% fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day. The maximum amount of agreed liquidated damage shall be 10%. (iii) If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrances, he shall apply in writing to JKMSCL for the same immediately on occurrence of the hindrances but not after the stipulated date of completion of supply. The firms shall ensure extension of delivery period for delayed supplies. The payment shall only be released by JKMSCL after sanction of extension in delivery period. (iv) Delivery period may be extended with or without liquidated damages. If the delay in the supply of goods is on account of force majeure i.e., which is beyond the control of the bidder, the extension in delivery period may be granted without Liquidated Damage that too after thorough consideration by the Managing Director, JKMSCL. (v) If the bidder is unable to complete the supply within the specified or extended period, the purchasing officer shall be entitled to purchase the goods or any part thereof from elsewhere without notice to the bidder on his (i.e., bidders) account at his cost and risk, with the prior approval from JKMSCL. The bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the bidder. The bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the bidder under this or any other contract with the corporation/government. If recovery is not possible from the bill and the bidder fails to pay the loss or damage within one month of the demand, the recovery of such amount or sum due from the bidder shall be made or any other law for the time being in force. In case supplier fails to deliver ordered goods, the risk purchases may be made at market rate from any other firm. It is mandatory for the approved supplier to acknowledge receipt of orders within seven days from the date of dispatch of order, failing which the procuring entity will be at liberty to initiate action to purchase the items on risk purchase provision at the expiry of the prescribed supply period.
15	(i) JKMSCL shall procure the surgical instruments & implants for the Health & Medical Education Institutes of J&K State, inter-alia. (ii) The funds shall be transferred to JKMSCL with indent form and supply orders shall be

	placed by JKMSCL to suppliers.
16	**RECOVERIES**
	(i) Recoveries of liquidated damages, short supplies, breakage, rejected articles shall ordinarily be made from bills. Such amount may also be recovered from any other untied dues & security deposits available with the JKMSCL. In case recovery is not possible, recourse will be taken under or any other law in force. (ii) Any recovery on account of liquidated damage charges/risk & cost charges in respect of previous rate contracts/supply orders placed on them by JKMSCL can also be recovered from any sum accrued against this bid after accounting for untied sum or due payment lying with JKMSCL against previous rate contracts/supply orders. Firm shall submit details of pending amount lying with JKMSCL but decision of Managing Director JKMSCL, J&K regarding authenticity of sum payable shall be final.
17	**INSPECTION:-**
	(i) The equipments supplied shall be according to specifications provided at Section IV (3) schedule of supply and may be inspected by the technical panel/team constituted for the purpose by JKMSCL deemed fit on the site of manufacturer (in case of Indian manufacturer)/ importer (importer site). The manufacturer/importer shall facilitate the demonstration of the said machine/equipment/on the site only. After the receipt of "Certificate of satisfaction" from the technical panel, the supply order shall placed. In case of BIS Items, inspection shall be strictly as per relevant BIS specifications with latest amendments and have been made applicable by B.I.S. at the time of inspection. The machine/equipment shall be further inspected at the time of installation/commissioning at site i.e the end user site. The supplier shall provide all facilities for inspection/testing free of cost. (ii) Notwithstanding the fact that the authorized inspecting agency had inspected and/or has approved the stores/articles, the procurement officer or his representative may inspect the item/material as soon as it is received in the stores to ensure that the supply is in accordance with the specifications laid down in rate contract. (iii) In case of doubts in inspection/ test, same may be got inspected or tested in any laboratory. If the material is not found as per specifications or defective, consignee will not accept the material and shall inform the JKMSCL, J&K within 3 days. Consignee may also simultaneously ask the firm for removal of defect/replacement. The firm shall be bound to remove the defect or replace the defective equipment/item within 15 days of receipt of intimation from the consignee. However, the date of delivery, in case of defective item shall be taken as the date on which the JKMSCL accepts the item after replacement of defective material/removal of defects as the case may be. Wherever defective item is replaced, the inspection / testing charges, if any, shall be borne by the supplier. (iv) If required, the consignee may refer inspection committee to match the specification with available reserved sample with the corporation which is submitted by the firm/supplier at the time of technical approval. (v) In case of imported item, the supplier shall ensure that the item shall be inspected by the third party inspection agency before dispatched to the consignee. In case any un-inspected item has been found in the item received by consignee, the firm shall be solely responsible for it and the JKMSCL shall be free to take suitable necessary action as per terms and conditions of bid documents/agreement against the firm.
18	**PACKING AND INSURANCE**
	(i) The goods will be delivered at the destination in perfect condition. The firm if so desires may insure valuable goods against loss by theft, destruction or damages by fire, flood, under exposure to weather of otherwise in any situation. The insurance charges will have to be borne by the supplier and the corporation shall not be required to pay any such charges, if incurred. (ii) The firm shall be responsible for the proper packing so as to avoid damages under normal

	conditions of transport by sea, rail, road or air and delivery of material in good condition to the procurement officer's store. In the event of any loss, damage, breakage or leakage or any shortage the firm shall be liable to make good such loss and shortage found at destination after the checking/inspection of material by the consignee. No extra cost on such account shall be admissible. The firm may keep its agent to verify any damage or loss discovered at the consignee's store, if it so likes. (iii) Packing, cases, containers and other allied material if any shall be supplied free, except where otherwise specified by the firm(s) and agreed by the JKMSCL and the same shall not be returned to him.
19	**REJECTION**
	(i) Articles not as per specifications/or not approved shall be rejected by the JKMSCL and will have to be replaced by the supplier firm at his own cost within 15 days or as time limit fixed by the JKMSCL. (ii) All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard, samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents. The decision of Managing Director JKMSCL as to the quality of stores be final and binding upon the bidder. In case any of the articles supplied are not found as per specification or declared sub-standard/spurious, that shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account. (iii) The rejected item must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned will take reasonable care of such material but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises. (iv) No payment shall be made for defective/incorrect items. However, if payment has been made, then defective items shall be allowed to be removed only after the firm replaces material as per specifications, duly inspected. If the payment has not been made, the firm may be allowed to remove the material without prior replacement (provided firm has performance security as per condition No. 18). Joint inspection of defective material may be carried out as required by the JKMSCL. However sample of ISI marked material found defective shall be kept by consignee for reference to BIS. (v) In case firm wants to take back item to their works for rectification then firm has to deposit payment received against such defective supplies. In case supplier has not received any payment then material be returned to supplier firm for rectification. The Bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage in transit, the Bidder shall be responsible. No extra cost on such account shall be admissible.
20.	**CORRECTION OF ARITHMETIC ERRORS**
	Provided that a financial bid is substantially responsive, the procuring entity will correct arithmetical errors during evaluation of financial bids on the following basis: (i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the procuring entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected; (ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected. (iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the

	amount in figures shall prevail subject to clause (a) and (b) above. If the bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its bid security shall be forfeited or its bid securing declaration shall be executed.
21	**PROCURING ENTITY'S RIGHT TO VARY QUANTITY:**
	(i) The quantity of equipments and instruments originally indicated in the bidding document may vary without any change in the unit prices and other terms and conditions of the bid and the conditions of contract. (ii) If the Managing Director JKMSCL J&K procures less than the quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract. (iii) If the Bidder fails to supply the Managing Director JKMSCL J&K shall be free to arrange/procure the items and the extra cost incurred shall be recovered from the Supplier.
22.	**PARALLEL RATE CONTRACT**
	The JKMSCL may also execute parallel rate contract to with more than one firm for each item on the lowest approved rates on the same terms and conditions, if the original lowest one each not in a position to supply material as per JKMSCL requirement. (i) To ensure sustained supply without any interruption, the bid inviting authority reserves the right to approve more than one supplier to supply the requirement among the qualified bidders. (ii) Orders will be placed with Lowest I (L-1) firm. However in case of any exigency at the discretion of the bid inviting authority, the orders may also be placed with the other firms, in the ascending order, L-2, L-3 and so on who have matched with the L-1 rates and executed agreement with corporation on same rates (L1), terms and conditions. (iii) After the conclusion of financial bid opening (Cover B) the lowest offer of the bidder is considered for negotiation and rate arrived after negotiations is declared as L-1 rate and L-1 supplier for an item for which the bid has been invited. (iv) The bid who has been declared as L-1 supplier for certain item shall execute necessary agreement for the supply of the required quantity of such item on depositing the required amount performance security and on execution of the agreement such bidder is eligible for the placement of supply orders. (v) JKMSCL will inform the L-1 rate to the bidders who had qualified for financial bid (Cover B) opening, inviting their consent to match with the L-1 rates for the item/items quoted by them and the bidders who agree to match L-1 rate, will be considered as matched L-1 (vi) The bidder who agrees to match L-1 rate shall furnish the breakup detail (Rate, CST, VAT, etc.) of rates (L-1 rates). (vii) The supplier, on receipt of the supply orders deems that the purchase orders exceeds the production capacity declared in the bid documents and the delay would occur in executing the order, shall inform the JKMSCL immediately without loss of time and in executing the order, shall be returned within 7 days from the date of issuing order, failing which the supplier would be deprived from disputing the imposition of liquidated damages, and penalty for the delayed supplies. (viii) If the L-1 supplier has failed to supply / intimated JKMSCL about his inability / delay in supply as per the supply order, the required items within the stipulated time or as the case may be, JKMSCL may also place purchase orders with the matched L-1 Bidders for purchase of the items provided such matched L-1. Bidders shall execute necessary agreement indicating the production capacity as specified in the bid document on depositing the required amount. Such bidder is eligible for the placement of purchase orders for the item quoted by them.

	(ix) Subject to para (vii) above, while JKMSCL has chosen to place purchase orders with matched L-1 supplier and there are more than one such matched L-1 supplier, then the purchase orders for the requirement of items will be place with L-2 first on matched rates of L-1 and in case L-2 does not have the required capacity than L-3 would be considered on matched L-1 rates and the same order would be flowed in case of L-3, L-4, etc. (x) The matched L-1 supplier, on placement of purchase orders, will be deemed as L-1 rate supplier for the purpose of the bid and all provisions of the bid document applicable to L-1 rate bidder will apply mutatis mutandis to the matched L-1 supplier. (xi) If the supplier fails to supply the item for the purchase orders, at any point of time, either fully or partly, within the stipulated time, JKMSCL is at liberty to place purchase orders with other bidders (in ascending order, viz, L-2, L-3 and so on) at the price offered by then and in such cases the supplier is liable to indemnify JKMSCL, without any protest or demur, for the difference in cost incurred by JKMSCL and the JKMSCL is entitled to recover the difference in cost from the amount due / payable to the supplier. (xii) Parallel rate contract may be concluded as described above during any time / currency of rate contract subject to matching of L-1 rates, price fall clause and on same terms and conditions.
23	**VALIDITY OF BID:**
	Bids shall be valid for a period of 120 days from the date of opening of technical bid. Prior to the expiry of the period of validity of bid, the procuring entity, may request the bidders to extend the bill validity period for an additional specified period of time. A bidder may refuse the request and such refusal shall be treated as withdrawal of the bid but in such circumstances bid security shall not be forfeited.
24	**PRICE ESCALATION:**
	Price escalation or p rice variation shall not be applicable or considered under any circumstances for the purchases made under this bid or agreement. However, the provisions provided for tax variations are exclusive to this clause.
25	**SUBLETTING OF CONTRACT:**
	Subletting or assigning contract to third party is prohibited. In the event of bidder violating this condition, the Jammu and Kashmir Medical Supplies Corporation Limited shall be at liberty to place the contract elsewhere on the Bidder's account and at his risk. The bidder shall be liable for any loss or damage, which the Government may sustain in consequence or arising out of such replacement of the contract.
26	**FALL CLAUSE:-**
	(i) The prices under contract shall be subject to price fall clause. The prices charged for the store supplies under the contract by successful bidder shall in no event exceed the lowest price at which the successful bidder sells the stores of identical description to any other persons during the period of the contract in the state of J&K. If any time, during the period of the contract, the bidder reduces the sales price chargeable under the contract, he shall forth with notify such reduction to the JKMSCL, J&K and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale shall stand reduced correspondingly. It imply that if the contract holder quotes/ reduces its price to render similar goods at a price lower than the contract price to anyone in the State at any time during the currency of contract including extension period, the contract price shall be automatically reduced with effect from the date of reducing or quoting lower price for all delivery of subject matter of procurement under contract and the contract shall be amended accordingly. (ii) The firms holding parallel rate contract shall also reduce their price. Firms shall notify their reduced price and intimate their acceptance to the revised price within 15 days to JKMSCL.

	Similarly, if parallel rate contract holding firm reduced its price during currency of the rate contract, its reduced price shall be conveyed to other parallel rate contract holding firms and the original rate contract holding firms for corresponding reduction in their prices. If any rate contract holding firm does not agree to reduce price, further transaction with it, shall not be conducted.
27	**GRIEVANCE / APPEAL**
27.1	In case of any dispute, the decision of Managing Director, JKMSCL shall be final and binding. In any dispute arises out of the contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be referred to the Managing Director, JKMSCL, J&K, who will appoint his senior most officer as sole Arbitrator of the dispute, who will not be related to this contract and w hose decision shall be final and binding on both the parties. The Arbitrator shall deal with the grievance expeditiously, as possible and shall endeavour to dispose it off, within thirty days from the date of its submission.
27.2	If the officer designated as Arbitrator fails to dispose of the grievance filed within the period or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the Officer, appointed as Arbitrator, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file a Appeal before Final Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the order passed by Arbitrator or of the date of receipt of the order passed by the Arbitrator, as the case may be. The Designation and address of the final Appellate Authority is Secretary, Health and Medical Education Department, J&K.
27.3	**(i) Appeal not to lie in certain cases** No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:- (a) Determination of need of procurement; (b) Provision limiting participation of Bidders in the Bid process; (c) The decision of whether or not to enter into negotiations; (d) Cancellation of a procurement process; (e) Applicability of the provisions of confidentiality. (ii) **Form of Appeal:** (a) An appeal under Para (27.1) or (27.2) above shall be in the Form (Annexure-) along with as many copies as there are respondents in the appeal. (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee. (c) Every appeal may be presented to First Appellate Authority or Final Appellate Authority, as the case may be, in person or through registered post or authorized representative. (iii) **Fee for filling appeal:** (a) Fee for filing appeal before final appellate authority shall be Rs. 10,000/- (Rupees Ten thousand only), which shall be 50% refundable, when the case has been proven true. (b) The fee shall be paid in the form of bank demand draft only of a Scheduled Bank in India payable in the name of Appellate Authority concerned. (iv) **Procedure for disposal of appeal:** (a) Appellate Authority upon filling of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing. (b) On the date fixed for hearing, the Appellate Authority shall,-

	(i) Hear all the parties to appeal present before him; and (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter. (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties free of cost. (d) The order passed under sub-clause (c) above shall be placed on the J&K State tender Portal, www.jktenders.nic.in.
27.4	If the bidder wishes to lodge any complaint against the other bidder regarding submission of false documents, information etc, the bidder has to deposit Rs. 10,000/- (Rupees Ten thousand only) in the form of Demand Draft drawn in favour of JKMSCL in terms of deposit. The amount so deposited shall be refunded if after scrutiny the complaint is found to be true. However, if the complaint found to be false and malafide, the deposit will be forfeited. No interest shall be paid against this deposit. The complaint must be on letter head bears the signature of the bidder or the authority higher than the bid signatory of the firm.
28	**COMPLIANCE WITH THE CODE OF INTEGRITY AND NO CONFLICT OF INTEREST :**
	Any person participating in a procurement process shall- a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process; b) Not misrepresent or omit misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation; c) Not indulge in any collusion, bid rigging or any-competitive behaviour to impair the transparency, fairness and progress of the procurement process; d) Not misuse any information shared between the procuring entity and the bidders with an intent to gain unfair advantage in the procurement process; e) Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any part or to its property to influence the procurement process; f) Not obstruct any investigation or audit of a procurement process; g) Disclose conflict of interest, if any; and h) Disclose any previous transgressions with any entity in India or any other country during the last three years or any debarment by any other procuring entity. **Conflict of Interest :** The bidder participating in a bidding process must not have a conflict of interest. A conflict of interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations. A bidder may be considered to be in conflict of interest with one or more parties in bidding process if, including but not limited to : a. Have controlling partners/shareholders in common; or b. Receive or have received any direct or indirect subsidy from any of them; or c. Have the same legal representative for purposes of the bid; or d. Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder, or influence the decisions of the procuring entity regarding the bidding process; or e. The bidder participates in more than one bid in a bidding process. Participation by a bidder

	in more than one bid will result in the disqualification of all bids in which the bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a bidder, in more than one bid; or f. The bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the goods, works or services that are the subject of the bid; or bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring entity as engineer-in charge/consultant for the contract. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge / consultant for the contract.
29	**DISPUTE SETTLEMENT MECHANISM (ARBITRATION)**
	If any dispute arise out of the contract with regard to the interpretation, meaning and breach of the terms of the contact, the matter shall be referred by the parties to the Managing Director JKMSCL, J&K who will appoint his senior most official as the sole arbitrator of the dispute who will not be related to this contract and whose decision shall be final. All legal proceedings, if necessary arise to institute may by any of the parties (JKMSCL or contractor) shall have to be lodged in courts situated at Jammu / Srinagar in J&K and not elsewhere.
30	All correspondence in this connection should be addressed to the Managing Director JKMSCL, J&K. Technical questions should be referred to the Managing Director JKMSCL, J&K direct by correspondence or by personal contact.
31	(i) Direct or indirect canvassing on the part of bidders or their representative shall disqualify their bids. (ii) Supplier may be disqualified, banned or suspended from business during the rate contract if : (a) fails to execute a contract or fails to execute it satisfactorily ; (b) no longer has the technical staff or equipment considered necessary ; (c) is declared bankrupt or insolvent or its financial position has become unsound, and in the case of a limited company, it is wound-up or taken into liquidation ; (d) The firm is suspected to be doubtful loyalty to state. (e) The State Bureau of Investigation (SBI) or any other Investigating agency recommends such a course in respect of a case under investigation. (f) Managing Director JKMSCL, J&K is prima- facie of the view that the firm is guilty of an offence involving moral turpitude in relation to business dealings, which if established would result in business dealing with it banned.
32	No action on the letter head of the bidder /firm regarding any complaints against the JKMSCL will be considered unless the letter head bears the signature of the bidder or the authority higher than the bid signatory of the firm.
33	(i) If any certificate/documents/information submitted by the bidder found to be false/ forged/ fabricated/vexatious or frivolous or malicious appeals or complaints etc. than bidder shall be liable for the appropriate legal action along with disqualification, banning, suspension etc. for limited or unlimited period. (ii) Bidders are required to submit wanted information (if any) based on the facts. If the furnished information by the firm found to misleading or not based on facts disciplinary action against the firm may be taken as to banning concerned item/items for certain or uncertain period.
34	The JKMSCL reserves the right to accept any bid not necessarily the lowest. The JKMSCL may reject any bid without assigning any reasons and accept bid for all or anyone or more of the articles

	for which bidder has been given or distribute items of stores to more than one firm/supplier.
35	The JKMSCL will have the right of rejection of all or any of the bids without assigning any reason for the same. The right to conclude parallel rate contracts with another firm for the stores detailed in Table I is also reserved by the Managing Director JKMSCL, J&K
36	Extra stipulation or any other condition contrary to the above bid conditions are not acceptable and may render the bid liable to rejection.
37	The bidder must sign all the pages of bid document at the below of terms & conditions agreeing to abide by all conditions of the bid and accept them in toto. The Signing of **Annexure XII** shall be treated as acceptance of all the terms and conditions of the bid document.
38	The Managing Director JKMSCL, J&K may relax or change/ modification in terms and conditions in the exigency excluding fundamental changes. In case of such urgency the terms & conditions shall be got approved from Purchase committee of Managing Director JKMSCL, J&K as the case may be.
39	**JURISDICTION:-** All actions, legal proceedings and suits arising from or connected to this bid shall be subject to the exclusive jurisdiction of courts in J&K only.

Section VI B: - Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The clauses of special conditions of contract are as follows:-

Clause No.	Particulars
1.	Technical details, bid security, tender cost, tender processing fee and all other required documents should be uploaded under **Cover "A" Technical Bid** and financial details (BOQ) should be uploaded under **Cover "B". The documents submitted/uploaded at the time of registration needs not to be uploaded in technical bid.** No document except financial instrument (DD/FDR) & catalogues of the bid items shall be entertained physically by the Corporation.
2.	Pre-requisite, if any, for installation, including UPS, computer, printer, and other items should be provided by the firm in technical bid and financial bid respectively.
3.	Firm shall provide comprehensive guarantee with spare parts for item(s), as mentioned in Technical specification (from the date of installation / demonstration). Acceptance of comprehensive maintenance contract after expiry of guarantee period should be submitted with the cover "A" and rates in cover "B" respectively.
4.	Conditional bids shall not be considered.
5.	Transhipment shall be permitted and partial shipment not allowed.
6.	Normally, payment shall be released after installation, demonstration and successful commissioning of equipment/ITEM and satisfactory operational training.
7.	All certificates should be valid on the date of submission of bids and issue of supply order.
8.	The bidder should have well equipped local service centre in India preferably in J&K.
9.	i. The bidder shall be a manufacturer/direct importer/authorised dealer of the original manufacturer/importer who must have manufactured/ imported and supplied and installed this equipment(s) in India satisfactorily. ii. The merger / amalgamation / transfer of business / transfer of assets etc. of a firm affects the bid condition relating to 'past performance' in preceding years. In cases where bidder acquired an ongoing business or assets of another entity, eligibility in respect of the past performance and condition relating to minimum turn over in preceding years shall be decided based on specific mention in purchase and transfer of ownership agreement / agreement of sale of business and / or its assets / board of directors (B.O.D) resolution chartered accountant certification or any other document (s) in this regard, which the bidder shall have to submit preferably with the bid. The eligibility of a bidder in this regard shall be ascertained by the purchase committee on the basis of the above stated agreement or any other document(s) and the decision of purchase committee shall be final.

10.	**QUALITY PARAMETERS** • All Instruments should meet the National/ International Certification like CE/USFDA/DIN/ ISO or any other equivalent standardization. • The catalogues/ literature of the instruments, if any shall be submitted in original to the office of JKMSCL against proper receipt. • The manufacturer/ firm shall certify that all instruments are brand new. The manufacturer should have a direct repair facility available in India. In case of imported item(s), the bidder will have to produce third party inspection report from NABL approved/accredited laboratory or DGS&D or Central/State Govt. laboratory or Central/State Govt. approved laboratory pertaining to specification and performance of each supplied instrument(s) with the consignment. All expenses regarding third party inspection will be borne by the bidder. Whereas, the Indian products shall meet ISI/BIS/ISO/OEM or equivalent quality norms.
11.	The name, make, model and brand of equipments/items, which are offered, should be mentioned in against each item. Mere indication of English/USA/Indian will not serve the purpose.
12.	In the case of supply of imported item the suppliers may be asked to furnish a certificate to the effect that the firm has completed all the formalities in connection with import of the item in question.
13.	In case the item approved by the JKMSCL is procured by any other department on the rate contract of JKMSCL, the administrative charges to the extent of 5% of the invoice value shall be deposited by the approved firm or else, the firm/supplier shall be liable to be penalised which may lead to blacklisting/debarring from entering into the tender process for not less than 05 years by JKMSCL besides forfeiture of earnest money or any other action as deemed fit by the Managing Director, JKMSCL.

APPLICABILITY OF CLAUSES: - All the clauses from 1 to 40 of general terms and conditions and from 1 to 13 of special terms and conditions and their annexure, formats & enclosures are applicable for the bid items.

Managing Director
Jammu and Kashmir Medical Supplies Corporation Limited

I/We have read the above terms and conditions and I/We agree to abide myself/ourselves by the above terms & conditions of the bid document

Signature of bid with seal

Section VI C: Contract Forms (CF)

Table of contents

Annexure AI

LETTER OF ACCEPTANCE

M/s ……
……
……
……

Sub :- Acceptance of the bid rates for the item .....
Ref :- Your bid no. ..... dated ……..

1. Item (s) as per schedule enclosed/ noted/is/are approved in your favour against the rate (s) quoted by you in the above mentioned bid. According to the terms & conditions of the bid it is necessary to execute an agreement in the prescribed form enclosed, on a non judicial stamp paper of Rs. **……** and furnish the requisite amount of performance security. The amount of performance security calculated on the basis of the approved items and indicative quantity mentioned in the bid from works out to …….. (…… only)
2. The performance security shall be furnished to Jammu and Kashmir Medical Supplies Corporation Limited through bank draft payable at Jammu.
3. All terms and conditions of the bid document shall be an integral part of the contract. You are informed to return the agreement form along with schedule of rates for approved item (s) in duplicate duly filled in and signed by you with signature and addresses of two witnesses below signature at the appropriate place mentioned in the agreement form. The copies of the agreement form must be send duly completed in all respect along with the amount as mentioned above falling which it will be treated as a breach of the terms and conditions of the bid and it will also be presumed that you are not interested in entering into the contract and approval of the rates shall be cancelled without notice or any reference.
4. The list of approved items may be checked and in case there is any difference between your offer and the approved rates, the same may be intimated immediately, failing which it will be presumed that it is correct as per your offer and technical specification.
5. The firm shall furnish consolidated statement of supplies made to JKMSCL by the 10th of the next month as per terms of conditions.
6. Please note that self attested/notarized copies of documents shall be considered valid. If photo copies are submitted, than at the time of signing the agreement, the firm shall bring original documents for confirmation.
7. Also please arrange to furnish the following documents required under the terms and conditions of the bid failing which the agreement will not be executed and the failure would lie at your part
   (i) **The original copy of bid document signed on each page, which has been uploaded on e-procurement portal.**
8. You are therefore; requested to please complete the above formalities within 15 days from the date of issue of this letter. The duly signed duplicate copy of the agreement will be returned to you for reference.

Encl.:1. Agreement form
2. Schedule of Rates
3. CMC format, if applicable
Any other

Managing Director
Jammu and Kashmir Medical Supplies Corporation Limited

Annexure AII

SAMPLE PERFORMA FOR AGREEMENTS

[on Rs. 100/- Non-Judicial Stamp Paper- "Affidavit"]

Agreement : 1

(For Manufacturers/ Direct Importers only)

This deed of agreement is made on this ..... day of ..... 2016 between Jammu & Kashmir Medical Supplies Corporation Limited represented by its General Manager(Administration) having its registered office at Near Over Head Tank, Govt. Medical College Jammu/ 121- Green Avenue, Hyderpora, Srinagar (herein after referred to as "First Party" (Purchaser) which term shall include its successor, representatives, executers assigns and administrator unless excluded by the contract) and M/s ..... (Original Manufacturer/ Direct Importer) represented by its Proprietor/ Managing Director/ Managing Partner/ Authorized Signatory of the company/ firm having its registered office at ..... and its factory premises at ..... (herein after referred to as "Second Party" (Suppliers) which term shall include its successors representatives, heirs, executers and administrators unless excluded by the contract).

Whereas the (Original Manufacturer/ Direct Importer) (Second Party)) have agreed to supply to First Party (Purchaser), the _____ with specifications mentioned in the scheduled attached here to at the prices noted herein and in the manner and under the terms and conditions herein after mentioned and whereas the second party has agreed to deposit performances security to first party, equivalent to 5% of the tentative cost/ contract value (rounded to the nearest round number) of the tender document in the form bank of guarantee for the due and faithful performance of this agreement, to be forfeited in the event of Second Party failing duly and faithfully to perform it. Now these presents witness that for carrying out the said agreement in this behalf into execution the Second Part and the First Party (Purchaser) do hereby mutually covenant, declare, contract and agree each of them in the manner following, that is to say,

1. The term "Agreement", wherever used in these connection shall mean and includes the terms and conditions contained in the invitation to bid floated, , the instructions to bidders, the condition of bid, acceptance of bid, particulars herein after defined and those eligibility criteria, general conditions and other conditions that may be added from time to time.

2.1. The agreement is for the supply & installation, by the Second Party (Suppliers) to the First Party (Purchaser), of the items on terms and conditions set forth in the agreement.

2.2. This agreement shall be deemed to have come into force with effect from the date of receipt of letter of information/ acceptance and it shall remain in force upto a period of twelve (12) months which can further be extended for another three (03) months with mutual consent of First Party and Second Party.

2.3. The Second Party shall have no right/ query regarding placing of orders against the tentative requirement mentioned in the schedule enclosed which may increase or decrease or First Party may not issue any order for certain item/ items mentioned therein the schedule enclosed/ tentative/ Indicative quantity.

2.5. The release of payment shall be as per terms and conditions/ payment clause of the tender document and deduction and penalties as per the tender document.

3. SUPPLIES ON THE RATE CONTRACT OF JKMSCL:

The Second Party shall in no case, use the rate contract of JKMSCL for making supplies and / or comparing of rates to/ with any of other department(s)/ agency(ies)/ NGO etc. In case Second Party supplies any of the item(s) at the rate contract or provides the document for comparison of rates or otherwise, to any other department(s)/ agency(ies)/ NGO(s) etc, the defaulted Second Party shall have to pay 7.5% of the total invoice value of the product(s) supplied to other department(s)/ agency(ies) etc at the rate contract of JKMSCL as penalty to the first party (JKMSCL-purchaser) and further the Second Party shall be liable to be considered for Debarring/ Blacklisting for a period not less than five years.

4. TERMINATION OF CONTRACT ON BREACH OF CONDITION.

4.1. In case the supplier fails or neglects or refuse to faithfully perform any of the covenants on his part herein contained, it shall be lawful for the First Party to forfeit the amount deposited by the supplier (second party) as performance security and cancel the contract.

4.2. In case the Second Party neglects or refuse to observe, performs, fulfill and keep, or any one or more or any part of any one of covenants, stipulation and provisions herein contained, it shall be lawful for the First Party on any such failure, neglect or refusal, to put an end to this agreement and there upon on every article, cause and thing herein contained on the part of First Party shall cease and be void and incase of any damage, loss, expenses, differences in cost or other from out of deposit/ due for the time being payable to the Second Party under this and/ or any other contract and in case such last mentioned deposit/ dues are insufficient to cover all such damages, loses, expenses, difference in cost and other deposit as aforesaid, it shall be lawful for the First Party to appropriate the performance security made by the supplier as herein before mentioned to reimburse all such damages, losses, expenses and difference in cost and other money as the purchaser shall be sustained, incurred or been put to by reason of the Second Party (Supplier) having been guilty of any such failure negligence or refusal as aforesaid or other breach in the performance of this contract.

4.3. If any time during the course of contract it is found that the information furnished by the Second Party (Supplier) to the First Party (Purchaser) either in his bid or otherwise, is false, the purchaser may put on end to the contract/ agreement wholly or in part and thereupon the provision of clause "4.1" above shall apply or any other action are deemed fit by the First Party may also apply.

4.4. The First party (Purchaser-JKMSCL) reserves the right to terminate, without assigning any reasons the contract/ agreement either wholly or in part, without any notice to the Second Party. The Second Party shall not be entitled for any compensation what so ever in respect of such termination of the contract/ agreement by the First Party.

5. All certificates or notices or orders for time or for extra, varied or altered suppliers which are to be the subject of extra or varied charges whether so described in the Agreement or not, shall be in writing and unless in writing shall not be valid, biding or be of any effect what so ever.

6. The Second Party (Supplier) shall not be in any way interested in or concerned directly or indirectly with any of the officer, subordinate or servants of the First Party. In any trade, business or transaction nor shall the Second Party give or pay or promise to give or pay any such officer, subordinate, servant directly or indirectly any money or fee or other consideration under designation of "Custom" or otherwise; nor shall the Second Party permit any person or persons whomsoever to interfere in the management or performance hereof under the Power of Attorney or otherwise without the consent in writing of the First Party obtained in first hand.

7. In case the Second Party (Suppliers) at any time during the continuance of the contract becomes bankrupt of or in solvent or commits any act of bankrupt or insolvency under the provisions of any

law in that behalf for the time being inforce or should compound with his creditors, it shall be lawful for the First Party to put an end to the agreement and there upon on every article , clauses and thing herein contained to be operative on the part of the purchaser, shall cease and be void and the First Party shall have all the rights and remedies given to him under the preceding clauses.

8. SERVING OF NOTICE TO SUPPLIER

8.1. All notice or communication relating to or arising out of this agreement or any of the terms thereof shall be considered duly served on or given to the Second Party (Suppliers) if delivered to him or left at his/ her premises, place of business or abode.

9. And it is hereby agreed and declared between the parties hereto that in case any question of dispute arises touching the construction or wording of any of clause herein contained the rights, duties, liabilities of the parties hereto or any other way, touching or arising out of the presents the decision of the Managing Director, JKMSCL in the matter shall be final and binding.

10. All disputes arising out of this agreement and all questions relating to the interpretation of this agreement shall be decided by first and the final appellant authority and decision of said authority shall be final.

11. All terms and conditions of the NIT shall be the part of this agreement.

Original Manufacturer/ Direct Importer	Jammu & Kashmir Medical Supplies Corporation Ltd
(Supplier) (Second Party) by	(First Party) Represented
(Signature, Name & full Address with stamp	General Manager (Adm)/ JKMSCL
	(Signature, Name & full Address with Stamp)

Witness (Signature, Name & Address)

1.

2.

[on Rs. 100/- Non-Judicial Stamp Paper- "Affidavit"]

Agreement : 2

(Tripartite Agreement for Authorized Agents/ Dealers/ Facilitators)

This deed of agreement is made on this ..... day of ..... 2016 between Jammu & Kashmir Medical Supplies Corporation Limited represented by its General Manager(Administration) having its registered office at Bakshi Nagar, Jammu/ 121- Green Avenue, Hyderpora, Srinagar (herein after referred to as "First Party" (Purchaser) which term shall include its successor, representatives, executers assigns and administrator unless excluded by the contract), M/s ..... (Original Manufacturer/ Direct Importer) represented by its Proprietor/ Managing Director/ Managing Partner/ Authorized Signatory of the company/ firm having its registered office at ..... and its factory premises at ..... (herein after referred to as "Second Party" (Suppliers) which term shall include its successors representatives, heirs, executers and administrators unless excluded by the contract) and M/s ..... (Authorized agent/ dealer/ facilitator) represented by its Proprietor/ Managing Partner/ Managing Director having its registered office at ..... (herein after referred to as "Third Party"- (Authorized Agent/ Suppliers/ Dealers) of Second Party, which term shall include its successors representative, heirs, executers and administrators unless excluded by the contract).

Whereas the (Original Manufacturer/ Direct Importer) (Second Party/ Third Party (Authorized agents/ dealer)) have agreed to supply to First Party (Purchaser), the _____ with specifications mentioned in the scheduled attached here to at the prices noted herein and in the manner and under the terms and conditions herein after mentioned and whereas the second party/ third party have agreed to deposit performances security to first party, equivalent to 5% of the tentative cost/ contract value (rounded to the nearest round number) as per tender document in the form of bank guarantee for the due and faithful performance of this agreement, to be forfeited in the event of Second Party/ Third Party failing duly and faithfully to perform it. Now these presents witness that for carrying out the said agreement in this behalf into execution the Second Part/ Third Party, and the First Party (Purchaser) do hereby mutually covenant, declare, contract and agree each of them in the manner following, that is to say,

1. The term "Agreement", wherever used in these connection shall mean and includes the terms and conditions contained in the invitation to bid floated for the rate contract cum supply & installation of items for Jammu & Kashmir Medical Supplies Corporation Limited, the instructions to bidders, the condition of bid, acceptance of bid, particulars herein after defined and those eligibility criteria, general conditions and other conditions that may be added from time to time.

2.1. The agreement is for the supply & installation, by the Second Party/ Third Party (Suppliers) to the First Party (Purchaser), of the items on terms and conditions set forth in the agreement.

2.2. This agreement shall be deemed to have come into force with effect from the date of receipt of letter of information/ acceptance and it shall remain in force upto a period of twelve (12) months which can further be extended for another three (03) months with mutual consent of First Party and Second Party/ Third Party.

2.3. The Second Party/ Third Party shall have no right/ query regarding placing of orders against the tentative requirement which may increase or decrease or First Party may not issue any order for certain item/ items mentioned therein the schedule enclosed/ tentative/ Indicative quantity.

3. AUTHORIZED AGENTS/ DEALERS OF SECOND PARTY:

3.1. In this agreement, the Second Party (Original Manufacturer/ Direct Importers) have authorised M/s ..... ; (Third Party) as Agent/ Distributers/ Dealers to submit bid, to negotiate with First Party, to raise invoice and receive payment on behalf of Second Party; and as such, supplies shall be endorsed by the Second Party M/s ..... (Original Manufacturer/ Direct Importers) and original copy of delivery challan of Second Party towards the Third Party for such supplies shall be endorsed alogwith invoice submitted by Third Party to First Party.

3.2. The Corporation under such arrangements shall have a right to secure confirmation to authority of suppliers from Second Party before releasing the payments.

3.3. The release of payment shall be as per terms and conditions/ payment clause of the tender document and deduction and penalties as per the tender document.

4. SUPPLIES ON THE RATE CONTRACT OF JKMSCL:

The Second Party or Third Party shall in no case, use the rate contract of JKMSCL for making supplies and / or comparing of rates to/ with any of other department(s)/ agency(ies)/ NGO etc. In case Second Party/ Third Party supplies any of the item(s) at the rate contract or provides the document for comparison of rates or otherwise, to any other department(s)/ agency(ies)/ NGO(s) etc, the defaulted Second Party or Third Party, wherever applicable, shall have to pay 7.5% of the total invoice value of the product(s) supplied to other department(s)/ agency(ies) etc at the rate contract of JKMSCL as penalty to the first party (JKMSCL-purchaser) and further the Second Party/ Third Party shall be liable to be considered for Debarring/ Blacklisting for a period not less than five years.

5. TERMINATION OF CONTRACT ON BREACH OF CONDITION.

5.1. In case the supplier fails or neglects or refuse to faithfully perform any of the covenants on his part herein contained, it shall be lawful for the First Party to forfeit the amount deposited by the supplier (second party/ third party) as performance security and cancel the contract.

5.2. In case the Second Party/ Third Party fails, neglects or refuse to observe, performs, fulfill and keep, or any one or more or any part of any one of covenants, stipulation and provisions herein contained, it shall be lawful for the First Party on any such failure, neglect or refusal, to put an end to this agreement and there upon on every article, cause and thing herein contained on the part of First Party shall cease and be void and incase of any damage, loss, expenses, differences in cost or other from out of deposit/ due for the time being payable to the Second Party/ Third Party under this and/ or any other contract and in case such last mentioned deposit/ dues are insufficient to cover all such damages, loses, expenses, difference in cost and other deposit as aforesaid, it shall be lawful for the First Party to appropriate the performance security made by the supplier as herein before mentioned to reimburse all such damages, losses, expenses and difference in cost and other money as the purchaser shall be sustained, incurred or been put to by reason of the Second Part/ Third Party (Supplier) having been guilty of any such failure negligence or refusal as aforesaid or other breach in the performance of this contract.

5.3. If any time during the course of contract it is found that the information furnished by the Second Party/ Third Party (Supplier) to the First Party (Purchaser) either in his bid or otherwise, is false, the purchaser may put on end to the contract/ agreement wholly or in part and thereupon the provision of clause "5.1" above shall apply or any other action are deemed fit by the First Party may also apply.

5.4. The First party (Purchaser-JKMSCL) reserves the right to terminate, without assigning any reasons the contract/ agreement either wholly or in part, without any notice to the Second Party/ Third Party. The Second Party/ Third Party shall not be entitled for any compensation what so ever

in respect of such termination of the contract/ agreement by the First Party.

6. All certificates or notices or orders for time or for extra, varied or altered suppliers which are to be the subject of extra or varied charges whether so described in the Agreement or not, shall be in writing and unless in writing shall not be valid, biding or be of any effect what so ever.

7. The Second Party/ Third Party (Supplier) shall not be in any way interested in or concerned directly or indirectly with any of the officer, subordinate or servants of the First Party. In any trade, business or transaction nor shall the Second Party/ Third Party give or pay or promise to give or pay any such officer, subordinate, servant directly or indirectly any money or fee or other consideration under designation of "Custom" or otherwise; nor shall the Second Party/ Third Party permit any person or persons whomsoever to interfere in the management or performance hereof under the Power of Attorney or otherwise without the consent in writing of the First Party obtained in first hand.

8. In case the Second Party/ Third Party (Suppliers) at any time during the continuance of the contract becomes bankrupt of or in solvent or commits any act of bankrupt or insolvency under the provisions of any law in that behalf for the time being inforce or should compound with his creditors, it shall be lawful for the First Party to put an end to the agreement and there upon on every article , clauses and thing herein contained to be operative on the part of the purchaser, shall cease and be void and the First Party shall have all the rights and remedies given to him under the preceding clauses.

8.1. In case Third Party, (Authorized Agent/ Dealer/ facilitator- clause 3) at any time during the continuants of the contract become bankrupt of or insolvent or commits any act of bankrupt or insolvency either provisions of any law in that behalf for the time being in force, or should compound with his creditors, the Second Party, (Original Manufacturer/ Direct Importers) shall be bound to continue with the supplies directly for the First Party till the completion of contract otherwise it shall be lawful for the purchase to put an end to the agreement and thereupon every article clause and thing herein contained to be operative as part of First Party, shall cease and be void and the First Party shall have all the rights and remedies given to him under the preceding clauses.

9. SERVING OF NOTICE TO SUPPLIER

9.1. All notice or communication relating to or arising out of this agreement or any of the terms thereof shall be considered duly served on or given to the Second Party/ Third Party (Suppliers) if delivered to him or left at his/ her premises, place of business or abode.

10. And it is hereby agreed and declared between the parties hereto that in case any question of dispute arises touching the construction or wording of any of clause herein contained the rights, duties, liabilities of the parties hereto or any other way, touching or arising out of the presents the decision of the Managing Director, JKMSCL in the matter shall be final and binding.

11. All disputes arising out of this agreement and all questions relating to the interpretation of this agreement shall be decided by first and the final appellant authority and decision of said authority shall be final.

12. All terms and conditions of the NIT shall be the part of this agreement.

Authorized Agent/ Dealer
(Third Party)
(Signature, Name & full Address with stamp)
Witness (Signature, Name & Address)
1.

2.

Original Manufacturer/ Direct Importer
(Supplier) (Second Party)
(Signature, Name & full Address with stamp
Witness (Signature, Name & Address
1.

2.

Jammu and Kashmir Medical Supplies Corporation Ltd. (First Party)
Represented by
General Manager (Adm)/ JKMSCL (Signature, Name
& full Address with Stamp)
Witness (Signature, Name & Address)
1.

FORMAT-AUTHORIZED REPRESENTATIVES/AGENTS OF ORIGINAL MANUFACTURER/DIRECT IMPORTER

To

_____

_____

Dear Sir,

We _____ who are established and reputed manufacturers of _____ having factories at _____
Registered office at _____
possessing manufacturing license No. _____
and do hereby authorize M/S _____
(Name and Address of Representative) to submit a bid and subsequently negotiate with you against the above mentioned tender, subject to the condition that I/we, the original manufacturer/direct Importer of the bidding items and our authorized representative/Agent M/S _____
are ready to execute Tripartite agreement with the Corporation i.e JKMSCL stating inter-alia that :

1. The invoice submitted by the distributor for such supplies shall be endorsed by me /us i.e. the original Manufacturer/Direct Importer of bidding items and original copy of the delivery challan of Manufacturer's towards distributor for such supplies shall also be endorsed along with invoice submitted by our Authorized Representative.
2. JKMSCL, may secure an e-mail /alternative confirmation for authenticity of such supplies from Manufacturer/Direct Importer, before releasing the payment, which we are committed to provide.
3. The payment shall however be released on the terms and conditions of tripartite agreement to be signed between JKMSCL, Original Manufacturer / Direct Importer and the authorized representative of Original Manufacturer / Direct Importer of the bidding items for such supplies made by the authorized representative, on behalf of me / us.

No company or firm or individual other that M/S _____
are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.

I / we, further agree to comply with the conditions specified under Clause2(a) –Eligibility Conditions, of the tender document.

We hereby extend our full guarantee and warranty as per the tender conditions for the goods offered for supply against this invitation for bid by the above Firm.

Yours faithfully

Name

For and on behalf of M/S

(Name of the manufacturer/Direct Importer)

Note: This letter of authority should be on the letter head of the manufacturing concern and should be signed and sealed by the Proprietor/ Managing Director of the firm / authorized signatory and shall have to be duly pledged before First Class Judicial Magistrate.

Annexure AIII

(On bank's letter head)

FORM OF BANK GURANTEE

To

Managing Director,
Jammu and Kashmir Medical Supplies Corporation ltd.
Jammu.

Whereas the Managing Director, Jammu and Kashmir Medical Supplies Corporation ltd. (hereinafter called the "procuring entity/JKMSCL") having entered into an agreement No. ..... dated..... with M/s ..... (hereinafter called the" approved supplier") for..... (Name of item) here-in-after called "the said agreement" under which the Supplier(s) M/s ..... have applied to furnish Bank guarantee (B.G) to make up the full performance security.

1. In consideration of the JKMSCL having made such a stipulation in agreement. We.....) Indicate the name of the bank) here-in-after referred to as "the Bank" at the request of M/s.....supplier(s) do hereby undertake to pay to the JKMSCL amount not exceeding Rs. ..... (Rupees..... only) on demand of JKMSCL.
2. We..... (indicate the name of bank), do hereby undertake to pay Rs……. Any demur or delay, merely on a demand from the JKMSCL any such demand made on the bank by the JKMSCL shall be conclusive and payable by the bank under this guarantee. The bank guarantee shall be completely at the disposal of the JKMSCL and we..... (indicate the name of bank), bound ourselves with all directions given by JKMSCL regarding this bank guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ..... (Rupees..... only).
3. We..... (Indicate the name of Bank), undertake to pay to the JKMSCL any money. So demanded notwithstanding any dispute or disputes raised by the Supplier(s) in any suit or proceeding pending before any Court of Tribunal or Arbitrator etc. relating thereto, our liability under these presents being absolute, unequivocal and unconditional.
4. We..... (indicate the name of Bank), further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of said agreement and that it shall continue to be enforceable till all the dues of the JKMSCL under or by virtue of the said agreement and that it shall continue to be enforceable till all the dues of the JKMSCL under or by virtue of the said agreement have fully paid and its claims satisfied or discharged or till the Government certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said supplier and accordingly discharges this guarantee.
5. We..... (indicate the name of bank), further agree with the JKMSCL that the JKMSCL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time to performance by the said Supplier(s) from time to time or to postpone for any time or from to time any of the powers exercisable by the JKMSCL against the said supplier forbear or enforce any of the terms and conditions relating to the said Agreement and forbear or enforce any of the terms and condition relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said supplier(s) or for any forbearance act or omission on the part of the JKMSCL or any indulgence by the JKMSCL to the said Supplied(s) or by any such matter or thing whatsoever which would but for this provision, have effect of so relieving us.
6. The liability of us..... (indicate the name of Bank), under this guarantee will not be discharged due to the change in the constitution of the bank or the supplier.

7. We..... (indicate the name of bank), lastly undertake not to revoke this guarantee except with the previous consent of the JKMSCL in writing.
8. This performance guarantee shall remain valid and in full effect, until it is decided to be discharged by the JKMSCL. Notwithstanding anything mentioned above. Our liability against this guarantee is restricted to Rs..... (Rupees..... only).
9. It shall not be necessary for the JKMSCL to proceed against the supplier before proceeding against the bank and the guarantee herein contained shall be enforceable against the bank notwithstanding any security which the JKMSCL may have obtained or obtain from the Supplier.
10. The bank guarantee shall be payable at the Jammu. If the last date of expiry of the bank guarantee happens to be a holiday of the bank, the bank guarantee shall expiry on the close of the next working day.

    Notwithstanding anything contained hereinabove, our liability under this guarantee is restricted Rs. ...../- (Rupees .....) and our guarantee shall remain in force up to date ..... unless a demand or claim under the guarantee is made on us in writing or by e-mailing on or before date ..... therefore, after date ..... all your rights under the guarantee shall be forfeited and we shall be relived and discharged from all liabilities hereunder irrespective of whether or not the original guarantee is returned to us.

Dated..... day of ..... for and on behalf of the bank (indicate the bank).

Signature & Designation

E-mail address.....

The above bank guarantee is accepted by the Managing Director, Jammu and Kashmir Medical Supplies Corporation Ltd.

Signature

For & on behalf of M.D JKMSCL

FORMAT FOR REGISTRATION OF MANUFACTURERS / SSI Unit.

1. **Name of the Firm**_____

   (In case of authorized representative/agent/dealers; Please mention the name of the authorizing firm also with details indicating the authority to authorize the representatives/ agent/ dealers etc.)

2. **Address**_____

3. a) **Contact No. L. Line**____**Mob**_____b) **email ID**_____

4. **Group Registration**_____

5. **Registration No:-**

   a) With Department of Industries & Commerce

   (SSI Units of J&K Only) _____

   b) With Sales Tax Department _____

   c) With Excise Department (GOI) _____

   d) Any other _____

6. **Registration fee (in the form of Demand Draft drawn on any scheduled/ Nationalized Bank in favour of J&K Medical Supplies Corporation Limited payable at Jammu/Srinagar.**

   D.D. No_____**Bank Drawn From**_____

   IFSC Code_____**Date of Drawal**_____**Valid upto**_____

Check List For Manufacturers/ SSI Units:

a. Non Conviction certificate.
b. Sales tax registration VAT/CST, copy of Tin No.
c. Latest Sales tax clearance certificate
d. Copy of Product permission certificate/ license issued by licensing authority.
e. Copy of PAN card supported by latest income tax clearance certificate.
f. Quality certification(s) of the manufacturer like ISO / ISI /OEM/ European CE/ USFDA, etc.
g. EM-II Certificate for each quoted product from NSIC/MSME/Industries department.
h. BIS License with schedule for ISI marked products.
i. Excise registration, if applicable
j. Product permission manufacturing certificate/license.
k. Market standing certificate issued by Licensing authority.
l. Non-blacklisting declaration.
m. Registration format (duly filled)

NOTE: Format shall have to be annexed along with written request on Letter Head duly signed and sealed by the Proprietor/Managing Director/Chairman/Authorized signatory of the firm/bidder. In case of authorized signatory, letter of authorization shall have to be enclosed, indicating Name, Address, Mobile No. Photograph and Signatures duly attested by Proprietor/Managing Director/Chairman of the firm/bidder.

FORMAT FOR REGISTRATION OF DEALERS / IMPORTER.

1. **Name of the Firm**_____

   (In case of authorized representative/agent/dealers; Please mention the name of the authorizing firm also with details indicating the authority to authorize the representatives/ agent/ dealers etc.)

2. **Address**_____

3. a) **Contact No. L. Line**____**Mob**_____b) **email ID**_____

4. **Group Registration**_____

5. **Registration No:-**

   a) With Department of Industries & Commerce

      (SSI Units of J&K Only) _____

   b) With Sales Tax Department _____

   c) With Excise Department (GOI) _____

   d) Any other _____

6. **Registration fee (in the form of Demand Draft drawn on any scheduled/ Nationalized Bank in favour of J&K Medical Supplies Corporation Limited payable at Jammu/Srinagar.**

   D.D. No_____**Bank Drawn From**_____

   IFSC Code_____**Date of Drawal**_____**Valid upto**_____

   NOTE: Format shall have to be annexed along with written request on Letter Head duly signed and sealed by the Proprietor/Managing Director/Chairman/Authorized signatory of the firm/bidder. In case of authorized signatory, letter of authorization shall have to be enclosed, indicating Name, Address, Mobile No. Photograph and Signatures duly attested by Proprietor/Managing Director/Chairman of the firm/bidder.

Checklist for Dealers / Importer:

a. Copy of PAN Card.
b. Copy of TIN No.
c. Non Conviction certificate of dealer / importer.

d. Authorization letter from manufacturers/direct importer.
e. Non-Conviction certificate of manufacturer.
f. Permission / authorization for sale from the foreign principal / manufacturer (if applicable).
g. IEC Certificate and permission/authorization or sale from the foreign manufacturer, if applicable.
h. Registration format (duly filled).

Sig. of Authorized Signatory of firm/ Bidder along with Seal.

Certified that the information(s) furnished above is/are correct and noting has been concealed to best of my knowledge. I/we shall be held personally responsible for any wrong information(s).

Important Note:

1. **All the copies should be notarized.**
2. **The dealer/importer shall have to submit the documents/details of manufacturer as mentioned above in addition to his own particulars/documents.**
3. **The documents submitted at the time of registration need not to be uploaded in the technical bid. The documents submitted at the time of registration shall be considered for technical evaluation. However, where the validity of the documents is expired at the time of uploading of tender, the firm shall upload the latest documents in the technical bid. The information of such documents shall immediately be informed to the registration section of JKMSCL for updation of records.**
4. **The related information for registration of firms may be asked from the Registration Section, JKMSCL.**

Annexure AV

UNDERTAKING ON THE LETTER HEAD OF THE BIDDER

UNDERTAKING – IN ACCEPTANCE TO THE TENDER DOCUMENT

Managing Director,
Jammu & Medical Supplies Corporation Ltd.

Subject: Acceptance of terms & conditions of Tender Document.

Sir,

1. I/We hereby agree to abide all terms and conditions laid down in tender document.
2. We will be responsible for guarantee of two years on the quoted products pertaining to Instruments/Equipments.
3. This is to certify that/we have read and fully understood all the terms and conditions and instructions contained therein and undertake myself/over selves abide by the said terms and conditions and sign this undertaking as letter of acceptance of all the tender document.

(Signature of the bidder)
Name and address of the bidder
With photograph

Note : The documents submitted at the time of registration of firm need not to be re-submitted. Only the documents, wherever the validity of the submitted documents has expired shall be uploaded with the technical bid.

S.No.	Item code	Name of the item (Description/Specification)	Qty
		PUNCTURE NEEDLES (ADULTS)	
1	CAR001	**PUNCTURE NEEDLE DEDICATED FOR RADIAL ARTERY ACCESS IN ADULTS**	Each
		▪ 20-22 G	
		▪ 3-5 cm long	
		▪ Should be compatible with 0.025 inch guide wire	
		▪ Should be supplied individually packed	
		▪ Needle should have protected plastic tube covering	
2	CAR002	**MICROPUNCTURE NEEDLE FOR VASCUALAR ACCESS IN ADULTS**	Each
		▪ 20-22 G	
		▪ 6-7.5 cm long	
		▪ Should be compatible with 0.018 inch guide wire	
		▪ Should be supplied individually packed	
		▪ Needle should have protected plastic tube covering	
3.	CAR003	**MICROPUNTURE INTRODUCER SET (NEEDLE, GUIDE WIRE AND COAXIAL INTRODUCER SHEATH) FOR VASCUALAR ACCESS IN ADULTS**	Each
		▪ 20-22 G, 6-7.5 cm long needle	
		▪ Should include 0.018 inch, 40-50 cm long guide wire	
		▪ Should include 4-5 Fr., 10-11 cm long coaxial introducer sheath compatible with 0.018 inch guide wire	
		▪ Should be supplied individually packed	
		▪ Needle should have protected plastic tube covering	
4.	CAR004	**MICROPUNCTURE NEEDLE FOR RADIAL ARTERY ACCESS IN ADULTS**	Each
		▪ 20-22 G	
		▪ 3-5 cm long	
		▪ Should be compatible with 0.021-0.025 inch guide wire	

		▪ Should be supplied individually packed	
		▪ Needle should have protected plastic tube covering	
5	CAR005	**MICROPUNTURE INTRODUCER SET (NEEDLE, GUIDE WIRE AND COAXIAL INTRODUCER SHEATH) FOR RADIAL ARTERY ACCESS IN ADULTS**	Each
		▪ 20-22 G,3-5 cm long needle	
		▪ Should include 0.021-0.025 inch, 40-50 cm long guide wire	
		▪ Should include 4-5 Fr., 10-11 cm long coaxial introducer sheath compatible with the guide wire	
		▪ Should be supplied individually packed	
		▪ Needle should have protected plastic tube covering	
		INTRODUCER SHEATHS (ADULTS)	
6	CAR006	**INTRODUCER SHEATH WITH PUNCTURE NEEDLE FOR ADULTS (Size 4-9 Fr) – Standard Length**	Each
		▪ Sizes 4-9 Fr	
		▪ 10-11 cm long	
		▪ Pack MUST include 18 G, 6-7.5 cm long puncture needle	
		▪ 0.035 or 0.038 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
7	CAR007	**INTRODUCER SHEATH FOR ADULTS (Size 10-11 Fr) – Standard Length**	Each
		▪ 10-11 Fr Sizes	
		▪ 10-11 cm long	
		▪ 0.035 or 0.038 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
8	CAR008	**INTRODUCER SHEATH FOR ADULTS (Size 12 Fr and higher) – Standard Length**	Each
		▪ 12-14 Fr Sizes 10-11 cm long	
		▪ 0.035 or 0.038 inch guide wire compatible	

		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
9	CAR009	**Long INTRODUCER SHEATH (Size 5-9 Fr) – 20-50 cm Long**	Each
		▪ Sizes 5-9 Fr	
		▪ Sheath should be between 20-50 cm long	
		▪ 0.035 or 0.038 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
10	CAR010	**Long INTRODUCER SHEATH (Size 10-11 Fr) – 20-50 cm Long**	Each
		▪ 10-11 Fr Sizes	
		▪ Sheath should be between 20-50 cm long	
		▪ 0.035 or 0.038 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
11	CAR011	**Long INTRODUCER SHEATH (Size 12 Fr and higher) – 20-50 cm Long**	Each
		▪ 12-14 Fr Sizes	
		▪ Sheath should be between 20-50 cm long	
		▪ 0.035 or 0.038 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	

12	CAR012	**Extra Long INTRODUCER SHEATH (Size 5-9 Fr) – >50 cm Long**	Each
		▪ 5-9 Fr Sizes	
		▪ More than 50 cm long	
		▪ 0.035 or 0.038 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
13	CAR013	**Extra Long INTRODUCER SHEATH (Size 10 Fr. – 11 Fr.) – >50 cm Long**	Each
		▪ 10-11 Fr Sizes	
		▪ More than 50 cm long	
		▪ 0.035 or 0.038 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
14	CAR014	**Extra Long INTRODUCER SHEATH (Size 12 Fr. and higher) – >50 cm Long**	Each
		▪ Sizes of 12-14 Fr and higher	
		▪ More than 50 cm long	
		▪ 0.035 or 0.038 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
		INTRODUCER SHEATH FOR RADIAL ACCESS	
15	CAR015	**INTRODUCER SHEATH DEDICATED FOR TRANSRADIAL ACCESS**	Each
		▪ Sizes 4-7 Fr	
		▪ Between 7-11 cm long	
		▪ 0.021-0.025 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	

		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
16	CAR016	**LONG INTRODUCER SHEATH DEDICATED FOR TRANSRADIAL ACCESS**	Each
		▪ Sizes 4-7 Fr	
		▪ Between 16-25 cm long	
		▪ 0.021-0.025 inch guide wire compatible	
		▪ With haemostatic valve to prevent back leak of blood and aspiration of air	
		▪ Integrated side arm with attached 3-way stopcock	
		▪ With suture eye for securing sheath	
		▪ Kink resistant	
		▪ With dilator-hub lock mechanism to prevent its back-out during insertion	
		▪ With smooth and resistance free insertion	
17	CAR017	**TRANSRADIAL INTRODUCER KIT (including)**	Each
		▪ 20-22 G, 3-5 cm long puncture needle	
		▪ 0.021-0.025 inch,40-50cm long introducer guide wire	
		▪ Introducer sheath sizes from 4-7 Fr	
		▪ Sheath length between 10-11cm	
18	CAR018	**LONG TRANSRADIAL INTRODUCER KIT (including)**	Each
		▪ 20-22 G puncture needle	
		▪ 0.021-0.025 inch,70-80cm introducer guide wire	
		▪ Introducer sheath sizes from 4-7 Fr	
		▪ Sheath length between 16-25cm	
19	CAR019	**SPECIAL TRANSRADIAL INTRODUCER KIT WITH PLASTIC/NON METALLIC INTRODUCER**	Each
		GUIDE WIRE (including)	
		▪ 20-22 G puncture needle	
		▪ 0.021-0.025 inch,40-80cm long non-metallic , hydrophilic introducer guide wire	
		▪ Introducer sheath sizes from 4-7 Fr	
		▪ Sheath length between 10-25cm	
		GUIDEWIRES (ADULTS)	
20	CAR020	**PTFE COATED DIAGNOSTIC GUIDE WIRE- REGULAR LENGTH, REGULAR STIFFNESS**	Each

		▪ Should be available in 0.025,0.032,0.035 and 0.038 inches size	
		▪ Should be between 145-180 cm long	
		▪ Should be available as straight & J shape tip	
		▪ Should be available in variable lengths of flexible/floppy end	
		▪ Should be available in variable J tip size	
		▪ Should be available in fixed as well as movable core	
21	CAR021	**PTFE COATED DIAGNOSTIC GUIDE WIRE- EXCHANGE LENGTH, REGULAR STIFFNESS**	Each
		▪ Should be available in 0.025,0.032,0.035 and 0.038 inches size	
		▪ Should be between 240-300 cm long	
		▪ Should be available as straight or J shape tip	
		▪ Should be available in fixed as well as movable core	
22	CAR022	**PTFE COATED DIAGNOSTIC GUIDE WIRE- REGULAR LENGTH, EXTRA-STIFF SHAFT STRENGTH-AMPLATZ TYPE**	Each
		▪ Should be available in 0.035 inches size and higher	
		▪ Should be between 145-180 cm long	
		▪ Should be available as straight & J shape tip	
23	CAR023	**PTFE COATED DIAGNOSTIC GUIDE WIRE- EXCHANGE LENGTH, EXTRA-STIFF SHAFT STRENGTH-AMPLATZ TYPE**	Each
		▪ Should be available in 0.035 inches size and higher	
		▪ Should be between 240-300 cm long	
		▪ Should be available as straight or J shape tip	
24	CAR024	**PTFE COATED DIAGNOSTIC GUIDE WIRE- REGULAR LENGTH, ULTRA-STIFF SHAFT**	Each
		STRENGTH-AMPLATZ SUPER STIFF TYPE	
		▪ Should be available in 0.032,0.035 and 0.038 inches size	
		▪ Should be between 145-180 cm long	
		▪ Should be available as straight or J shape tip	
		▪ Should have extra ordinary or exceptional shaft strength	
25	CAR025	**PTFE COATED DIAGNOSTIC GUIDE WIRE- EXCHANGE LENGTH, ULTRA-STIFF SHAFT STRENGTH-AMPLATZ SUPER STIFF TYPE**	Each
		▪ Should be available in 0.032,0.035 and 0.038 inches size	
		▪ Should be between 240-300 cm long	
		▪ Should have extra ordinary or exceptional shaft strength	
26	CAR026	**PTFE COATED DIAGNOSTIC 0.032 INCH GUIDE WIRE- EXCHANGE LENGTH, EXTRA-STIFF SHAFT STRENGTH-AMPLATZ TYPE**	Each
		▪ Should be available in 0.032 inches size	
		▪ Should be between 240-300 cm long	

		▪ Should be available as J shape tip	
		DIAGNOSTIC CATHETERS (ADULTS)	
27	CAR027	**PIGTAIL CATHETER – FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Must be FDA approved	
		▪ Should be available in various lengths	
28	CAR028	**ANGLED PIGTAIL CATHETER – FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Must be FDA approved	
		▪ Should be available in various lengths	
29	CAR029	**PIGTAIL CATHETER WITH MULTIPLE MARKERS – FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Must be FDA approved	
		▪ Should be available in various lengths	
		▪ Should have multiple equidistant radio-opaque markers	
30	CAR030	**JUDKINS DIAGNOSTIC CORONARY ANGIOGRAPHY CATHETER– FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Available as Left and Right Judkins catheters in various standard curves and lengths	
		▪ Must be FDA approved	
31	CAR031	**MULTIPURPOSE DIAGNOSTIC CORONARY ANGIOGRAPHY CATHETER– FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Multipurpose catheter in various standard curves and lengths	
		▪ Must be FDA approved	
32	CAR032	**AMPLATZ DIAGNOSTIC CORONARY ANGIOGRAPHY CATHETER– FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Amplatz left (AL) and Amplatz Right(AR) catheters in various standard curves and lengths	
		▪ Must be FDA approved	
33	CAR033	**INTERNAL MAMMARY DIAGNOSTIC CORONARY ANGIOGRAPHY CATHETER– FDA APPROVED**	Each
		▪ Sizes 4-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	

34	CAR034	**BY-PASS GRAFT DIAGNOSTIC CORONARY ANGIOGRAPHY CATHETER– FDA APPROVED**	
		▪ Sizes 4-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	
35	CAR035	**PACK OF DIAGNOSTIC ANGIOGRAPHY CATHETER– FDA APPROVED**	Each
		▪ Pack should include three angiography catheters: one left Judkins coronary catheter, one right Judkins coronary catheter and one Pigtail catheter	
		▪ Sizes 4-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	
36	CAR036	**SPECIAL DIAGNOSTIC CORONARY ANGIOGRAPHY PACK WITH INTRODUCER SHEATH – FDA APPROVED**	
		▪ Pack should include one left Judkins coronary catheter, one right Judkins coronary catheter and one Pigtail angiography catheter, one introducer sheath and one PTFE coated angiography guide- wire	
		▪ Sizes 4-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	
		DIAGNOSTIC CATHETERS (ADULTS)- SPECIAL & TRANS-RADIAL USE CATHETERS	
37	CAR037	**SPECIAL DIAGNOSTIC CORONARY ANGIOGRAPHY CATHETER- (OTHER THAN JUDKINS, MULTIPURPOSE, AMPLATZ, INTERNAL MAMMARY, BY PASS GRAFT CATHETERS) – FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	
38	CAR038	**TRANSRADIAL DIAGNOSTIC CORONARY ANGIOGRAPHY CATHETER– FDA APPROVED**	Each
		▪ Sizes 4-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	
39	CAR039	**COURNARD CATHER –FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	
40	CAR040	**GOODALE-LUBIN CATHETER –FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	

41	CAR041	**PICARD CATHETER –FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	
42	CAR042	**COBRA CATHETER –FDA APPROVED**	Each
		▪ Sizes 6-7 Fr	
		▪ Must be available in various standard curves and lengths	
		▪ Must be FDA approved	
43	CAR043	**THERMO DILUTION CATHETER**	Each
		▪ Should be compatible with the available system in CCU & cath lab	
44	CAR044	**SPECIAL THERMODILUTION CATHETER WITH FACILITY OF CONTINOUS CARDAIC OUTPUR MONITORING**	Each
		▪ Should be compatible with the available system in CCU & cath lab	
45		**MISCELANEOUS ITEMS (ADULTS)**	
46	**CAR046**	**PERICARDIO CENTESIS KIT**	Each
		▪ Should Include a puncture needle, guide wire, introducer sheath , pig-tail catherer and a drainage bag pre packed in a single tray	
47	CAR047	**IN-SITU WIRE CONVERTER**	Each
		▪ Converts 0.014 inch guide wire into 0.035 inch delivery device in-situ	
		▪ Uses piggy back mechanism	
48	CAR048	**INFUSION GUIDEWIRE**	Each
		▪ Guide wire should be 0.035 inches or more	
		▪ Should have multiple holes for infusion of drugs/agents	
49	CAR049	**CATHETER FOR MEASURING SIMULATANEOUS PRESSURE AT TWO SITES**	Each
		▪ Should allow proximal and distal pressure measurement simultaneously	
		▪ Distal port should have facility for contrast injection	
50	CAR050	**MARKER CATHETER**	Each
		▪ Should have multiple markers for measuring length	
		▪ Should be end hole	
		▪ May have side holes for contrast injection	
51	CAR051	**MARKER TAPE FOR USE IN CATH LAB**	Each
		PTCA ACCESSORIES	

52	CAR052	**PTCA INFLATION DEVICE-PORTABLE DIGITAL DISPLAY**	Each
		▪ Efficient locking system to maintain high pressure	
		▪ Rapid inflation and deflation	
		▪ Clear barrel for easy visualization of de-bubbling	
		▪ Easy to read backlit digital display of pressure (up to 30 atm)	
		▪ Digital display gauge mounted on the inflation device	
		▪ Ergonomic and user friendly hand held design	
53	CAR053	**PTCA INFLATION DEVICE-CENTRAL MONITOR DIGITAL DISPLAY**	Each
		▪ Efficient locking system to maintain high pressure	
		▪ Rapid inflation and deflation	
		▪ Clear barrel for easy visualization of de-bubbling	
		▪ Enhanced central monitor digital display of pressure with graphing capability	
		▪ Ergonomic and user friendly hand held design	
54	CAR054	**Y CONNECTOR WITH EXTENSION TUBING (HAEMOSTATIC Y-CONNECTOR WITH EXTENSION TUBING) FOR PTCA-ROTATING MECHANISM**	Each
		▪ Should accept catheters up to 9 Fr. Size (0.014 to 0.0118 inch)	
		▪ Should have at least 12 inch long, large lumen high pressure extension tubing	
		▪ Should have an attached 3-way connector to the extension tubing	
		▪ Large thumb wheel for easy manoeuvrability	
		▪ Luer connector at the gulding catheter end	
		▪ Rotating adapter at the gulding catheter end	
55	CAR055	**Y CONNECTOR WITH EXTENSION TUBING (HAEMOSTATIC Y-CONNECTOR WITH EXTENSION TUBING) FOR PTCA-PUSH MECHANISM**	Each
		▪ Should accept catheters up to 9 Fr. Size (0.014 to 0.0118 inch)	
▪	▪	▪ Should have at least 12 inch long, large lumen high pressure extension tubing	
▪	▪	▪ Should have an attached 3-way connector to the extension tubing	
▪	▪	▪ Large thumb wheel for easy maneuverability	
▪	▪	▪ Luer connector at the gulding catheter end	
▪	▪	▪ Rotating adapter at the gulding catheter end	
56	CAR056	**HAEMOSTATIC DOUBLE Y-CONNECTOR FOR BIFURCATION PTCA**	Each
▪	▪	▪ Two seperate ports for insertion of interventional devices	
▪	▪	▪ Luer connector at the gulding catheter end	
▪	▪	▪ Rotating adapter at the gulding catheter end	

57	CAR057	**LARGE BORE HAEMOSTATIC Y-CONNECTOR**	Each
▪	▪	▪ Should accept catheters up to 13 Fr. Size	
▪	▪	▪ Large thumb wheel for easy maneuverability	
▪	▪	▪ Luer connector at the gulding catheter end	
▪	▪	▪ Rotating adapter at the gulding catheter end	
58	CAR058	**VERY LARGE BORE HAEMOSTATIC Y-CONNECTOR**	Each
▪	▪	▪ Should accept catheters up to 18 Fr. Size	
▪	▪	▪ Large thumb wheel for easy maneuverability	
▪	▪	▪ Luer connector at the gulding catheter end	
▪	▪	▪ Rotating adapter at the gulding catheter end	
		PTCA ACCESSORIES	
59	CAR059	**PTCA GUIDE WIRE ACCESORY KIT CONTAINING**	Each
▪	▪	▪ One Haemostatic y connector	
▪	▪	▪ once ptca guide wire torquer	
▪	▪	▪ once ptca guide wire insertion needle	
60	CAR060	**PTCA INFLATION DEVICE WITH ACCESORY KIT CONTAINING**	Each
▪	▪	▪ one ptca inflation device	
▪	▪	▪ one haemostatic Y connector	
▪	▪	▪ once ptca guide wire torquer	
▪	▪	▪ once ptca guide wire insertion needle	
61	CAR061	**DISPOSABLE PALSTIC STERILE CONTROL SYRINGE FOR ANGIGRAPHY AND PTCA**	
▪	▪	▪ Clear , glass-like plastic syringe	
▪	▪	▪ Markings up yo 10-12 ml	
▪	▪	▪ Single hand palm & finger assisted maneuverability	
▪	▪	▪ Plunger should have resistance free movement	
▪	▪	▪ Should have a stopper with 0.5 ml reserve	
▪	▪	▪ Should ne individually packed	
62	CAR062	**DISPOSABLE PALSTIC STERILE LUER LOCK SYRINGE FOR ANGIGRAPHY AND PTCA**	Each
▪	▪	▪ Clear, glass-like medical grade plastic syringe made up of three parts: barrel, plunger and latex piston	
▪	▪	▪ Markings up yo 10-12 ml	
▪	▪	▪ Plunger should have resistance free movement	
▪	▪	▪ Should have luer lock mechanism for attachment	
▪	▪	▪ Should ne individually packed	
63	CAR063	**MANIFOLD WITH TWO SIDE PORTS FOR ANGIGRAPHY AND PTCA**	Each

▪	▪	▪ Large bore /I.D (at least 0.093 inch) for easy flow of contrast	
▪	▪	▪ Smooth resistance free uni-direction handle/knob	
▪	▪	▪ Should have clear body for controlled debubbling	
▪	▪	▪ Should be available in both block and half -body styles	
▪	▪	▪ Should take pressure up to 500 psi	
64	CAR064	**MANIFOLD WITH THREE SIDE PORTS FOR PTCA**	Each
▪	▪	▪ Large bore /I.D (at least 0.093 inch) for easy flow of contrast	
▪	▪	▪ Smooth resistance free uni-direction handle/knob	
▪	▪	▪ Should have clear body for controlled debubbling	
▪	▪	▪ Should be available in both block and half -body styles	
▪	▪	▪ Should take pressure up to 500 psi	
65	CAR065	**CONNECTOR TUBING (CONNECTING BETWEEN TOUHY BORST AND MANIFOLD)**	Each
▪	▪	▪ Should be between 25-50 cm	
▪	▪	▪ Should have large I.D for easy flow of contrast	
▪	▪	▪ Should take high pressure	
▪	▪	▪ Should be flexible	
▪	▪	▪ Should have male and female hubs	
66	CAR066	**CONNECTOR TUBING (CONNECTING BETWEEN Y connector AND MANIFOLD) WITH ATTACHED THREE WAY STOP COCK**	Each
▪	▪	▪ Should be between 20-50 cm long	
▪	▪	▪ Should have large I.D for easy flow of contrast	
▪	▪	▪ Should take high pressure	
▪	▪	▪ Should be flexible	
▪	▪	▪ Should have attached three way stopcock at one end	
67	CAR067	**PTCA ACCESSORIES KIT: Should contain the following items**	Each
▪	▪	▪ Haemostatic Y-connector	
▪	▪	▪ One two/three side-port Manifold	
▪	▪	▪ Once connector tubing for connecting Manifold to Y connector	
▪	▪	▪ One Luer lock three piece disposable syringe having markings up to 10-12 ml for contrast injection	
▪	▪	▪ One PTCA guide wire insertion needle	
▪	▪	▪ One PTCA guide wire Torquer	
▪	▪	▪ One large bore contrast tubing (with flow regulating knob) for attachment between contrast bottle & manifold side port	
▪	▪	▪ One three way stop cock	
68	CAR068	**PTCA ACCESSORIES COMBO PACK: Should contain the following items**	Each
▪	▪	▪ One PTCA inflation deivce	
▪	▪	▪ Haemostatic Y-connector	
▪	▪	▪ One two/three side-port Manifold	

▪	▪	▪ Once connector tubing for connecting Manifold to Y connector	
▪	▪	▪ One Luer lock three piece disposable syringe having markings up to 10-12 ml for contrast injection	
▪	▪	▪ One PTCA guide wire insertion needle	
▪	▪	▪ One PTCA guide wire Torquer	
▪	▪	▪ One large bore contrast tubing (with flow regulating knob) for attachment between contrast bottle & manifold side port	
▪	▪	▪ One three way stop cock	
		GUIDING CATHETERS FOR PTCA	
69	CAR069	**LARGE LUMEN PTCA GUIDING CATHETERS OF 6-8 FRENCH SIZES – FDA APPROVED**	Each
▪	▪	▪ Must have 6Fr.-8Fr. Guiding catheters with	
		▪ 6Fr. Catheter must have I.D of 0.070 inch or more	
		▪ 7Fr. Catheter must have I.D of 0.080 inch or more	
		▪ 8Fr. Catheter must have I.D of 0.090 inch or more	
▪	▪	▪ Failure to comply with the specifications in any of the sizes (6Fr, 7Fr, 8Fr,) will lead to rejection as a whole from this item	
▪	▪	▪ Must have all possible shapes including catheters: Judkins/Femoral-left and right, Extra back up support, Amplatz-left and right, Voda, Multipurpose, Hockey stick, Bypass-graft, LIMA interventions and others.	
▪	▪	▪ Should also have availability of smaller length catheters (90 cm or less)	
▪	▪	▪ Should also have availability of catheters with side holes	
▪	▪	▪ Should also have soft short tip catheters	
▪	▪	▪ Must be FDA approved	
70	CAR070	**LARGE LUMEN PTCA GUIDING CATHETERS OF 6-8 FRENCH SIZES – FDA APPROVED**	Each
▪	▪	▪ Must have I.D of 0.058 inch or more	
▪	▪	▪ Should have all possible shapes including catheters: Judkins/Femoral-left and right, Extra back up support, Amplatz-left and right, Voda, Multipurpose, Hockey stick, Bypass-graft, LIMA interventions and others.	
▪	▪	▪ Should also have availability of smaller length catheters (90 cm or less)	
▪	▪	▪ Should also have availability of catheters with side holes	
▪	▪	▪ Should also have soft short tip catheters	
▪	▪	▪ Must be FDA approved	
71	CAR071	**PTCA GUIDING CATHETER DEDICATED FOR TRANSRADIAL INTERVENTIONS-FAD APPROVED**	Each
▪	▪	▪ Sizes of 5Fr, 6Fr and 7 Fr	
▪	▪	▪ Should have all possible shapes and variation for transradial interventions	
▪	▪	▪ Should also have availability of smaller length catheters (90 cm or less)	
▪	▪	▪ Should also have availability of catheters with side holes	
▪	▪	▪ Should also have soft short tip catheters	
▪	▪	▪ Must be FDA approved	

72	CAR072	**SPECIAL SHEATHLESS PTCA GUIDING CATHETER DEDICATED FOR TRANSRADIAL INTERVENTIONS – FDA APPROVED**	Each
▪	▪	▪ Sizes of 5Fr, 6Fr and 7 Fr	
▪	▪	▪ Should have all possible shapes and variation for transradial interventions	
▪	▪	▪ Should also have availability of smaller length catheters (90 cm or less)	
▪	▪	▪ Should also have availability of catheters with side holes	
▪	▪	▪ Should also have soft short tip catheters	
▪	▪	▪ Must be FDA approved	
73	CAR073	4 Fr GUIDE CATHETER FOR PTCA IN VARIOUS SHAPES	Each
74	CAR074	PTCA GUIDING CATHETER FOR DIRECTIONAL CORONARY ATHERECTOMY	Each
		PTCA GUIDEWIRES	
75	CAR075	**PTCA GUIDE WIRE- REGULAR SHAFT SUPPORT AND FLOPPY TIP**	Each
		▪ Should be available in both routine and exchange lengths	
76	CAR076	**PTCA GUIDE WIRE- EXTRA- SUPPORT AND FLOPPY TIP**	Each
		▪ Should be available in both routine and exchange lengths	
77	CAR077	**POLYMER COATED PTCA GUIDE WIRE WITH DISTAL SPRING COIL**	Each
		▪ Should have hydrophilic polymer coating	
78	CAR078	**POLYMER COATED PTCA GUIDE WIRE WITHOUT DISTAL SPRING COIL**	Each
		▪ Should have hydrophilic polymer coating	
79	CAR079	**SPECIAL POLYMER COATED PTCA GUIDE WIRE WITH DISTAL SPRING COIL HAVING**	Each
		▪ Hydrophilic polymer coating	
		▪ Non-tapering distal tip	
		▪ "Slip Coat" coating over the distal spring coil	
80	CAR080	**SPECIAL POLYMER COATED <u>TAPERING</u> PTCA GUIDE WIRE WITH DISTAL SPRING COIL HAVING**	Each
		▪ Hydrophilic polymer coating	
		▪ Non-tapering distal tip to 0.009 inch	
		▪ "Slip Coat" coating over the distal spring coil	
81	CAR081	**SPECIAL PTCA GUIDE WIRE HAVING FUSED STAINLESS STEEL AND NITINOL CORES**	Each
		▪ Should have elastic nitinol (distal) core and stainless steel (shaft) core	
		▪ Wire cores fused using "Duo-Core" technology	
		▪ Should have a "M Coat" distal hydrophilic coating	
		▪ Should be available in both routine and exchange lengths	
82	CAR082	**SPECIAL PTCA GUIDE WIRES WITH NON-KINKABLE <u>ELASTINITE NITINOL CORE</u>**	Each
		▪ Should have floppy tip	
		▪ Should have Elasinite-Nitinol core	
		▪ Both regular & exchange length wires	
		▪ Should have wires with varying degree of shaft support	

83	**CAR083**	**SPECIAL PTCA GUIDE WIRES WITH FLOPPY TIP HAVING DURASTEEL CORE**	Each
84	**CAR084**	**SPECIAL PTCA GUIDE WIRES WITH TIP MADE UP OF MULTIPLE STIFF AND FELXIBLE COMPONENTS**	Each
		▪ Tip should have Slip-Coat hydrophilic coating	
85	CAR085	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic Nitinol wire with soft tip load of 0.7 gm and shaping ribbon design	
86	CAR086	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic Nitinol wire with intermediate polymer sleeve and soft tip load of 0.6gm and shaping ribbon design	
87	CAR087	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic Nitinol wire with intermediate polymer sleeve and soft tip load of 0.6gm and shaping ribbon design	
88	CAR088	**PTCA GUIDE WIRES**	Each
		▪ Hybrid coated Nitinol wire with soft tip load of 0.8gm and core to tip design with transitionless grind from core to tip	
89	CAR089	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic fully polymer covered wire with transitionless grind from core to tip with tipload of 1.5gm	
90	CAR090	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic fully polymer covered wire with transitionless grind from core to tip with tipload of 2.7gm	
91	CAR091	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic fully polymer covered wire with transitionless grind from core to tip with tipload of 4.1gm	
92	CAR092	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic stainless steel CTO guidewire with tapered tip of 0.010" 3cm radiopaque tip load of 1.7gm	
93	CAR093	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic stainless steel CTO guidewire with tapered tip of 0.010" 3cm radiopaque tip load of 4.7gm	
94	CAR094	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic stainless steel CTO guidewire with tapered tip of 0.010" 3cm radiopaque tip load of 6.2gm	
95	CAR095	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic stainless steel CTO guidewire with tapered tip of 0.010" 3cm radiopaque tip load of 8.7gm	
96	CAR096	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic fully polymer covered wire with transitionless grind from core to tip and lowest support with tip load of 0.8gm	
97	CAR097	**PTCA GUIDE WIRES**	Each

		▪ Hydrophilic fully polymer covered wire with transitionless grind from core to tip and lowest support with tip load of 1.0gm	
98	CAR098	**PTCA GUIDE WIRES**	Each
		▪ Hydrophilic fully polymer covered wire with transitionless grind from core to tip and lowest support with tip load of 1.2gm	
99	CAR099	**PTCA GUIDE WIRES**	Each
		▪ For CTO with Durasteel core material and intermediate polymer cover with Hydrophilic coating and exposed tip coil with core to tip design 0.012" tip diameter 4.8gm tipload	
100	CAR100	**PTCA GUIDE WIRES**	Each
		▪ For CTO with Durasteel core material and intermediate polymer cover with Hydrophilic coating and exposed tip coil with core to tip design 0.012" tip diameter 9.7gm tipload	
101	CAR101	**PTCA GUIDE WIRES**	Each
		▪ For CTO with Durasteel core material and intermediate polymer cover with Hydrophilic coating and exposed tip coil with core to tip design 0.012" tip diameter 13.9gm tipload	
102	CAR102	**PTCA GUIDE WIRES**	Each
		▪ For CTO with Durasteel core material and intermediate polymer cover with Hydrophilic coating and exposed tip coil with core to tip design 0.0105" tip diameter 12.5gm tipload, Tapered tip	
103	CAR103	**PTCA GUIDE WIRES**	Each
		▪ For CTO with Durasteel core material and intermediate polymer cover with Hydrophilic coating and exposed tip coil with core to tip design 0.0105" tip diameter 13gm tipload, Tapered tip	
104	CAR104	**PTCA GUIDE WIRES**	Each
		▪ Hydrophobic stainless steel Non tapered intermediate polymer guidewire with core to tip design having tip load of 0.7gm	
		PTCA GUIDEWIRES	
105	CAR105	**PTCA GUIDE WIRES (NON-TAPERING) DEDICATED FOR CHRONIC TOTAL OCCLUSION (CTO)**	Each
		▪ Should not have any polymer coating	
		▪ Should be 0.014 inch diameter non-tapering distal tip	
106	CAR106	**PTCA GUIDE WIRES (TAPERING) DEDICATED FOR CTO**	Each
		▪ Should not have any polymer coating	
		▪ Should be 0.014 inch diameter tapering distal tip	
107	CAR107	**SPECIAL PTCA GUIDE WIRES (NON-TAPERING) FOR CTO WITH PLATINUM IRIDUM DISTAL SPRING COIL**	Each
		▪ Wires available in variable distal tip stiffness,	
		▪ The wire should be available in all tip stiffness (as measured in grams):3,4.5,6,9,12 gms	
		▪ Should have hydrophobic coating	

		▪ Should be of 0.014 inch diameter , non-tapering distal tip	
		▪ Should have jointless tip of stainless steel and platinum (jointless distal coil technology)	
		▪ Should not have any polymeric covering	
		▪ The distal radio-opaque portion of wire should be more than 10 cm	
108	CAR108	**PECIAL PTCA GUIDE WIRES (NON-TAPERING) FOR CTO WITH SUPER ELASTIC NITINOL ALLOY CORE**	Each
		▪ Should be of 0.014 inch diameter , non-tapering distal tip	
		▪ Should have polyurethane distal tip	
		▪ Should have "M-coat" for hydrophilic coating	
109	CAR109	**SPECIAL TAPERING (DISTAL TIP 0.011 inch) PTCA GUIDE WIRES DEDICATED FRO CTO**	Each
		▪ Should be of 0.014 inch diameter , distal tip tapering to 0.011 inch	
		▪ Should be available in variable distal tip stiffness	
		▪ Should not have any polymer coating	
110	CAR110	**SPECIAL TAPERING (DISTAL TIP 0.011 inch) PTCA GUIDE WIRES DEDICATED FRO CTO**	Each
		▪ Should be of 0.014 inch diameter , distal tip tapering to 0.011 inch	
		▪ Should have hydrocoat hydrophilic coating	
		▪ Should be available in variable distal tip stiffness	
111	CAR111	**SPECIAL TAPERING (DISTAL TIP 0.011 inch) PTCA GUIDE WIRES DEDICATED FRO CTO**	Each
		▪ Should be of 0.014 inch diameter , distal tip tapering to 0.009 inch	
		▪ Should have either hydrophobic or hybrid (hydrophilic with distal tip hydrophobic) coating	
		▪ Should be available in variable distal tip stiffness	
		▪ Should have jointless tip of stainless and platinum steel and platinum (jointless distal coil technology)	
		▪ The distal radio-opaque portion of wire should be more than 10 cm	
112	CAR112	**SPECIAL TAPERING (DISTAL TIP 0.008 inch) PTCA GUIDE WIRES DEDICATED FRO CTO**	Each
		▪ Should be of 0.014 inch diameter , distal tip tapering to 0.008 inch	
		▪ Should have hybrid coating (hydrophilic with distal tip hydrophobic)	
		▪ Should have jointless tip of stainless and platinum (jointless distal coil technology)	
		▪ The distal radio-opaque portion of wire should be more than 10 cm	
113	CAR113	**SPECIAL PTCA GUIDE WIRES DEDICATED FOR CTO HAVING COAXIAL SPRING DESIGN**	Each
		▪ Wires available in variable distal tip stiffness	
		▪ The wires should be available in all tip stiffness (as measured in grams):3,6,9,12,15 gms	
		▪ Should have either hydrophilic or silicone coating	
		▪ Should have co-axial spring design	
		▪ The distal radio-opaque portion of wire should be more than 10 cm	
114	CAR114	SPECIAL PTCA GUIDE WIRES FOR CTO HAVING DURASTEEL CORE	Each
		PTCA GUIDEWIRES	
115	CAR115	PTCA GUIDE WIRES DEDICATED FOR CTO HAVING TIP LOAD OF 1-2 GMS	Each

116	CAR116	PTCA GUIDE WIRES DEDICATED FOR CTO HAVING TIP LOAD OF 2-3 GMS	Each
117	CAR117	PTCA GUIDE WIRES DEDICATED FOR CTO HAVING TIP LOAD OF 3-6 GMS	Each
118	CAR1118	PTCA GUIDE WIRES DEDICATED FOR CTO HAVING TIP LOAD OF 6-9 GMS	Each
119	CAR119	PTCA GUIDE WIRES DEDICATED FOR CTO HAVING TIP LOAD OF MORE THAN 9 GMS	Each
120	CAR120	PTCA GUIDE WIRES WITH FLOPPY TIP AND EXTRA-SUPPORT SHAFT STRENGTH HAVING LATERAL SUPPORT OF 20-25 GMS AT 155MM	Each
121	CAR121	HEAVY DUTY PTCA GUIDE WIRES WITH FLOPPY TIP HAVING LATERAL SUPPORT OF 20-25 GMS AT 155MM	Each
122	CAR122	VERY HEAVY DUTY PTCA GUIDE WIRES WITH FLOPPY TIP HAVING LATERAL SUPPORT OF MORE THAN 50 GMS AT 155MM	Each
123	CAR123	PTCA GUIDE WIRES DEDICATED FOR CTO FOR RETROGRADE APPROACH	Each
124	CAR124	SPECIAL PTCA GUIDE WIRES FOR CTO DEDICATED FOR RETROGRADE APPROACH HAVING LONG (MORE THAN 12 CM), TAPERED (LESS THAN 0.010 INCHES) POLYMER TIP	Each
		PTCA GUIDEWIRES	
125	CAR125	SPECIAL PTCA GUIDE WIRES OF 0.010 INCHES SHAFT DIAMETER	Each
126	CAR126	SPECIAL PTCA GUIDE WIRE WITH FLOPPY TIP HAVING MULTIPLE MARKERS FOR MEASURING THE LENGTH OF STENOTIC SEGMENT	Each
127	CAR127	SPECIAL PTCA GUIDE WIRE WITH BIDIRECTIONAL DEFLECTABLE DISTAL TIP	Each
128	CAR128	EXTENSION (DOC) WIRE FOR APPROVED REGULAR LENGTH PTCA GUIDE WIRES	Each
129	CAR129	**PTCA GUIDE WIRE FOR DOCKING DEVICE**	Each
		▪ Should allow easy introduction of PTCA guide wire into catheters and atherectomy burrs	
		▪ Docking device should have features to secure firmly in the operative field	
		▪ Should have slits to hold the guide wire for single operator procedure	
130	CAR130	PTCA CATHETER WITH DEFLECTABLE DISTAL END TO GUIDE THE DIRECTION OF PTCA GUIDE WIRE	Each
131	CAR131	PENETRATION CATHETERS FOR CTO HAVING ROTATIONAL BLUNT PENETRATION	Each
132	CAR132	PENETRATION DEVICES FOR CTO USING BLUNT DISSECTION USING ACUATING JAWS	Each
133	CAR133	TAPERED CATHETER WITH THREADED DISTAL TIP FOR ENGAGING INTO CORONARY STENOSIS BY MAUAL ROTATION	Each
		PTCA BALLOONS	
134	CAR134	**PTCA BALLOON (SEMI-COMPLAINT)-FDA APPROVED**	Each
		▪ Monorail (rapid exchange) and over-the-wire (OTW) balloons	
		▪ Should be available in all sizes and lengths	
135	CAR135	**PTCA BALLOON (SEMI-COMPLAINT)-CE MARKED**	Each
		▪ Monorail (rapid exchange) and OTW balloons	
		▪ Should be available in all sizes and lengths	
136	CAR136	**PTCA BALLOON (SEMI-COMPLAINT)-APPROVED BY DCGI**	Each
		▪ Monorail (rapid exchange) and OTW balloons	
		▪ Should be available in all sizes and lengths	
137	CAR137	**PTCA BALLOON (NON-COMPLAINT)-FDA APPROVED**	Each
		▪ Should be available in all sizes , variable lengths	

		▪ Should have a very high rated burst pressure	
138	CAR138	**PTCA BALLOON (NON-COMPLAINT)- CE MARKED**	Each
		▪ Should be available in all sizes , variable lengths	
		▪ Should have a very high rated burst pressure	
139	CAR139	**PTCA BALLOON (NON-COMPLAINT)- APPROVED BY DCGI**	Each
		▪ Should be available in all sizes , variable lengths	
		▪ Should have a very high rated burst pressure	
140	CAR140	**SPECIAL PTCA BALLOON (NON-COMPLAINT)- FDA APPROVED HAVING**	Each
		▪ Should have a very high rated burst pressure (more than 30 mmHg)	
		▪ Should be available in all sizes , variable lengths	
141	CAR141	**SPECIAL PTCA BALLOON (STEADY COMPLAINT)- FDA APPROVED HAVING**	Each
		▪ Semi complaint at low pressure and non-complaint at high pressure	
142	CAR142	**SPECIAL PTCA BALLOON CATHETER WITH VERY LOW CROSSING PROFILE-FDA APPROVED**	Each
		▪ Mush have crossing balloon profile of 0≤0.021 inches	
143	CAR143	**SPECIAL PTCA BALLOON RETROGRADE APPROACH OF CTO**	Each
		▪ Should be available in both regular and long lengths for retrograde approach	
		▪ Should be available as over the wire (OTW)	
		▪ Available in all sizes and lengths	
		SPECIAL PTCA BALLOONS	
144	CAR144	**SPECIAL LARGE PTCA BALLOONS OF MORE THAN 4 MM**	Each
		▪ Should be available in variable balloon lengths	
145	CAR145	**SPECIAL PTCA BALLOON CATHETER OF 1.20-1.25 MM**	Each
		▪ Should be available in variable balloon lengths	
146	CAR146	**SPECIAL PTCA BALLOON CATHETER OF 1.10 MM**	Each
		▪ Should be available in variable balloon lengths	
147	CAR147	**SPECIAL PTCA BALLOON CATHETER OF 1.00 MM**	Each
		▪ Should be available in variable balloon lengths	
148	CAR148	**SPECIAL PTCA BALLOON CATHETER OF LESS THAN 1.00 MM**	Each
		▪ Should be available in variable balloon lengths	
149	CAR149	**SPECIAL ZERO LENGTH PTCA BALLOON CATHETER FOR FOCAL DILATATION**	Each
		▪ Should be available in variable balloon diameters	
150	CAR150	**OVER THE WIRE (OTW) COAXIAL PTCA BALLOON (SEMI-COMPLAINT)- FDA APPROVED**	Each
		▪ Should be available in all sizes and lengths	
151	CAR151	**SPECIAL OVER THE WIRE (OTW) PTCA BALLOON DEDICATED FOR SEPTAL ABLATION FOR HOCM**	Each
152	CAR152	**SPECIAL PTCA BALLOON FOR CROSSING CTO**	Each
		▪ Should be available in ≤1.25 MM diameter	
		▪ Should be ultrashort with balloon length ≤6 mm	
		▪ Should have low crossing profile with no balloon fold at distal end	

153	CAR153	**DEDICATED PTCA BIFURCATION BALLOON**	Each
		▪ Should have double rapid exchange design	
		▪ Single simultaneous inflation for both main vessel and side branch	
		▪ Should be compatible with 6Fr. Guiding catheter	
		SPECIAL PTCA BALLOONS AND CATHETERS	
154	**CAR154**	**SPECIAL PTCA BALLOON WITH BIFLEX TIP FOR COMPLEX PROCEDURES**	Each
155	CAR155	**SPECIAL PTCA BALLOON CATHETER FOR COMPLEX CORONARY INTERVENTIONS –FDA APPROVED**	Each
		▪ Should be available in both semi-compliant and non-compliant platforms	
		▪ Should have very low crossing profile so as to facilitate complex PTCA procedure	
156	CAR156	**SPECIAL PTCA BALLOON CATHETER FOR COMPLEX CORONARY INTERVENTIONS –CE MARKED**	Each
		▪ Should be available in both semi-compliant and non-compliant platforms	
		▪ Should have very low crossing profile so as to facilitate complex PTCA procedure	
157	CAR157	**SPECIAL PTCA BALLOON CATHETER FOR COMPLEX CORONARY INTERVENTIONS –APPROVED BY DCGI**	Each
		▪ Should be available in both semi-compliant and non-compliant platforms	
		▪ Should have very low crossing profile so as to facilitate complex PTCA procedure	
158	**CAR158**	**BALLOON COMPATIBLE WITH 5Fr. VASCULAR ACCESS**	Each
159	**CAR159**	**DUAL ACCESS CATHETER FOR PTCA**	Each
		▪ Should have lumen for rapid exchange as well as over the wire (OTW) in same device	
		▪ Should allow passage of additional wire, contrast or drugs from the OTW lumen while retaining the rapid exchange lumen in place	
160	CAR160	RE-ENTRY CATHETER FOR PTCA OF CHRONIC TOTAL OCCLUSION	Each
161	CAR161	CORONARY INFUCSION/DRUG DELIVERY CATHETER	Each
162	CAR162	CORONARY PROBING CATHETER	Each
163	CAR163	CORONARY PERFUSION CATHETER	Each
164	CAR164	CORONARY TRAPPER CATHETER	Each
165	CAR165	SCORING BALLOON CATHETER FOR PTCA	Each
166	CAR166	DUAL WIRE PTCA DILATATION CATHETER	Each
167	CAR167	**PTCA BALLOON (SEMI COMPLAINT)-US FDA APPROVED**	Each
		▪ PEBAX MULTILAYER CROSSFLEX WITH TUNGSTEN MARKERS WITH SLIM SEAL THECHNOLOGY HAVING DIMETRE 1.2-5.0MM X LENGTH 6-30MM	
168	CAR168	**PTCA BALLOON (SEMI COMPLAINT)-US CE APPROVED**	Each
		▪ PEBAX MULTILAYER CROSSFLEX WITH TUNGSTEN MARKERS WITH SLIM SEAL THECHNOLOGY HAVING DIMETRE 1.2-5.0MM X LENGTH 6-30MM	
169	CAR169	**PTCA BALLOON (NON COMPLAINT)-US FDA APPROVED**	Each
		▪ PEBAX MULTILAYER CROSSFLEX WITH TUNGSTEN MARKERS WITH SLIM SEAL THECHNOLOGY HAVING DIMETRE 1.5-5.0MM X LENGTH 6-30MM	
170	CAR170	**PTCA BALLOON (NON COMPLAINT)-CE APPROVED**	Each
		▪ PEBAX MULTILAYER CROSSFLEX WITH TUNGSTEN MARKERS WITH SLIM SEAL THECHNOLOGY HAVING DIMETRE 1.5-5.0MM X LENGTH 6-30MM	
171	CAR171	CORONARY PERFUCSION CATHETER	Each
172	CAR172	CORONARY TRAPPER CATHETER	Each
173	CAR173	SCORING BALLOON CATHETER FOR PTCA	Each
174	CAR174	DUAL WIRE PTCA DILATATION CATHETER	Each

		ABLATION CATHETERS FOR 3D MAPPING WITH ACCESSORIES	
175	CAR175	ABLATION CATHETERES COMPATABLE WITH EXISTING 3D MAPPING SYSTEM AT AIIMS, REGUALR, ALL CURVES	Each
176	CAR176	ABLATION CATHETERES COMPATABLE WITH EXISTING 3D MAPPING SYSTEM AT AIIMS, IRRIGATED TIP, ALL CURVES	Each
177	CAR177	LOCATION PATCH FOR COMPATABLE WITH EXISTING 3D MAPPING SYSTEM AT AIIMS	Each
178	CAR178	CONNECTING CABLES FOR ALL CATHETERS COMPATABLE WITH EXISTING 3D MAPPING SYSTEM ATAIIMS	Each
179	CAR179	ACCESS/TUBINGS FOR COOL FLOW PUMP AND ANY OTHER ACCESSORIES	Each
180	CAR180	SURFACE ELECTRODE KIT FOR NAVIGATION AND VISUALZATION OF EP CATHETERS FOR CREATING 3D ACTIVATION AND VOLTAGE MAP WITH ACCESSORIES	Each
181	CAR181	BALLOON CATHETER FOR RAPID CREATION OF 3D MAPS FOR COMPLEX AND NON SUSTAINED ARRHYTHMIA WITH ACCESSORIES	Each
182	CAR182	CATHETER AND ACCESSORIES FOR LOCA USA	Each
183	CAR183	CATHETERCOMPATABLE WITH EXISTING 3D MAPPING SYSTEM ATAIIMS WITH CONTACT FORCE MAPPING CAPABILITIES	Each
184	CAR184	CATHETERCOMPATABLE WITH EXISTING 3D MAPPING SYSTEM ATAIIMS WITH UNOFORM COOLING AT LESSER FLOW RATE	Each
		CUTTING BALLOON, ROTABALATION DEVICE AND ACCESSORIES	
185	CAR185	ATHERO-CATH DEVICES FOR DIRECTIONAL CORONARY ATHERECTOMY (DCA)	Each
186	CAR186	MOTOR FOR DCA	Each
187	CAR187	ROTALINK PLUS SYSTEM (PRE-CONNECTED ROTABLATION BURR ATTACHED TO ROTABLATION ADVANCER)	Each
188	CAR188	ROTALINK BURR FOR ROTATIONAL ATHERECTOMY	Each
189	CAR189	ROTALINK ADVANCER	Each
190	CAR190	ROTALINK GUIDEWIRE	Each
191	CAR191	ROTAGLIDE LUBRICANT FOR ROTATIONAL ATHERECTOMY	Each
		M ICROCATHETER, FFR WIRE AND IVUS CATHETER	
192	CAR192	CORONARY MICROCATHETER - FDA APPROVED	Each
193	CAR193	CORONARY MICROCATHETER — CE APPROVED	Each
194	CAR179	CORONARY MICROCATHETER - DCGI APPROVED	Each
195	CAR195	SPECIAL CORONARY MICRO-CATHETER DEDICATED FOR MICRO-CHANNEL DILATATION DURING CTO INTERVENTION	Each
196	CAR196	SPECIAL CORONARY MICRO-CATHETER WITH DEFLECTABLE DIATAL TIP	Each
197	CAR197	INTRACORONARY PRESSSURE WIRE (FFR) FOR PTCA - COMPATIBLE WITH THE AVAILABLE SYSTEM IN CATH LAB	Each
198	CAR198	INTRACORONARY DOPPLER WIRE FOR PTCA - COMPATIBLE WITH THE AVAILABLE SYSTEM IN CATH LAB	Each
199	CAR199	IVUS CATHETER FOR CORONARY INTERVENTIONS - COMPATIBLE WITH THE AVAILABLE MACHINE IN CATH AB	Each

200	CAR200	OCT CATHETER FOR CORONARY INTERVENTIONS - COMPATIBLE WITH THE AVAILABLE MACHINE IN ATH LAB	Each
		EMBOLIC PROTECTION AND THROMBOSUCTUION DEVICES	
201	CAR201	EMBOILC PROTECTION DEVICE (EPD) FOR PTCA: DISTAL BALLOON OCCLUSION WITH MOTORIZED FLUID INFUSION AND EXTRACTION TECHNIQUE	Each
202	CAR202	EMBOILC PROTECTION DEVICE(EPD) FOR PTCA:PROXIMAL BALLOON OCCUSION TECHNIQUE	Each
203	CAR203	EMBOILC PROTECTION DEVICE (EPD) FOR PICA: DISTAL BALLOON OCCLUSION TECHNIQUE	Each
204	CAR204	MANUAL THROMBOSUCTION CATHETER FOR PICA- FDA APPROVED	Each
205	CAR205	MANUAL THROMBOSUCTION CATHETER FOR PTCA - CE APPROVED	Each
206	CAR206	MANUAL THROMBOSUCTION CATHETER FOR PTCA - DCGI APPROVED	Each
207	CAR207	THROMBECTOMY CATHETER WITH MOTORIZED FRAGMENTATION/ CUTTING AND SUCTION	Each
208	CAR208	RHEOLYTIC TH ROMBECTO MY CATHETER	Each
		HEMOSTASIS DEVICES	
209	CAR209	ARTERIAL PUNCURE SEALING DEVICE USING EXTRAVASCULAR SEALENT OR COAGULANT	Each
210	CAR210	PHARMACOLOGICAL HEMOSTASIS- LIQUID BASED PROCOAGULANT SOLUTION	Each
211	CAR211	PHARMACOLOGICAL HEMOSTASIS- TOPICAL DRY PAD/BANDAGE BASED MECHANISM	Each
212	CAR212	FEMORAL COMPRESSION DEVICES- INFLATABLE BALLOON BASED COMPRESSION	Each
213	CAR213	DISPOSABLE FEMORAL COMPRESSION DEVICES- INFLATABLE BALLOON BASED COMPRESSION	Each
214	CAR214	HAND HELD EXTERNAL FEMORAL COMPRESSION ASSISTING DEVICE	Each
215	CAR215	TRACKER CATHETER	Each
216	CAR216	CORONARY STENT WITH CUSTOM LENGTH STENT DELIVERY SYSTEM	Each
217	CAR217	TAPERING CORONARY STENTS	Each
		COVERED CORONARY STENTS	
218	CAR218	SELF EXPANDING CORONARY STENTS	Each
219	CAR219	COVERED STAINLESS STEEL CORONARY STENTS - FDA APPROVED	Each
220	CAR220	COVERED STAINLESS STEEL CORONARY STENTS CE MARKED	Each

221	CAR221	COVERED STAINLESS STEEL CORONARY STENTS -APPROVED BY DCGI	Each
222	CAR222	COVERED COBALT CHROMIUM CORONARY STENTS - FDA APPROVED	Each
223	CAR223	COVERED COBALT CHROMIUM CORONARY STENTS CE MARKED	Each
224	CAR224	COVERED COBALT CHROMIUM CORONARY STENTS - APPROVED BY DCGI	Each
225	CAR225	SPECIAL COBALT CHROMIUM CORONARY STENTS COMPATIBLE WITH 5 Fr SYSTEM	Each
226	CAR226	SELF EXPANDING COVERED CORONARY STENTS	Each
227	CAR227	PREMOUNTEDI BALLOON EXPANDABLE COVERED CORONARY STENTS - FDA APPROVED	Each
228	CAR228	PREMOUNTED, BALLOON EXPANDABLE COVERED CORONARY STENTS - CE APPROVED	Each
229	CAR229	PREIV1OUNTED, BALLOON EXPANDABLE COVERED CORONARY STENTS DCGI APPROVED	Each
230	CAR230	CORONARY STENTS COVERED WITH FLEXIBLE MESH SLEEVE	Each
		DRUG ELUTING CORONARYSTENTS	
231	CAR224	STAINLESS STEEL DRUG ELUTING CORONARY STENTS - FDA APPROVED	Each
232	CAR232	STAINLESS STEEL DRUG ELUTING CORONARY STENTS- CE APPROVED	Each
233	CAR233	STAINLESS. STEEL DRUG ELUTING CORONARY STENTS - DCGI APPROVED	Each
234	CAR234	COBALT CHROMIUM DRUG ELUTING CORONARY STENTS. FDA APPROVED	Each
235	CAR235	COBALT CHROMIUM DRUG ELUTING CORONARY STENTS. CE APPROVED	Each
236	CAR236	COBALT CHROMIUM DRUG ELUTING CORONARY STENTS DCGI APPROVED	Each
237	CAR237	PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
238	CAR238	PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- CE APPROVED	Each
		DRUG ELUTING CORONARY STENTS -STAINLESS STEEL	
239	CAR239	PACLITAXEL COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS - FDA APPROVED	Each
240	CAR240	PACLITAXEL COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS -CE APPROVED	Each
241	CAR239	PACLITAXEL. COATED. STAINLESS. STEEL,DRUG ELUTING CORONARY STENTS - DCGI APPROVED	Each
242	CAR242	SIROLIIVIUS COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS - FDA APPROVED	Each
243	CAR243	SIROLIMUS COATED, STAINLESS STEEL DRUG ELUTING CORONARY	Each

		STENTS - CE APPROVED	
244	CAR244	SIROLIMU5 COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS DCGI APPROVED	Each
245	CAR245	EVEROLIMUS COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS - FDA APPROVED	Each
246	CAR246	EVEROLIMUS COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS CE APPROVED	Each
247	CAR247	EVEROLIMUS COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS- DCGI APPROVED	Each
248	CAR248	ZOTAROLIMUS COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS - FDA APPROVED	Each
249	CAR249	ZOTAROLIMUS COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS CE APPROVED	Each
250	CAR250	ZOTAROLIMUS COATED, STAINLESS STEEL DRUG ELUTING CORONARY STENTS DCGI APPROVED	Each
		DRUG ELUTING CORONARY STENTS -COBALT CHROMIUM	
251	CAR251	PACLITAXEL COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
252	CAR252	PACLITAXEL COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- CE APPROVED	Each
253	CAR253	PACLITAXEL COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- DCGI APPROVED	Each
254	CAR254	SIROLIMUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
255	CAR255	SIROLIMUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- CE APPROVED	Each
256	CAR256	SIROLIMUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- DCGI APPROVED	Each
257	CAR257	EVEROLIMUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
258	CAR258	EVEROLIMUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- CE APPROVED	Each
259	CAR259	EVEROLIMUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- DCGI APPROVED	Each
260	CAR260	ZOTAROLIIVIUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
261	CAR261	ZOTAROUMUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS-CE APPROVED	Each

262	CAR262	ZOTAROLIIVIUS COATED, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- DCGI APPROVED	Each
263	CAR263	EVEROLIMUS COATED COBALT CHROMIUM DRUG TIP WITH SKIVE HYPOTUBE — US FDA APPROVED	Each
264	CAR264	EVEROLIMUS COATED COBALT CHROMIUM DRUG TALLER NON LINEAR LINK US FDA APPROVED	Each
265	CAR265	EVEROLIMUS COATED COBALT CHROMIUM DRUG DESIGN — US FDA APPROVED	Each
266	CAR266	ELUTING CORONARY STENTS WITH SLIM SEAL ELUTING CORONARY STENT ML 8 DESIGN WITH ELUTING CORONARY STENTS WITH ML VISION	Each
267	CAR267	EVEROLIMUS COATED COBALT CHROMIUM DRUG ELUTING CORONARY STENTS WITH FLEXIBLE TURE CENTRE TIP — US FDA APPROVED IN CTO INDICATION	Each
		DRUG ELUTING CORONARY STENTS	
268	CAR268	PACLITAXEL COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
269	CAR269	PACLITAXEL COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS— CE APPROVED	Each
270	CAR270	PACLITAXEL COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS— DCGI APPROVED	Each
271	CAR271	SIROLIMUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
272	CAR272	SIROLIMOUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- CE APPOVED	Each
273	CAR273	SIROLIMUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS— DCGI APPROVED	Each
274	CAR274	EVEROLIMUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
275	CAR275	EVEROLIMUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS— CE APPROVED	Each
276	CAR276	EVEROLIMUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS—DCGI APPROVED	Each
277	CAR277	ZOTAROLIMUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
278	CAR278	ZOTAROLIMUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS— CE APPROVED	Each
279	CAR279	ZOTAROLIMUS COATED, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS— DCGI APPROVED	Each
		BIOLIMUS DRUG ELUTING CORONARY STENTS	

280	CAR280	BIOLIMUS ELUTING, STAINLESS STEEL DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
281	CAR281	BIOLIMUS ELUTING, STAINLESS STEEL DRUG ELUTING CORONARY STENTS- CE APPROVED	Each
282	CAR282	BIOLIMUS ELUTING, STAINLESS STEEL DRUG ELUTING•CC1RONARY STENTS- DCG1 APPROVED	
283	CAR283	BIOLIMUS ELUTING, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
284	CAR284	BIOLIMUS ELUTING, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS-CE APPROVED	Each
285	CAR285	BIOLIMUS ELUTING, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS-DCGI APPROVED	Each
286	CAR286	BIOLIMUS ELUTING, PLATINUM CHROMIUM DRUG ELUTING. CORONARY STENTS— FDA APPROVED	Each
287	CAR287	BIOLIMUS ELUTING, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS - CE APPROVED	Each
288	CAR288	BIOLIMUS ELUTING, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- DCG1 APPROVED	Each
		TACROLIMUS & NEWER LIMUS DRUG ELUTING CORONARY STENTS	
289	CAR289	TACROLIMLIS ELUTING, STAINLESS STEEL DRUG ELUTING CORONARY STENTS FDA APPROVED.	Each
290	CAR290	TACROUMUS ELUTING, STAINLESS STELL DRUG ELUTING CORONARY STENTS a APPROVED	Each
291	CAR291	TACROUMUS ELUTING, STAINLESS STEEL DRUG ELUTING CORONARY STENTS DCGI APPROVED	Each
292	CAR292	TACROUMUS ELUTING, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS FDA APPROVED	Each
293	CAR293	TACROLIMUS ELUTING, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS- CE APPROVED	Each
294	CAR294	TACROUMUS ELUTING, COBALT CHROMIUM DRUG ELUTING CORONARY STENTS - DCGI APPROVED	Each
295	CAR295	TACROLIMUS ELUTING, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS— FDA APPROVED	Each
296	CAR296	TACROLIMUS ELUTING, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS - CE APPROVED	Each
297	CAR297	TACROUMUS ELUTING, PLATINUM CHROMIUM DRUG ELUTING CORONARY STENTS- DCGI APPROVED	Each
298	CAR298	LIMUS ELUTING (OTHER THAN SIROLIMIJS, EVEROUMUS, ZOTAROLINIU5, BIOUMUS, TACROLIMUS) DRUG ELUTING CORONARY STENTS- FDA	Each

		APPROVED	
		PUNCTURE NEEDLE & INTRODUCER SHEATH FOR NEONATES & CHILDREN	
299	CAR299	**PUNCTURE NEEDLE FOR VA$CLILAR ACCESS FOR PEDIATRIC&NEONATAL USE**	Each
▪	▪	▪ 20-22G	
•	•	• 3- 5 cm long	
•	•	• 0.021 or 0.025 inch guide wire compatible	
•	•	• Should be supplied individually packed	
•	•	• Needle should have protective plastic tube covering	
300	CAR300	**INTRAVENOUS CANNULA FOR PEDIATRIC VASCULAR ACCESS**	Each
•	•	• Available in 16, 18, 20, 22 G	
•	•	• 20 G should allow the passage of 0.025 hydrophilic guide wire	
•	•	• INDIVIDUALLY PACKED WITH EASY PEEL OFF	
•	•	• Needle should have protective plastic tube covering	
301	CAR301	**INTRAVENQUS,CANNULA FOR VASCULAR ACCESS IN NEONATES**	Each
•	•	• Available in 24 and 26 G Sizes	
•	•	• .Individually-packed:v.4th easy peel off	
•	•	• Needle should have protective plastic tube covering	
302	CAR302	**MICROPUNCTURE NEEDLE WITH STAINLESS STEEL GUIDE WIRE FOR PEDIATRIC & NEONATAL USE**	Each
		❑ 20- 22 G	
		❑ 3- 5 cm long	
		❑ Should include 0.018 inch stainless steel introducer guide wire	
		❑ Should be supplied individually packed	
		❑ Needle should have protective plastic tube covering	
303	CAR303	**MICROPUNCTURE NEEDLE WITH HYDROPHILIC GUIDEWIRE FOR PEDIATRIC &NEONATAL VASCUALAR ACCESS**	Each
		❑ 20- 22 G	
		❑ 3- 5 crn long	
		❑ Should include 0.018 inch hydrophilic guide wire O Should be supplied individually packed	
		❑ Needle should have protected plastic tube covering	
304	CAR304	**MICROPUNCTURE INTRODUCER SET FOR PEDIATRIC & NEONATAL VASCUALAR ACCESS**	Each
		❑ 20-22 G, 3-5 cm long needle	
		❑ Should include 0.018 inch guide wire	

		❑ Should include 4- 5 Fr coaxial sheath	
		❑ Should include a 3 Fr dilator	
		❑ Should be supplied individually packed	
		❑ Needle should have protective plastic tube covering	
305	CAR305	**MICROPUNCTURE INTRODUCER SET FOR PEDIATRIC & NEONATAL VASCUALAR ACCESS**	Each
		❑ 20-22 G, 3-5 cm long needle	
		❑ Should include 0.018 inch guide wire	
		❑ Should include 4- 5 Fr coaxial sheath	
		❑ Should be supplied individually packed	
		❑ Needle shOuld have protective plastic tube covering	
306	CAR306	**INTRODUCER SHEATH FOR USE IN NEONATES**	Each
		❑ Must be available in 3 Fr size	
		❑ Should include 0.14 or 0.18 inch guidewire	
		❑ With haemostatic valve to prevent back leak of blood and aspiration of air	
		❑ With integrated side arm with attached 3-way stopcock	
		❑ With suture eye for securing sheath	
		❑ Kink resistant	
		❑With dilator-hub lock mechanism to prevent its back-out during insertion	
		❑ Should have smooth and resistance free insertion	
307	CAR307	**INTRODUCER SHEATH STRAIGHT INTRODUCER WIRE—FOR USE IN CHILDREN**	Each
		❑ Sizes 4- 6 Fr	
		❑ Between 5.5- 7.5 cm long	
		❑ 0.021 inch straight introducer guide wire	
		❑ With haemostatic valve to prevent back leak of blood and aspiration of air	
308	CAR308	**LIMUS ELUTING (OTHER THAN SIROUMUS, EVEROLIMUS, ZOTAROLIMUS, BIOLIMUS, TACROLIMUS) DRUG ELUTING CORONARY STENTS- a APPROVED**	Each
309	CAR309	**LIMUS ELUTING (OTHER THAN SIROUMUS, EVEROLIMUS, ZOTAROLIMUS, BIOLIMUS, TACROLIMUS) DRUG ELUTING CORONARY**	Each

		STENTS- DCGI APPROVED	
		❑ With integrated side arm with attached 3-way stopcock	
		❑ With suture eye for securing sheath	
		❑ Kink resistant	
		❑ With dilator-hub lock mechanism to prevent its back-out during insertion	
		❑ Should have smooth and resistance free insertion	
310	CAR310	**INTRODUCER SHEATH WITH .ITIP INTRODUCER WIRE—FOR USE IN CHILDREN**	Each
		❑ Sins 4- 6 Fr O Between 5.5- 7.5.cm long	
		❑ With 0.021 inch introducer guide wire with J tip on one end and straight tip on the other end. with both ends suitable for insertion In the vessel	
		❑ With haemostatic value to prevent back leak of blood and aspiration of air.	
		❑ With Integrated side arm with attached 3-way stopcock O With suture eye for securing sheath	
		❑ Kink resistant O With dilator-hub lock mechanism to prevent its back-out during insertion	
		❑ Should have smooth and resistance free insertion	
311	CAR311	**INTRODUCER SHEATH WITH HYDROPHILIC GUIDEWIRE — FOR USE IN CHILDREN**	Each
		❑ Sizes 4- 6 Fr	
		❑ Between 5.5- 7.5 cm long	
		❑ With 0.018 or 0.021 Inch hydrophilic introducer guide wire with straight or J tip	
		❑ With haemostatic valve to prevent back leak of blood and aspiration of air	
		❑ With integrated side arm with attached 3-way stopcock	
		❑ With suture eye for securing sheath	
		❑ Kink resistant	
		❑With dilator-hub lock mechanism to prevent its back-out during insertion	
		❑ Should have smooth and resistance free insertion	
		DIAGNOSTIC & GUIDING CATHETERS FQR NEONATES & CHILIDRIEN	
312	CAR312	**PIGTAIL CATHETER FOR USE IN NEONATES**	Each
		❑ Must be available In 3 Fr size	

		❑ Smaller length for use in neonates	
		❑For safety reasons the loop of the pigtail must be retained when using in vivo	
		❑Must be FDA approved	
313	CAR313	**PIGTAIL CATHETER FOR USE. IN CHILDREN - FDA APPROVED**	Each
		❑ Sizes 4- 5Fr	
		❑ : SMaller-length for neonatal. and:Pediatric:use	
		❑ For safety reasons, the loop of the pigtail must be retained. when using In vivo 0' Must be FDA approved ,	
314	CAR314	**ANGLED PIGTAIL. CATHETER FOR USE.IN ehithF161.. FDA-APPROVED**	Each
		❑ Sizes 4-5 Fr	
		❑ Smaller length for neonatal and pediatric use	
		❑For safety reasons,the loop of the pigtail must be retained when using in vivo	
		❑Must be FDA Approved	
315	CAR315	**MARKER PIGTAIL CATHETER FOR USE IN CHILDREN -FDA APPROVED**	Each
		❑Sizes 4- S Fr	
		❑ Smaller length for neonatal and pediatric use	
		❑For safety reasons, the loop of the pigtail must be retained when using, in vivo	
		❑ Must have equidistant multiple radio opaque markers	
		❑ Must be FDA approved	
316	CAR316	**JUDKINS CATHETER FOR USE IN NEONATES FDA APPROVED**	Each
		❑ Available in 3 Er size	
		❑Left and Right Judkins catheters in various standard curves and lengths	
		❑Must be FDA approved	
317	CAR317	**JUDKINS CATHETER FOR USE IN CHILDREN - FDA APPROVED**	Each
		❑ Sizes 4- 5 Fr	
		❑left and Right Judicins catheters in various standard curves and lengths Must be FDA approved	
318	CAR318	**SPECIAL JUDKINS CORONARY CATHETER WITH SMALLER CURVES FOR USE IN NEONATES**	Each
		DRUG ELUTING CORONARY STENTS —POLYMER FREE &	

		BIOABSORBABLE	
319	CAR319	POLYMER FREE DRUG ELUTING DRUG ELUTING CORONARY STENTS- FDA APPROVED	Each
320	CAR320	POLYMER FREE DRUG ELUTING CORONARY STENTS- CE APPROVED	Each
321	CAR321	POLYMER FREE DRUG ELUTING CORONARY STENTS-DCGI APPROVED	Each
322	CAR322	DRUG ELUTING CORONARY STENTSWITH BIODEGRADABLE POLYMER - FDA APPROVED	Each
323	CAR323	DRUG' ELUTING CORONARY STENTSWITH 'BIODEGRADABLE POLYMER CE APPROVED	Each
324	CAR324	DRUG ELUTING CORONARY STENTSWITH BIODEGRADABLE POLYMER - DCGI APPROVED	Each
325	CAR325	FULLY BIOABSORBABALE DRUG ELUTING CORONARY STEWS-- FDA APPROVED	Each
326	CAR326	FULLY BIOABSORBABALE DRUG ELUTING CORONARYSTENTS— CE APPROVED	Each
327	CAR327	FULLY BIOABSORBABALE DRUG ELUTING CORONARY STENTS- DCGI APPROVED	Each
328	CAR328	**SPECIAL JUDIUNS CORONARY CATHETER WITH SIVIALXER CURVES FOR USE IN CHILDREN**	Each
		❑ Sizes 4- 5 Fr	
		❑ Must be available in 1.5, 2.0, 2.5 and 3.0 curves	
329	CAR329	**RIGHT CORONARY-GUIDING CATHETR FOR PEDIATRIC AND NEONATAL INTERVENTIONS**	Each
		❑ Should be available in 4= SFr	
		❑Mutt be available In various .standard length and curves_	
330	CAR330	**RENAL GUIDING CATHETR FOR PEDIATRIC AND NEONATAL INTERVENTIONS**	Each
		.❑ Should be available 5Fr	
		❑ Must be available in various standard lengths	
331	CAR331	**MULTIPURPOSE GUIDING CATHETER FOR PEDIATRIC INTERVENTIONS**	Each
		:❑ Should be available in 4 5Fr	
		❑ Must be available in various: standard lengths and curves	
		SPECIAL DIAGNOSTIC CATHETERS FOR USE IN NEONATES & CHILDREN	

332	CAR332	**SPECIAL CATHETERS FOR USE IN NEONATES**	Each
		❑ Must be available in 3Fr sin	
		❑ Must allow good torquability O Compatible with 0.025 or 1035 inch guide wire	
		❑ Must be available in 1.5, 2.0, 2.5 and 3.0 curves	
333	CAR333	**MULTIPRPOSE CATHETER FOR USE IN CHILDREN - FDA APPROVED**	Each
		❑ Sizes 4- 5Fr	
		❑ Various standard curves and lengths	
		❑ Must be FDA approved	
334	CAR334	**PICARD CATHETER FOR USE IN CHILDREN - FDA APPROVED**	Each
		❑ Sizes.4- 5 Fr	
		❑ Various standard curves and lengths	
		❑ Must be FDA approved	
335	CAR335	**COBRA CATHETER FOR USE IN CHILDREN - FDA APPROVED**	Each
		❑ Sizes 4-,5 Fr	
		❑ Various standard curves and lengths	
		❑ Must be FDA approved	
336	CAR336	**COURNARD CATHETER FOR PEDIATRIC USE FDA APPROVED**	Each
		❑ Sizes 4- 5 Fr	
		❑ Various. standard curves and lengths	
		❑ Must be FDA approved	
337	CAR337	**NIH CATHETER FOR PEDIATRIC. USE — FDA APPROVED**	Each
		❑ Sizes 4- 5 Fr	
		❑ Must be available in various standard curves and lengths ▪ Must be FDA approved	
338	CAR338	**BALLOON FLOATION CATHETER (SWAN GANZ TYPE) FOR PRESSURE ASSESSMENT- FDA APPROVED**	Each
		❑ Sizes 4- 8 Fr	
		❑ 4F catheter should allow the passage of at least 0.021 inch, 5F —0.025 inch, 6F 0.035 inch and 7F, EIF —0.038 Inch guide wire	
		❑ Catheter should be tapered at tip to ensure uniform diameter of the whole catheter	
339	CAR339	**BALLOON TIPPED ANGIOGRAPHY (BERMAN) CATHETER**	Each

		❑ Sizes 4- 7 Fr I Should have 6 - 8 holes proximal to the balloon for dye injection	
		❑ Catheter should be tapered at tip to ensure uniform diameter of the whole catheter	
340	CAR340	**REVERSE BERMAN CATHETER**	Each
		❑Sizes 4- 7 Fr	
		❑ Catheter should be tapered at tip to ensure uniform diameter of the whole catheter	
		❑ Should have holes proximal to the balloon for dye injection'	
		❑ Should have a hole at the proximal tip to allow the passage over the wire	
		LONG SHEATHS FOR BALLOONS & DEVICES	
341	CAR341	**MULLINS SHEATH WITHOUT SIDE ARM OF 4- 9 Fr, SIZES FOR USE IN VALVULAR INTERVENTION**	Each
		❑ Should have thick and stiff dilator for guiding septal puncture	
342	CAR342	**MULIINS SHEATH WITH SIDE ARM —4, 9 Fr**	Each
		❑ Dilator must be compatible with ≥0.035 INCH	
		❑ Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
		❑ Must be available in various standard lengths and curves	
343	CAR343	**MULLINS SHEATH WITH SIDE ARM –10-12 Fr**	Each
		❑ Dilator Mint be compatible with ≥0.035 inch guide wire	
		❑ Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
		❑ Must be available in various standard lengths and curves	
344	CAR344	**MULLINS SHEATH WITH SIDE ARM — > 12 Fr size**	Each
		❑ Dilator must be compatible with≥0.035 inch guide wire	
		Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
		❑ Must be available in various standard lengths and curves	
345	CAR345	**SPECIAL, LONG SHEATH WITH SIDE ARM - HAUSDORF CURVE**	Each
		❑ Dilator must be compatible With ≥0.035 inch guideWire	
		❑ Sheath without Dilator must have good radio opacity for better fluoroscopic visibility	
		❑ Must be available in various standard lengths and Curves	
346	CAR346	**SPECIAL LONG SHEATHS WITH SIDE ARM - VARIOUS STANDARD CURVES OTHER THAN MULLINS CURVE**	Each
		❑ Must be available in various sizes and curves	

		❑Must be accompanied by separate dilators that are compatible with 0.018" wire, 0.025" wire or 0.035" wire	
347	CAR347	**LONG SHEATH WITH BALKAN CURVE-4- 9 Fr**	Each
		❑ Dilator must be compatible with ≥0.035 inch guidewire	
		❑ Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
		❑ Must be available in various standard lengths and curves	
348	CAR348	**LONG SHEATHS WITH DEFLECTABLE TIP —4- 9 Fr**	Each
		❑ Dilator must be compatible with ≥0.035 inch guidewire	
		❑ Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
		❑ Must be available in various standard lengths and curves	
349	CAR349	**SHEATHS WITH DEFLECTABLE TIP --10.12 Fr**	Each
		❑ Dilator must be compatible with ≥0.035 inch guidewire	
		❑ Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
		❑ Must be available in various standard lengths and curves	
350	CAR350	**SHEATHS WITH DEFLECTABLE 11P > 12 Fr**	Each
		❑ Dilator must be compatible with ≥0.035 inch guidewire	
		❑ Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
		❑ Must be available in various standard lengths and curves	
351	CAR351	**BRITE TIP SHEATH**	Each
		❑ Must be available in various standard lengths and curves	
		❑ Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
352	CAR352	**SPECIAL LONG SHEATH WITH RADIOOPAQUE MARKER AT THE TIP**	Each
		❑ Must be available in various standard lengths and curves	
		❑ Sheath without dilator must have good radio opacity for better fluoroscopic visibility	
		<u>BALLOONS VALVULOPLASTY BALLOON</u>	
353	CAR353	**PERCUTANEOUS TRANSLUMINAL VALVULOPLASTY BALLOON**	Each
		❑ Must be compatible with 3- 4 Fr sheath	
		❑ Must be compatible with .014 —.018 inch wire	
		❑ Over the wire (OTW) positioning system	

		❑ Low profile	
		❑ Allows rapid inflation & deflation	
		❑ Must be available in various sizes (diameter) and lengths	
354	CAR354	**PERCUTANEOUS TRANSLUMINAL VALVULOPLASTY BALLOON**	Each
		❑ Must be compatible with 5- 7 Fr sheath	
		❑ Must be compatible with .018 —.035 inch wire	
		❑ Over the wire (OTW) positioning system	
		❑ Low profile	
		❑ Allows rapid inflation & deflation	
		❑ Must be available in Various sizes (diameter) and lengths	
355	CAR355	**PERCUTANEOUS TRANSLUMINAL VALVULOPLASTY BALLOON**	Each
		❑ Must be compatible with 8 Fr or higher sheath	
		❑ Must be compatible with .025 -.038 inch wire	
		❑ Over the wire (OTW) positioning system	
		❑ Low profile	
		❑ Allows rapid inflation & deflation	
		❑ Must be available in various sizes (diameter) and lengths	
356	CAR356	**PERCUTANEOUS TRANSLUMINAL VALVULOPLASTY BALLOON**	Each
		❑ Must be compatible with 3- 4 Fr sheath	
		❑ Must be compatible with .014 - .018 inch wire	
		❑ Monorail positioning system	
		❑ Low profile	
		❑ Allows rapid inflation & deflation	
		❑ Must be available in various sizes (diameter) and lengths	
357	CAR357	**PERCUTANEOUS TRANSLUMINAL VALVULOPLASTY BALLOON**	Each
		❑ Must be compatible with 5- 7 Fr sheath	
		❑ Must be compatible with .018 -.035 Inch wire	
		❑Monorail positioning system	

		❑ Low profile	
		❑ Allows rapid inflation & deflation	
		❑ Must be available in various sizes (diameter) and lengths	
358	CAR358	**PERCUTANEOUS TRANSLUMINAL VALVULOPLASTY BALLOON**	Each
		• Must be cvompatible with 8Fr or higher sheath	
		• Must be compatible with .025-.038 inch wire	
		• Monorail positioning system	
		• Low profile	
		• Allows rapid inflation & deflation	
		• Must be avalible in various sizes(diameter) and lengths	
		PERIPHERAL ANGIOPLASTY BALLOON	
359	CAR359	**PERIPHERAL ANGIOPLASTY BALLON COMPATIBLE WITH 3-4 Fr SHEATH**	Each
		❑ Must be compatible with 3-4 Fr sheath	
		❑Must be compatible with .014 or .018 inch wire	
		❑ Over the wire (OTW) positioning system	
		❑ Low profile	
		❑ Must be available in various sizes (diameter) and lengths	
360	CAR361	**PERIPEHRAL ANGIOPLASTY BALLOON COMPATIBLE WITH 5-7 Fr SHEATH**	Each
		❑ Must be compatible with 5- 7 Fr sheath	
		❑ Must be compatible with .018 — 0.35 inch wire	
		❑ Over the wire (OTW) positioning system	
		❑ Low profile	
		❑ Allows rapid inflation & deflation Li Must be available in various sizes (diameter) and lengths	
361	CAR361	**PERIPHERAL ANGIOPLASTY BALLOON COMPATIBLE WITH > 7 Fr SHEATH**	Each
		❑ Must be compatible with 8 Fr or more sheath	
		❑ Must be compatible with 0.35 inch wire	
		❑ Over the wire (OTW) positioning system	
		❑ Low profile	
		❑ Allows rapid inflation & deflation	

		❑ Must be available in various sizes (diameter) and lengths	
362	CAR362	**PERIPHERAL ANGIOPLASTY BALLOON COMPATIBLE WITH 3- 4 Fr SHEATH**	Each
		❑ Must be compatible with 3- 4 Fr sheath	
		❑ Must be compatible with .014 or .018 inch wire	
		❑ Monorail positioning system	
		❑ Low profile	
		❑ Allows rapid Inflation & deflation	
		❑ Must be available in various sizes (diameter) and lengths	
363	CAR363	**PERIPEHRAL ANGIOPLASTY BALLOON- COMPATIBLE.WITH 5-7 Fr SHEATH**	Each
		❑ Must be compatible with 5-7 Fr sheath	
		❑ Must be compatible with .018 — 0.35 inch wire	
		❑ Monorail positioning system	
		❑ Low profile	
		❑ Allows rapid inflation & deflation	
		❑ Must be available in various sizes (diameter) and lengths	
		SPECIAL BALLOON CATHETERS AND ACCESSORIES	
364	CAR364	**FOGARTY EMBOLISATION CATHETER**	Each
		❑ Must be available in various sizes 4- 6 Fr	
		❑ Must have a radiopaque straighter inside for positioning of the balloon	
365	CAR365	**ATRIAL SEPTOSTOMY BALLOON**	Each
		❑ Must be available in various sizes	
366	CAR366	**BALLOON IN BALLOON CATHETER**	Each
		❑ Must be available in various sizes	
367	CAR367	**CUTTING BALLOON FOR PERIPHERAL ANGIOPLASTY**	Each
368	CAR368	**DETACHABLE BALLOON**	Each
369	CAR369	**PARK BLADE SEPTECTO MY CATHETER**	
370	CAR370	**BALLOON INFLATION DEVICE- (MAXIMUM PRESSURE UPTO 10 ATM)**	Each
		❑ Luminescent analog pressure gauge with maximum pressure up to 10 atm	

		❑ Efficient locking system to maintain high pressure	
		❑ Rapid Inflation and deflation	
		❑ Clear barrel for easy visualization of de-bubbling	
		❑ Ergonomic and user friendly hand held design	
		PTMC BALLOON & ACCESSORIES	
371	CAR371	PTMC BALLOON 'INOUE TYPE' WITH ACCESSORIES - FDA APPROVED	Each
372	CAR372	PTMC BALLOON OF 'INOUE TYPE' WITHOUT ACCESSORIES- FDA APPROVED	Each
373	CAR373	**ACCESSORIES OF PTMC BALLOON 'INOUE TYPE' - FDA APPROVED**	Each set
		a) Balloon Stretching Tube	
		b) Guide-wire (Left Atrial Coil Wire)	
		c)Stylet (Spring)	
		d) Dilator (Septal)	
		e) Ruler	
		f) Syringe with attached tubing	
374	CAR374	PTMC BALLOON 'INOUE TYPE' WITH ACCESSORIES CE MARKED	Each set
375	CAR375	PTMC BALLOON OF 'INOUE TYPE' WITHOUT ACCESSORIES- CE MARKED	Each set
376	CAR376	ACCESSORIES OF PTMC BALLOON 'INOUE TYPE' — CE MARKED	Each set
		a) Balloon Stretching Tube	
		b) Guide-wire (Left Atrial Coil Wire)	
		c)Stylet (Spring)	
		d) Dilator (Septa')	
		e) Ruler	
		f) Syringe with attached tubing	
377	CAR377	PTMC BALLOON 'INOUE TYPE' WITH ACCESSORIES APPROVED BY DCGI	Each
378	CAR378	PTMC BALLOON 'INOUE TYPE' WITHOUT ACCESSORIES -APPROVED BY DCGI	
379	CAR379	ACCESSORIES OF PTMC BALLOON 'INOUE TYPE' —APPROVED BY DCGI	Each set
		a) Ballon Stretching Tube	
		b) Guide-wire (Left Atrial Coil Wire)	
		c)Stylet (Spring)	

		d) Dilator [Septal)	
		e) Ruler	
		f) Syringe with attached tubing	
380	CAR380	**TRANSSEPTAL PUNCTURE NEEDLE — FOR ADULTS**	Each
		❑ Tapering tip	
		❑ Standard curve	
		❑ Hub with angle Indicator	
381	CAR381	**TRANSSEPTAL PUNCTURE NEEDLE — FOR PEDIATRICS USE**	Each
		❑ Tapering tip	
		❑ Standard curve	
		❑ Hub with angle indicator	
382	CAR382	**INTRODUCER SHEATH FOR TRANSSEPTAL PUNCTURE**	Each
		❑ Should include a dilator and sheath	
		❑ Dilator should provide smooth transition with septal puncture needle	
		❑ Should be available in varying sizes	
		❑ Radio-opaque tip marker for precise visualization of sheath	
		❑ Should be kink and collapse resistant	
		❑ Should be flexible	
383	CAR383	**SPECIAL WOVEN TREANSSEPTAL SHEATH FOR PEDIATRIC USE (4-8 Fr.)**	Each
		CLOSURE DEV ICES - ASD	
384	CAR384	**ASV CLOSURE DEVICES WITH DELIVERY SYSTEM - FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
		❑ Must quote the price of individual components of delivery system (delivery sheath and cable) separately	
		❑ For comparative analysis the price of whole unit will betaken into consideration	
385	CAR385	**ASD CLOSURE DEVICES (WITH EXISTING FENESTRATIONAVITH DELIVERY SYSTEM • FDA APPROVED**	Each

		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering detachable devices with delivery cable	
		❑ Available In all approved sizes	
		❑ Must quote the price of Individual components of delivery system (delivery sheath & cable) separately for use in Future.	
		❑ For comparative analysis the price of whole unit-will be taken into consideration	
386	CAR386	**ASD CLOSURE DEVICE WITHOUT DELIVERY SYSTEM • FDA APPROVED**	Each
		❑Approved for pediatric and adult use	
		❑ Device must be made up of biologically Inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all the sizes	
387	CAR387	**MD CLOSURE DEVICES WITH TH DELIVERY SYSTEM - CE MARKED**	Each
		❑ Approved for pediatric and adult use,	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available In all the sizes	
		❑ Must quote the price of individual components of delivery system (delivery sheath & cable) separately for use in future .	
		❑ For comparative analysis the price of whole unit will be taken into consideration	
388	CAR388	**ASD CLOSURE DEVICE WITHOUT DELIVERY SYSTEM - CE MARKED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically Inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all the sizes	
389	CAR389	**ASD CLOSURE DEVICE WITH DELIVERY SYSTEM —APPROVED BY DCGI**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	

		❑ Available in all the sizes	
		❑ Must quote the price of individual components of delivery system (delivery sheath & cable) separately for use in future	
		❑ For comparative analysis the price of whole unit will be taken into consideration	
390	CAR390	**ASD CLOSURE DEVICE WITHOUT DELIVERY SYSTEM —APPROVED BY DCGI**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all the sizes	
391	CAR391	**ASD CLOSURE DEVICE FOR COMPLEX ASO5— FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all the sizes	
		❑ Must have an additional safety feature for recapture of device after unscrewing from the cable	
392	CAR392	**ASD CLOSURE DEVICE FOR COIVIPLEX ASDs— CE MARKED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self centering, detachable devices with delivery cable	
		❑ Available in all the sizes	
		❑ Must have an additional safety feature for recapture of device after unscrewing from the cable	
393	CAR393	**ASD CLOSURE DEVICE FOR COMPLEX ASDs—PPROVED BY DCGI**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all the sizes	
		❑ Must have an additional safety feature for recapture of device after unscrewing from the cable	

		CLOSURE DEVICES VSD	
394	CAR394	**VSD CLOSURE DEVICES WITH DELIVERY SYSTEM - FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Devices must be Made up of biologically inert material	
		❑ Self-centering,detachable devices With delivery Cable	
		❑ Available in all approved sizes	
		❑Must quote the price of individual component of delivery system (delivery sheath and cable) separately	
		❑ For comparative analysis the price of whole will be taken into consideration	
395	CAR395	**VSD, CLOSURE DEVICES WITHOUT DELIVERY SYSTEM.- FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device mist be made Lip of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available all approved sizes	
396	CAR396	**VSD CLOSURE DEVICES WITH DELIVERY SYSTEM CE MARKED**	Each
		❑ Approved pediatric and adult use	
		❑ Devices must be Made up of biologically inert material.	
		❑ Self-centering, detachable devices With delivery cable	
		❑ Available In all approved sizes	
		❑ Must the price of individual Component of delivery system (delivery sheath and cable) separately	
		❑For comparative analysis the price of whole unit will be taken into consideration	
397	CAR397	**VSD CLOSURE DEVICES WITHOUT DELIVERY SYSTEM - CE MARKED**	Each
		❑ Approved for pediatric and-adult use	
		❑ Device rust be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable LI Available In all approved sizes	
398	CAR398	**VSD CLOSURE DEVICE WITH DELIVERY SYSTEM — APPROVED BY DCGI**	Each
		❑ Approved for pediatric and adult use	

		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available In all approved sizes	
		❑Must quote the price of individual components of delivery system (delivery sheath and cable) separately	
		❑ For comparative analysis the price of whole unit will be taken into consideration	
399	CAR399	**VSD CLOSURE DEVICE WITHOUT DELIVERY SYSTEM —APPROVED BY DCGI**	Each
		❑ Approved for pediatric and adult use	
		❑ Devices must be made up of biologically inert material	
		❑ Self-Centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
		CLOSURE Devices PDA	
400	CAR401	**PDA.CLOSURE DEVICES WITH DELIVERY SYSTEM --FDA APPROVED**	Each
		❑Approved for pediatric and adult use	
		❑Devices must be made up of biologically inert material	
		❑ Self-Centering detachable devices with delivery cable	
		❑ Available in all approved sizes	
		❑ Must quote the price of individual components of delivery system (delivery sheath and cable) separately	
		❑ For comparative analysis the price of whole unit will be taken into consideration	
401	CAR401	**PDA closure DEVICES WITHOUT DELIVERY SYSTEM- FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑Device must be made up of biological inert material	
		❑Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
402	CAR402	**PDA CLOSURE DEVICES WITH DELIVERY SYSTEM CE MARKED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑Self-centering, detachable device with delivery cable	

		❑ Available in all approved sizes	
		❑ Must quote the price of individual components of delivery system (delivery sheath and cable) separately	
		❑ For comparative analysis the price of whale unit will be taken Into consideration	
403	CAR403	**PDA CLOSURE DEVICES WITHOUT DELIVERY SYSTEM • CE MARKED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
404	CAR404	**FDA CLOSURE DEVICE WITH DELIVERY SYSTEM —APPROVED BY DCGI**	Each
		❑Approved for pediatric and adult use	
		❑Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable available in all approved sizes	
		❑ Must quote the price of Individual components of delivery system (delivery sheath and cable) separately	
		❑ For comparative analysis the price whole unit will be taken into consideration	
405	CAR405	**PDA CLOSURE DEVICE WITHOUT DELIVERY SYSTEM APPROVED BY DCGI**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
406	CAR406	**PDA CLOSURE DEVICES WITH DISC ON BOTH SIDES WITH DELIVERY SYSTEM - FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
		❑ Must quote the price of individual components of delivery system (delivery sheath and cable) separately	

		❑ For comparative analysis the price of whole unit will be taken into consideration	
407	CAR407	**PDA CLOSURE REVICES WITH DISC ON BOTH SIDES WITHOUT DELIVERY SYSTEM - FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
		CLOSURE DEVICES PFO	
408	CAR408	**PFO CLOSURE DEVICES WITH DELIVERY SYSTEM - FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
		❑ Must quote the price of individual components of delivery system (delivery sheath and cable) separately	
		❑ For comparative analysis the price of whole unit will be taken into consideration	
409	CAR409	**PFO CLOSURE DEVICES WITHOUT DELIVERY SYSTEM FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
410	CAR410	**PFO CLOSURE DEVICES WITH DELIVERY SYSTEM - CE MARKED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available In all approved sizes	
		❑ Must quote the price of individual components of delivery system (delivery sheath and cable) separately	
		❑ For comparative analysis the price of whole unit will be taken into consideration	
411	CAR411	**PFO CLOSURE DEVICES WITHOUT DELIVERY SYSTEM - CE MARKED**	Each

		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-Centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
412	CAR412	**PFO CLOSURE DEVICE WITH DELIVERY SYSTEM —APPROVED BY DCGI**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self centering detachable device with delivery cable	
		❑ Available in all approved size	
		❑ Must quote the price of Individual components of delivery system (delivery sheath and cable) separately,	
		❑ For comparative analysis the price of whole unit will be taken into consideration	
413	CAR413	**PFO CLOSURE DEVICE WITHOUT DELIVERY SYSTEM —APPROVED BY DCGI**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically Inert material	
		❑ Self-centering, detachable crevice with delivery cable	
		❑ Available in all approved sizes	
		CLOSURE DEVICES & ACCESSORIES VASCULAR PLUGS	
414	CAR414	**VASCULAR PLUG FDA APPROVED**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved shapes and sizes	
415	CAR415	**VASCULAR PLUG — CE MARKED**	Each
		❑ Approved for pediatric and adult use	
		❑Device must be made up of biologically Inert material	
		❑ Self-centering; detachable device with delivery cable	
416	CAR416	**VASCULAR PLUG — APPROVED BY DCGI.**	Each

		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material	
		❑ Self centering, detachable device with delivery cable	
		CARDIAC PLUG	
417	CAR417	**CARDIAC, PLUG FDA APPROVED ,**	
		❑ Approved for pediatric and adult use	Each
		❑Device must be: made up of biologically inert material	
		❑ Self-Centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
418	CAR418	**CARDIAC PLUG CE MARKED**	Each
		❑Approved for pediatric and adult use	
		❑Device Mila be made up of biologically inert Material	
		❑ Self-centering, detachable device with delivery cable	
		❑ Available in all approved sizes	
419	CAR419	**CARDIAC PLUG —APPROVED BY DGCI**	Each
		❑ Approved for pediatric and adult use	
		❑ Device must be made up of biologically inert material o	
		❑ Self-centering, detachable device with delivery cable	
		❑Available in all approved sizes	
		ACCESSORIES FOR DEVICE CLOSURE	
420	CAR420	SIZING BALLOON FOR ASD DEVICE CLOSURE — OVAL SHAPED	Each
421	CAR421	SIZING BALLOON FOR ASD DEVICE CLOSURE — CIRCULAR SHAPE	Each
422	CAR422	SIZING PLATE FOR ASD DEVICE CLOSURE	Each
		COILS FOR PDA CLOSURE	
423	CAR423	**PDA COBS MADE OF STEEL**	Each
		❑ 0.035, 0.038 Inches	
		❑ Sizes ranging from 2 x 2 to 15 x 15	
424	CAR424	**PDA COILS MADE OF NITINOL**	Each
		❑ 0.035, 0.038 Inches	

		❑ Sizes ranging from 2 x 2 to 15 x 15	
425	CAR425	**PDA COILS MADE OF PLATINUM**	Each
		❑ 0.035 , 0.038 Inches	
		❑ Sizes ranging from 2 x 2 to 15 x 15	
426	CAR426	**0.052 INCH PDA COILS MADE OF STEEL**	Each
		❑ Sizes ranging from 2 x 2 to 15 x 15	
427	CAR427	**0.052 INCH PDA COILS MADE OF NITINOL**	Each
		❑ Sizes ranging from 2 x 2 to 15 x 15	
428	CAR428	**0.052 INCH PDA COILS MADE OF PLATINUM**	Each
		❑ Sizes ranging from 2 x 2 to 15 x 15	
		COILS FOR COLLATERAL EMBOLISATION	
429	CAR429	**EMBOLISATION COILS (0.018 INCH)**	Each
		❑ Sizes ranging from 2 x 2 to 15 x 15	
430	CAR430	**EMBOLISATION COILS (0.035 INCH)**	Each
		❑ Sizes ranging from 2 x 2 to 15 x 15	
431	CAR431	**EMBOLISATION COILS (0.052INCH)**	Each
		Sizes ranging from 2 x 2 to 15 x 15	
		PERCUTANEOUS PUL MONARY VALVE	
432	CAR432	**PULMONARY VALVE APPROVED FOR PERCUTANEOUS IMPLANTATION — FDA APPROVED**	Each
		❑ Approved for pediatricand adult use	
		❑Valve must be made up of biologically inert marterial	
		❑Must be available in all standard sizes	
		❑Must be quoted with prices of individual components such as delivery system & valve separately for fixing the price	
433	CAR433	**PULMONARY VALVE APPROVED FOR PERCUTANEOUS IMPLANTATION — CE MARKED**	Each
		❑ Approved for pediatric and adult use	
		❑ Valve must be made up of biologically inert material Li Must be available in all standard sizes	
		❑ Must be quoted with prices of individual components such as delivery system &	

		valve separately for fixing the price	
434	CAR434	**PULMONARY VALVE APPROVED FOR PERCUTANEOUS IMPLANTATION —APPROVED BY DGCI**	Each
		❑ Approved for pediatric and adult use	
		❑ Valve must be made up of biologically inert material	
		❑ Must be available In all standard sizes	
		❑ Must be quoted with prices of Individual components such as delivery system & valve separately for fixing the price	
		LEFT ATRIAL APPANDAGE CLOSURE DEVICE	
435	CAR435	**LEFT ATRIAL APPANDAGE CLOSURE DEVICE — FDA APPROVED**	Each
		❑ Device must be made up of biologically inert material	
		❑ Must be provided with all standard accessories	
436	CAR436	**LEFT ATRIAL APPANDAGE CLOSURE DEVICE — CE MARKED**	Each
		❑ Device must be made up of biologically inert material	
		❑ Must be provided with all standard accessories	
437	CAR437	**LEFT ATRIAL APPANDAGE CLOSURE DEVICE APPROVED BY DGCI**	Each
		❑ Device must be made up of biologically inert material	
		❑ Must be provided with all standard accessories	
		GUIDEWIRES	
438	CAR438	**HYDROPHILIC DIAGNOSTIC GUIDE WIRE - REGULAR LENGTH, REGULAR STIFFNESS**	Each
		❑ MUST be available in 0.018, 0.025, 0.032, 0.035 and 0.038 inch diameter	
		❑ Should have superelastic alloy core	
		❑ Should have super flexible wire tip	
		❑ Should be available in straight and angled tip 0. Should be between 120-150 cm long	
439	CAR439	**HYDROPHILIC DIAGNOSTIC GUIDE WIRE —EXCHANGE LENGTH, REGULAR STIFFNESS**	Each
		❑ MUST be available in 0.018, 0.025, 0.032, 0.035 and 0.038 inch size diameter	
		❑ Should have superelastic alloy core	
		❑ Should have super flexible wire tip	
		❑ Should be available in straight and angled tip	

		❑ Should be 260 cm long	
440	CAR440	**HYDROPHILIC DIAGNOSTIC GUIDE WIRE - REGULAR LENGTH, EXTRA STIFF**	Each
		❑ MUST be available in 0.018, 0.025, 0.032, 0.035 and 0.038 inch size diameter	
		❑ Should have superelastic alloy core	
		❑ Should have short, super flexible wire tip	
		❑ Should be available in straight and angled tip	
		❑ Should be between 120-150 cm long	
441	CAR441	**HYDROPHILIC DIAGNOSTIC GUIDE WIRE —EXCHANGE LENGTH, EXTRA-STIFF**	Each
		❑ MUST be available in 0.018, 0.025, 0.032, 0.035 and 0.038 inch size diameter	
		❑ Should have superelastic alloy core	
		❑ Should have super flexible wire tip	
		❑ Should be available in straight and angled tip	
		❑ Should be 260 cm long	
442	CAR442	**0.018" REGULAR LENGTH, REGULAR SHAFT STIFFNESS FOR PEDIATRIC USE**	Each
		❑ Should have floppy tip	
		❑ Should be available in straight and J tip	
		❑ Should be between 140-180 cm long	
443	CAR443	**WIRE 0.018" REGULAR LENGTH, EXTRA- STIFF SHAFT**	Each
		❑ Should have floppy tip	
		❑ Should be available in straight and J tip	
		❑ Should be between 140-180 cm long	
444	CAR444	**WIRE 0.018" EXCHANGE LENGTH, REGULAR SHAFT STIFFNESS**	Each
		• Should have floppy tip	
		• Should be available in straight and J tip	
		• Should be between 240-30cm long	
445	CAR445	**WIRE 0.018" EXCHANGE LENGHT, EXTRA- STIFF SHAFT**	Each
		• Should have floppy tip	
		• Should be available in straight and J tip	
		• Should be between 240-30cm long	
446	CAR446	**0.035" EXCHABGE LENGTH EXTRA FLOPPY GUIDEWIRE DEDICATED FOR VSD DEVICE CLOSURE**	
447	CAR447	**0.014" GUIDEWIRE DEDICATED FOR DUCTAL STENTING IN NEONATES AND INFANTS**	

		VASCULAR STENTS	
448	CAR448	**BALLOON EXPANDABLE (PREMOUNTED) VASCULAR SYEENTS- FDA APPROVED**	Each
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
449	CAR449	**BALLOON EXPANDABLE (PREMOUNTED) VASCULAR STENTS-CE MARKED**	Each
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
450	CAR450	**BALLOON EXPANDABLE (PREMOUNTED) VASCULAR STENTS-APPROVED BY DCGI**	Each
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
451	CAR451	**BALLOON EXPANDABLE VASCULAR STENTS-FDA APPROVED**	Each
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
		• The stents must not be premounted on balloon	
452	CAR452	**BALLOON EXPANDABLE VASCULAR STENTS-CE MARKED**	Each
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
		• The stents must not be premounted on balloon	
453	CAR453	**BALLOON EXPANDABLE VASCULAR STENTS - APPROVED BY DCGI**	Each
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
		• The stents must not be premounted on balloon	
454	CAR454	**SELF EXPANDING VACULAR STENTS- FDA APPROVED**	
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
455	CAR455	**SELF EXPANDING VACULAR STENTS- CE MARKED**	
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
456	CAR456	**SELF EXPANDING VACULAR STENTS - APPROVED BY DCGI**	
		• Approved for paediatric and adult use	
		• Available in various lengths and diameters	
457	CAR457	**PTFE COVERED, PREMOUNTED BALLOON EXPANDABLE VASCULAR STENTS – 5-10 mm DIAMETER**	
		• Should be available in 5,6,7,8,9 & 10mm diameter sizes	
		• Should be compatible with 6 -7 fr sheath	
		• Should have low crossing profile	
458	CAR458	**PTFE COVERED, PREMOUNTED BALLOON EXPANDABLE VASCULAR STENTS – 12-16 mm DIAMETER**	Each
		• Should be available in 12,14 & 16mm diameter sizes	
		• Should be compatible with 9 -11 fr sheath	
		• Should have low crossing profile	
459	CAR459	**DISPOSABLE STERILE PATIENT DRAPE USED DURING CARDIAC CATHETERIZATION**	Each
		• Should have pre-shaped circular access openings for both groins suitable for coronary catheterization procedures	
460	CAR460	**DISPOSABLE STERILE CATH TROLLEY SHEET**	Each
461	CAR461	**DISOSABLE STERILE PLASTIC DRAPE SHEET USED DURING CARDIAC CATHETERIZATION**	Each
462	CAR462	**STERILE ADHESIVE TRANSPARENT INCISION DRAPE**	Each
		• Absorbent and completely impervious to fluids	
		• Sizes 30-40 cm × 25-40 cm and 20-25 cm × 10-15 cm	
		• Should adhere securely to skin	
		• Should be transparent with a non-glare surface	

		• Should provide sterile working field around operation sit	
		• Should be bacterial proof and water proof	
463	CAR463	**DISPOSABLE STERILE LINE/GAUGE SWABS USED DURING CARDIAC CATHETERIZATION**	Each
464	CAR464	**DISPOSABLE STERILE WRAP- AROUND GOWN USED DURING CARDIAC CATHETERIZATION**	Each
		• Disposable gowns with elastic wrist bands in medium, large and extra- large size	
		• Gown should have fasteners	
		• Light weight	
		• Non-woven material	
465	CAR465	**DISPOSABLE CATH TRAY OF VARIOUS SIZES**	Each
466	CAR466	**DISPOSABLE BOWLS OF VARIOUS SIZES USED IN CATH LAB**	Each
		• Should be available in 20,50,100,250,500 ml capacity	
467	CAR467	**DISPOSABLE CONTAINERS/ BOWLS WITH SOAKAGE CAPABILITY AND SECURE LID OF VARIOUS SIZS FOR USE IN CATH LAB**	Each
		• Should be available in 50,100,500 ml capacity	
		• Should have secure, sealed lid with opening for syringe to push fluids/ blood	
		• Should have capacity to soak fluid/blood from inside	
		• Should have capacity to securely place sharp needle(s) to prevebt accidental needal pricks during cath procedure	
468	CAR468	**DISPOSABLE FOAM/OTHER MATERIAL FOR PLACING SHARP NEEDLES/ OBJECTS**	Each
469	CAR469	**DISPOSABLE CLEANING (SPONGE/OTHER MATERIAL) STICK:**	Each
		• To be used with cleaning agent for preparing the patent part for cath procedures	
		• Should have an attached wooden/plastic handle for its holding	
470	CAR470	**DISPOSABLE CLEANING (SPONGE/OTHER MATERIAL) STICK:**	Each
		• For rapid soaking of fluid/blood spillage during cath procedures	
		• Should have an attached wooden/plastic handle for its holding	
471	CAR471	**DISPOSABLE SPONGE HOLDER**	Each
472	CAR472	**DISPOSABLE STERILE LINEN KIT FOR USE IN CATH LAB:**	Each
		• Should contain 1 patient drape, 1 cath trolley cover and 3 wrap-around gowns	
473	CAR473	**DISPOSABLE COMBO STERILE KIT FOR USE IN CATH LAB:**	Each
		• Should contain 1 patient drape, 2 small towels, 1 cath trolley cover, 3 wrap-around gowns, 1 cath tray, 3 small bowls and 1 large bowl, 1 disposable sponge holder	
474	CAR425	**STERILE GLOVES WITH RADIATION PRITECTION**	Each
		• Lead free, non-toxic, disposable of all types	
		• Should meet international norms for safety	
		• FDA approved of CE marked	
475	CAR475	**DISPOSABLE STERILE TRANSPARENT SELF ADHESIVE SEAL/COVER FOR CANNULA, SHEATHS, CATHETERS**	Each

476	CAR476	**TUBERCULIN SYRINGE (WITH 26 G NEEDLE) – 1 ML FOR USE IN CATH LAB**	Each
		• Should meet highest medical industrial standards	
		• Markings should be at every 0.1 ml interval	
		• Should be supplied with 26 gauge needle in the packet	
		• Quality certification should be provided from authorized agencies	
477	CAR477	**STERILE DISPOSABLE SYRINGES (WITH 23 G NEEDLE) – 2 ML FOR USE IN CATH LAB**	Each
		• Must have routine plain nozzle	
		• Nozzle should be at one of the syringe and not in center	
		• Markings at every 0.1ml in 2ml syringe	
		• Needle should be in the packet and of 24 gauge	
		• Should be stored in easy to peel packages of medical grade paper	
478	CAR478	**STERILE DISPOSABLE SYRINGES (WITH 23 G NEEDLE) – 5 ML FOR USE IN CATH LAB**	Each
		• Must have routine plain nozzle	
		• Nozzle should be at one of the syringe and not in center	
		• Markings at every 0.2ml in 5ml syringe	
		• Needle should be in the packet and of 24 gauge	
		• Should be stored in easy to peel packages of medical grade paper	
479	CAR479	**STERILE DISPOSABLE LUER LOCK SYRINGES (WITH 23 G NEEDLE) – 5 ML FOR USE IN CATH LAB**	Each
		• Must have Luer lock	
		• Nozzle should be at one of the syringe and not in center	
		• Markings at every 0.2ml in 5ml syringe	
		• Needle should be in the packet and of 24 gauge	
		• Should be stored in easy to peel packages of medical grade paper	
480	CAR480	**STERILE DISPOSABLE SYRINGES (WITH 21 G NEEDLE) – 10 ML FOR USE IN CATH LAB**	Each
		• Must have routine plain nozzle	
		• Nozzle should be at one of the syringe (not in center)	
		• Needle should be in the packet and of 21 gauge	
		• Should be stored in easy to peel packages of medical grade paper	
481	CAR481	**STERILE DISPOSABLE LUER LOCK SYRINGES (WITHOUT NEEDLE) – 10 ML FOR USE IN CATH LAB**	Each
		• Must have Luer lock	
		• Should have three piece configuration	
		• Should be stored in easy to peel packages of medical grade paper	
		• Should take high pressure for manual injection of contrast	
482	CAR482	**STERILE DISPOSABLE LUER LOCK SYRINGES WITH ATTACHED NEEDLE FOR USE IN CATH LAB FOR ANGIOGRAPHY- 10 ML**	Each
		• Must have Luer lock	
		• Should have three piece configuration	
		• Should be stored in easy to peel packages of medical grade paper	
		• Should take high pressure for manual injection of contrast	
		• Needle should be of 21 Gauge, 1 inch long and pre-attached with the syringe	
483	CAR483	**STERILE DISPOSABLE LUER LOCK SYRINGES WITHOUT NEEDLE FOR USE IN CATH LAB - 10 ML**	Each
		• Must have Luer lock	

		• Should have three piece configuration	
		• Should be stored in easy to peel packages of medical grade paper	
484	CAR484	**STERILE DISPOSABLE LUER LOCK SYRINGES (WITHOUT NEEDLE) FOR USE IN CATH LAB - 50 ML**	Each
		• Must have Luer lock	
		• Should have three piece configuration	
		• Should be stored in easy to peel packages of medical grade paper	
485	CAR485	**DISPOSABLE NEEDLES FOR SYRINGES**	Each
		• Various sizes and lengths	
486	CAR486	**INTERVENOUS CANNULA OF VARIOUS SIZES (14-22 G) FOR USE IN CATH LAB**	Each
		• Disposable sterile intravenous cannula of all sizes for adults with needle, ports for injection, sterile caps for all ports	
		• Should be stored in easy to peel packages	
		• Should meet highest medical industrial standards for intravenous cannula	
		• Quality certification should be provided for authorized agencies	
487	CAR487	**INTRAVENOUS CANNULA OF VARIOUS SIZES (24-26) FOR USE IN CATH LAB**	Each
		• Disposable sterile intravenous cannula of all sizes for adults with needle, ports for injection, sterile caps for all ports	
		• Should be stored in easy to peel packages	
		• Should meet highest medical industrial standards for intravenous cannula	
		• Quality certification should be provided for authorized agencies	
488	CAR488	**WINGED NEEDLE FOR PEDIATRIC/NEONATAL BLOOD SAMPLING**	Each
		• Should meet highest medical industrial standards	
		• Quality certification should be provided for authorized agencies	
489	CAR489	**INTRA-ARTERIAL CANNULA FOR PRESSURE MONITORING**	Each
		• Should meet highest medical industrial standards	
		• Quality certification should be provided for authorized agencies	
490	CAR490	**CVP CATHETERS SINGLE, DOUBLE AND TRIPLE LUMEN**	Each
		• Disposable sterile CVP catheters with single/ double and triple lumen with all accessories	
		• Should be stored in easy to peel packages	
		• Should meet highest medical industrial standards	
		• Quality certification should be provided from authorized agencies	
491	CAR491	**CONTRAST TUBING (CONNECTING BETWEEN CONTRAST BOTTLE AND MANIFOLD)**	Each
		• Should have large internal diameter for easy flow of contrast	
		• Should be flexible	
		• Should have flow regular knobs	
		• Should be kink resistant	
492	CAR492	**ADJUSTABLE HEMOSTABLE VALVE FOR CATHETERS**	Each
		• Should meet highest medical industrial standards	
		• Quality certification should be provided from authorized agencies	
493	CAR493	**DISPOSABLE SATURATION PROBE**	Each
		• Of all sizes (For adults/ pediatric/neonatal use)	
		• Should be compatible with available system in Cath Lab and CCU at AIIMS	
		• All probe models (ear lobe, wrap around probe for neonates and infants and finger probes) to be supplied	
		• Should meet or exceed highest standards	
		• Quality certification from authorized agencies to be provided	
494	CAR494	**REUSEABLE SATURATION PROBE**	Each
		• Of all sizes (For adults/ pediatric/neonatal use)	

		• Should be compatible with available system in Cath Lab and CCU at AIIMS	
		• Both ear lobe and finger probes	
		• Should meet or exceed highest standards	
		• Quality certification from authorized agencies to be provided	
495	CAR495	**HIGH- PRESSURE INJECTOR LINES**	Each
		• Should be available in various lengths	
		• Should be male and female luer locks	
		• Should be transparent and kink resistant	
		• Should be able to take pressure of angiographic injection	
496	CAR496	**ENTRAL LINE CATHETERS SINGLE, DOUBLE AND TRIPLE LUMEN FOR PAEDIATRIC USE**	Each
		• Disposable terile central line catheters with single/double and triple lumen with all accessories	
		• Available in 22/24 gauge	
		• Should be stored in easy to peel packages	
		• Should meet highest medical industrial standards	
		• Quality certification should be provided from authorised agencies	
497	CAR497	**DISPOSABLE ECG ELECTRODES FOR ADULTS**	Each
		• Adult diaphoretic foam electrodes	
		• Should be pre-gelled, peel and stick electrode with excellent adhesion	
		• Should leave no residue once removed	
		• Should conform to or exceed the highest industrial standard for ECG electrodes, Quality certification from authorized agencies to be provided	
498	CAR498	SPECIAL RADIOLUCENT DISPOSABLE ECG ELECTRODES FRO ADULTS	Each
		• Radiolucent electrodes for Electrophysiology Studies	
		• Wet gel electrodes	
		• Should be porous and breathable	
		• Should confirm to or exceed the highest industrial standards for ECG electrodes, Quality certification from authorized agencies to be provided	
499	CAR499	DISPOSABLE SMALL ECG ELCTRODED FOR PEDIATRICS/NEONATAL USE	Each
		• Diaphoretic foam electrodes	
		• Should be pre-gelled, peel and stick electrodes with excellent adhesion	
		• Should leave no residue once removed	
		• Should confirm to or exceed the highest standards for ECG electrodes.	
500	CAR500	**SPECIAL DISPOSABLE SMALL ECG ELCTRODED FOR PEDIATRICS/ NEONATAL USE**	Each
		• For long-term use (up to 48-72 hrs)	
		• Wet gel electrodes	
		• Should be porous and breathable	
		• Should be washable	
		• Should confirm to or exceed the highest industrial standards for ECG electrodes	
		• Quality certification from authorized agencies to be provided	
501	CAR501	ITEM NO.6: SPECIAL RADIOLUCENT SMALL DISPOSABLE ECG ELECTRODES FOR PEDIATRIC/NEONATAL USE	Each
		• Radiolucent electrodes for Electrophysiology Studies	
		• Wet gel electrodes	
		• Should be porous and breathable	
		• Should conform to or exceed the highest industrial standards for ECG electrodes, Quality certification agencies to be provided	
502	CAR502	**SKIN PREPARATION GEL FOR ECG ELECTRODES APPLICATION**	Each
•	•	• Should meet highest medical industrial standards	
•	•	• Quality certification should be provided from authorized agencies	
503	CAR503	**INTERVASCULAR RETRIEVER – MICROSNARE: VERY SMALL DIAMETER (2MM) ('GOOSENECK' TYPE)**	Each

		Microsnare kit should include	
•	•	• A microsnare, compatible micro-catheter, micro-catheter introducer and a torque device	
•	•	• Should have nitinol shaft	
•	•	• Should have 90 degree preformed snare loop	
•	•	• Variable sizes 2 mm)	
•	•	• Should be compatible with 0.014 inch wire	
504	**CAR504**	**INTERVASCULAR RETRIEVER – MICROSNARE: SMALL DIAMETER (3-4 MM) ('GOOSENECK' TYPE)**	Each
		Microsnare kit should include	
		• A microsnare, compatible micro-catheter, micro-catheter introducer and a torque device	
		• Should have nitinol shaft	
		• Should have 90 degree preformed snare loop	
		• Variable sizes 2-3 mm)	
		• Should be compatible with 0.014 inch wire	
505	CAR505	**INTERVASCULAR RETRIEVER – SNARE: STANDARD DIAMETER (5-20 MM) ('GOOSENECK' TYPE)**	Each
		Snare kit should include	
•	•	• A snare and its compatible sheath	
•	•	• Should have nitinol shaft	
•	•	• Should have 90 degree preformed snare loop	
•	•	• Variable sizes of loop (5-20mm)	
506	CAR506	**INTERVASCULAR RETRIEVER – SNARE: LARGE DIAMETER (20-40 MM) ('GOOSENECK' TYPE)**	Each
		Snare kit should include	
		• A snare and its compatible sheath	
		• Should have nitinol shaft	
		• Should have 90 degree preformed snare loop	
		• Variable sizes of loop (20-40 mm)	
507	CAR507	**INTERVASCULAR RETRIEVER- BASKET**	Each
		Set should include	
		• Basket retriever and its catheter	
		• Should be available in all sizes	
508	CAR508	**INTERVASCULAR RETRIEVER- SNARE – TWO LOOPS ('GOOSENECK' TYPE)**	Each
		• The loop should come out perpendicular to each other	
		• Available in various sizes	
509	CAR509	**INTERVASCULAR RETRIEVER- SNARE – THREE OR MORE LOOPS ('GOOSENECK' TYPE)**	Each
		• These loops should come out at simultaneously at an angle o each other	
		• Available in various sizes	
510	CAR510	**INTERVASCULAR RETRIEVER- SNARE OF VARIOUS SIZES WITH SINGLE FOLDABLE LOOP**	Each
		• The loop should fold at midpoint once passed out in catheter	
511	CAR511	**INTERVASCULAR SNARE OF VARIOUS SIZES-FDA APPROVED**	Each
		• Should be available in various sizes	
512	CAR512	**INTERVASCULAR SNARE OF VARIOUS SIZES-CE APPROVED**	Each
		• Should be available in various sizes	

513	CAR513	**INTERVASCULAR SNARE OF VARIOUS SIZES- APPROVED BY DGCI**	Each
		• Should be available in various sizes	
514	CAR514	INTERVASCULAR RETRIEVER GRASPING FORCEPS	Each
515	CAR515	INTERVASCULAR RETRIEVER GRASPING MICRO--FORCEPS	Each
		PACING CATHETERS	
516	CAR516	TEMPRARY PACING LEADS; 4 FR TO 7 FR (FDA APPROVED)	Each
517	CAR517	TEMPRARY PACING LEADS; 4 FR TO 7 FR (CE APPROVED)	Each
518	CAR518	TEMPRARY PACING LEADS; 4 FR TO 7 FR (DCGI APPROVED)	Each
519	CAR519	TEMPRARY PACING LEADS: WOVEN	Each
520	CAR520	TEMPRARY PACING LEADS; BALLOON FLOATABLE	Each
521	CAR521	BIPOLAR PACING CATHETER WITH CENTRAL LUMEN:	Each
		• 0.038 wire compatible, variable length	
522	CAR522	SCREW- IN BIPOLAR TEMPRARY PACING LEAD≥65CM	Each
523	CAR523	TEMPORARY LEAD FOR INTERNAL CARDIOVERSION	Each
524	CAR524	PACING CATHETER WITH ANGIOGRAPHIC CAPABILITY:	Each
		• Al sizes, bipolar and quadripolar lead, appropriate cables	
525	CAR525	TEMPRARY TRANSESOPHGEAL PACING LEAD	Each
		• With appropriate connectors for pacing from externalpacemaker	
		SHEATHS	
526	CAR526	PREFACED VALUED LONG SHEATHS FOR RF ABLATION WITH MULLINS CURVE, MULTIPURPOSE CURVE, OTHER CURVES,7F TO 9F, ATLEAST 80 CM LONG,0.035 WIRE COMPATIBLE	Each
527	CAR527	BRITE TIP INTERVENTION SHEATH WITH TIP VISULIZATION, KINK RESISTANT, COLD SHAPABLE WITH SILICON COATING	Each
528	CAR528	INTRODUCER SHEATHS FOR ELECTROPHYSIOLOGY, WITH VARIOUS SWARTZ CURVES SL 0-4, SR 0-4, 8 FR, 8.5 FR, 9 FR	Each
529	CAR529	MULTIPORT CATHETER INTRODUCER SHEATHS	Each
530	CAR530	3-D BRANDED STEERABLE GUIDING INTRODUCER SHEATH, SUPPORTING TRANSSEPTAL CROSSING, ATRIAL ABLATION PROCEDURES, WITH ONE DEVICE DELIVERY SYSTEM HAVING ALL 8 STEERING CURVES (SL AND SR), CAN ACCOMMODATE MULTIPLE SHEATH SIZES	Each
531	CAR531	BIDIRECTONAL, STEERABLE LONG SHEATHS WITH VARIABLE REACH, AUTOLOCK (8 FR, 8.5 FR, 9 FR)	Each
532	CAR532	SPECIAL SHEATH FOR ATRIAL FLUTTER ABLATION	Each
533	CAR533	INDIFFERENT REUSABLE PATCH FOR RF ABLATION WITH CONNECTOR COMPATIBLE WITH AVAILABLE STOCKERT ABLATOR	Each
534	CAR534	INDIFFERENT DISPOSABLE PATCH FOR RF ABLATION WITH CONNECTOR COMPATIBLE WITH AVAILABLE STOCKERT ABLATOR	Each
		NON-WOVEN EP DIAGNOSTIC CATHETERS	

535	CAR535	NON-WOVEN QUADRIPOLAR EP CATHETERS, NON-DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
536	CAR536	NON-WOVEN QUADRIPOLAR EP CATHETERS, NON-DEFLECTABLE, ALL CURVES, 4 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
537	CAR537	NON-WOVEN DECAPOLARPOLAR EP CATHETERS, NON-DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
538	CAR538	NON-WOVEN DECAPOLAR EP CATHETERS, NON-DEFLECTABLE, ALL CURVES, 4 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
539	CAR539	NON-WOVEN QUADRIPOLAR EP CATHETERS, DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
540	CAR540	NON-WOVEN QUADRIPOLAR EP CATHETERS, DEFLECTABLE, ALL CURVES, 4 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
541	CAR541	NON-WOVEN DECAPOLARPOLAR EP CATHETERS, DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
542	CAR542	NON-WOVEN DECAPOLARPOLAR EP CATHETERS, DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
		WOVEN EP DIAGNOSTIC CATHETERS	
543	CAR543	WOVEN QUADRIPOLAR EP CATHETERS, NON-DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
544	CAR544	WOVEN QUADRIPOLAR EP CATHETERS, NON-DEFLECTABLE, ALL CURVES, 4 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
545	CAR545	WOVEN DECAPOLARPOLAR EP CATHETERS, NON-DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
546	CAR546	WOVEN DECAPOLAR EP CATHETERS, NON-DEFLECTABLE, ALL CURVES, 4 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
547	CAR547	WOVEN QUADRIPOLAR EP CATHETERS, DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
548	CAR548	WOVEN QUADRIPOLAR EP CATHETERS, DEFLECTABLE, ALL CURVES, 4 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
549	CAR549	WOVEN DECAPOLARPOLAR EP CATHETERS, DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each
550	CAR550	WOVEN DECAPOLARPOLAR EP CATHETERS, DEFLECTABLE, ALL CURVES, 5-7 FRENCH, ALL ELECTRODE CONFIGURATION AND CONNECTOR CABLES	Each

		SPECIAL EP DIAGNOSTIC CATHETERS	
551	CAR551	DEFLECTABLE DECADUAPOLAR (20 POLES) FOR ATRIAL FLUTTER, ALL SIZES 5-7 FRENCH WITH CONNECTOR CABLES	Each
552	CAR552	CIRCULAR DIAGNOSTIC CATHETER WITH 10-15 ELECTRODES FOR PULMONARY VEINS), FIXED DIAMETER WITH CONNECTOR CABLES	Each
553	CAR553	CIRCULAR DIAGNOSTIC CATHETER WITH 20 ELECTRODES (FOR PULMONARY VEINS), FIXED DIAMETER WITH CONNECTOR CABLES	Each
554	CAR554	CIRCULAR DIAGNOSTIC CATHETER WITH 10-15 ELECTRODES (FOR PULMONARY VEINS), VARIBALE CURVE WITH CONNECTOR CABLES	Each
555	CAR555	CIRCULAR DIAGNOSTIC CATHETER WITH 20 ELECTRODES (FOR PULMONARY VEINS), VARIBALE CURVE WITH CONNECTOR CABLES	Each
556	CAR556	FRENCH MULTIPOLAR CATHETERS FOR MAPPINGN THROUGH CORONARY ARTERIES AND CORONARY VEINS WITH CONNECTOR CABLES	Each
557	CAR557	BASKET CATHETER WITH ALL ACCESSORIES	Each
558	CAR558	HEXAPOLAR/PENTAPOLAR EP CATHETERS FOR RECORDING UNIPOLAR ELECTROGRAM	Each
		ABLATION CATHETERS	
559	CAR559	REGULAR ABLATION CATHETER,2 MM, ALL CURVES WITH CONNECTOR CABLES	Each
560	CAR560	REGULAR ABLATION CATHETER, 4 MM, ALL CURVES WITH CONNECTOR CABLES	Each
561	CAR561	REGULAR ABLATION CATHETER, 8 MM, ALL CURVES WITH CONNECTOR CABLES	Each
562	CAR562	BIDIRECTIONAL ABLATION CATHETERS WITH VARIABLE REACH AND CURLES WITH CONNECTOR CABLES	Each
563	CAR563	REGULAR ABLATION CATHETER, 4MM, 5MM FRENCH, ALL CURVES WITH CONNECTOR CABLES	Each
564	CAR564	IRIGATED TIP (OPEN), ABLATION CATHETER WITH CONNECTOR CABLES	Each
565	CAR565	BIDIRECTIONAL, ABLATION CATHETER WITH CONNECTOR CABLES	Each
566	CAR566	OMNI_ DIRECTIONAL, ABLATION CATHETER WITH CONNECTOR CABLES	Each
567	CAR567	SPECIAL ABLATION CATHETERS FOR PULMONARY VEINS ISOLATION WITH CONNECTOR CABLES	Each
568	CAR568	CRYO CATHETERS (AND ACCESSORIES) FOR ABLATION OF ARRHYTHMIAS IN CHILDREN AND ADULTS	Each
569	CAR569	**SINGLE CHAMBER VVI PACEMAKER FDA APPROVED**	Each
		PERMANENT PACEMAKERS WITH all LEADS AND ACCESSORIES VVI	
		• All single Chamber modes and basic multi-programmable parameters with	

		preferably autosensing and auto-capture/output management facilities.	
		• Must have Ventricular Capture Management. Monitor the integrity of lead and switch polarity in case of issue The Size of lead should be 7F or less. The Lead must be steroid eluting and should be both bipolar and unipolar configuration	
		• Must have both active and passive fixation endocardial leads available	
		• Standard International Warranty on implantable Pulse Generator	
570	CAR570	**SINGLE CHAMBER VVIR PACEMAKER FDA APPROVED**	Each
		PERMANENT PACEMAKERS WITH ALL LEADS AND ACCESSORIES VVIR	
		• All single Chamber modes and basic multi-programmable parameters with preferably autosensing and capture management facilities	
		• Monitor the integrity of lead and switch polarity in case of issue.	
		• Must have rate response which allows rate profile optimization.	
		• Must have Ventricular Capture Management.	
		• The Size of lead should be 7F or less	
		• The Lead must be steroid eluting and should be both bipolar and unipolar configuration	
		• Must have both active and passive fixation endocardial leads available	
		• Standard International Warranty on implantable Pulse Generator	
571	CAR571	**DUAL CHAMBER DDD PACEMAKER FDA APPROVED**	Each
		PERMANENT PACEMAKERS WITH ALL LEADS AND ACCESSORIES DDD.	
		• All pacing modes and basic pacing programmable parameters including hysteresis with preferably autosensing and autocapture/output management facilities.	
		• Monitor the integrity of lead and switch polarity in case of issue	
		• Must have Ventricular and Atrial Capture Management.	
		• Must minimize ventricular pacing by Search AV plus automatically.	
		• The Size of lead should be 7F or less.	
		• The Lead must be steroid eluting and should be both bipolar and unipolar configuration	
		• Must have both active and passive fixation endocardial leads available	
		• Standard International Warranty on implantable Pulse Generator	
572	CAR572	**DUAL CHAMBER DDDR PACEMAKER FDA APPROVED**	Each
		PERMANENT PACEMAKERS WITH ALL LEADS AND ACCESSORIES DDDR	
		• All pacing modes,and basic multi- programmable parameters including autosensing and capture management facilities.	
		• Monitor the integrity of lead and switch polarity in case of issue.	
		• Must minimize ventricular pacing by optimizing AV delay by search AVplus.	
		• Must have Ventricular Capture Management.	
		• The Size of lead must be 7F or less	
		• The Lead must be steroid eluting and should be both bipolar and unipolar configuration	
		• Must have both active and passive fixation endocardial leads available	
		• Standard International Warranty on implantable Pulse Generator	
573	CAR573	**FDA APPROVED 3 Tesla MRI CONDITIONAL PERMANENT**	Each
		PACEMAKERS WITH ALL LEADS AND ACCESSORIES DDDR MRI	
		• All pacing modes and basic multi- programmable parameters including hysteresis with preferably autosensing and capture management facilities.	
		• Must have full body MRI scan compatibility with all lead combinations at 3 Tesla full body without any restrictions.	

		• Size of lead must be 8F or less	
		• Monitor the integrity of lead and switch polarity in case of issue veriiricuiar pacing by minimizea ventricular pacing.	
		• Must have Ventricular and Atrial Capture Management.	
		• Must have AF prevention/suppression algorithm.	
		• The Lead must be steroid eluting and should be both bipolar and unipolar configuration	
		• Must have both active and passive fixation endocardial leads available	
		• Standard International Warranty on implantable Pulse Generator	
574	CAR574	**FDA APPROVED 3 Tesla MRI CONDITIONAL PERMANENT**	Each
		PACEMAKERS WITH ALL LEADS AND ACCESSORIES VVIR MRI	
		• All pacing modes and basic multi- programmable parameters including hysteresis with preferably autosensing and capture management facilities.	
		• Must have 3 Tesla full body MRI scan compatibility with all lead without restriction zone	
		• Size of lead must be 8F or less	
		• Monitor the integrity of lead and switch polarity in case of issue	
		• Must have Ventricular Capture Management.	
		• Must have AF prevention/suppression algorithm.	
		• The Lead must be steroid eluting and should be both bipolar and unipalar configuration	
		• Must have both active and passive fixation endocardial leads available	
		• Standard International Warranty on implantable Pulse Generator	
575	CAR575	**AICD SINGLE CHAMBER FDA APPROVED ICD WITH ALL LEADS AND ACCESSORIES**	Each
		• Single chamber	
		• All basic programmable parameters with preferably autosensing and capture management facilities.	
		• RV load must be 9f or less	
		• Must have all SVT discrimination in VF zone. .	
		• Must have morphological based SVT discrimination.	
		• Must monitor the lead integrity and notify in case of a suspected failure	
		• All basic programmable parameters with Shock;Reduction	
		• Technology comprising of T-Wave, RV-Noise discrimination features.	
		• Must have remote patient management capability.	
		• Lead should be steroid eluting	
		• Should have both active and passive fixation leads	
		• Standard International Warranty	
576	CAR576	**AlCD DUAL CHAMBER FDA APPROVED 1CD WITH ALL LEADS and ACCESSORIES**	Each
		• Dual chamber	
		• All basic programmable parameters with Shock.Reduction	
		• Technology comprising of T-Wave, RV-Noise discrimination features.	
		• A11 basic programmable parameters with preferably autosensing and capture/output management facilities.	
		• Must monitor the lead integrity and notify in case of a suspected failure	
		• RV lead must be 9F or less	
		• Must have ail SVT discrimination in vr zone.	
		• Must have morphological based SVT discrimination.	
		• Must have remote patient management capability	
		• Lead should be steroid eluting	
		• Should have both active and passive fixation leads	

		• Standard International Warranty	
577	CAR577	**ACID SINGLE CHAMBER 3 Tesla MR1 COMPATIBLE APPROVED 1CD WITH ALL LEADS and ACCESSORIES**	Each
		• Single chamber	
		• All basic programmable parameters with preferably autosensing and auto capture/output management facilities.	
		• Must have full body MRI scan compatibility at 3 Tesla without any restriction .	
		• RV lead must be 9F or less	
		• Must have all SVT discrimination in VF zone.	
		• Must have morphological based SVT discrimination.	
		• Must monitor the lead integrity and noti in case of a suspected failure	
		• All basic programmable parameters with Shock Reduction Technology comprising of T-Wave, RV-Noise discrimination features.	
		• Must have remote patient management capability.	
		• Lead should be steroid eluting	
		• Standard International Warranty	
578	CAR578	**CARDIAC RESYNCHRONISATION THERAPY (CRT-PPIVENTRICULAR PACEMAKER FDA/CE APPROVED, BIVENTRICULAR PACEMAKER WITH ATR1AL,RV,CORONARY SINUS (LV) LEADS AND ALL ACCESSORIES REQUIRED DURING IMPLANTATION**	Each
		• Must have separate programmable RV, LV lead amplitude, pulse	
		• The size of RA, RV & LV leads should be 7F or less	
		• The leads should be steroid eluting and should be bipolar and unipolar configuration	
		• Should have both active and passive fixation RA & RV endocardial	
		• Monitor the integrity of lead and switch polarity in case of issue	
		• Must have remote patient management capability.	
579	CAR579	**CARDIAC RESYNCHRONIZATION WITH DEFRIBILATION THERAPY CRT-D BIVENTRICULAR PACEMAKER + 1CD WITH ALL LEADS AND ACCESSORIES FDA APPROVED BIVENTRICULAR PACEMAKER + 1CD (COMBO DEVICE) WITH ATRIAL, RV, CORONARY SINUS (LV)LEADS AND ALL ACCESSORIES RQUIRED DURING IMPANTATION**	Each
		• Must have separate programmable RV, LV lead amplitude, pulse width and VV delay.	
		• The leads should be steroid eluting and should be both bipolar and unipolar configuration	
		• RV lead must be 9F or less .	
		• The size of RA & LV leads should be 7F or less	
		• Should have both active and passive fixation RA & RV, endocardial	
		• Monitor the integrity of lead and switch polarity in case of issue	
		• Must have SVT discrimination in VF zone.	
		• All basic programmable parameters with Shock Reduction Technology comprising of T-Wave, RV-Noise discrimination features.	
		• Must have atrial tachycardia management algorithm	
		• Must have remote patient management capability.	
		• Must monitor the lead integrity and notify in case of a suspected failure	
		• Standard International Warranty	
580	CAR580	AICD Dual CHAMBER 3 Testa MRI COMPATIBLE APPROVED ICD WITH ALL LEADS and ACCESSORIES	Each

		• Dual chamber	
		• All basic programmable parameters with preferably autosensing and auto capture/output management facilities.	
		• Must have full body MRI scan compatibility at 3 Tesla without any restriction.	
		• RV lead must be 9F or less	
		• Must have all SVT discrimination in VF zone.	
		• Must have morphological based SVT discrimination.	
		• Must monitor the lead integrity and notify in case of a suspected failure.	
		• Must have Shock Reduction technology/ Must have remote patient management capability.	
		• Lead should be steroid eluting	
		• Standard International Warranty	
581	CAR581	**CARDIAC RESYNCHRONIZATION WITH DEFRIBILATION THERAPY CRT-D 3 Tesla MRI BIVENTRICULAR PACEMAKER + lCD WITH ALL LEADS AND ACCESSORIES BIVENTRICULAR PACEMAKER + lCD (COMBO DEVICE) WITH ATRIAL, RV, CORONARY SINUS (LV)LEADS AND ALL ACCESSORIES RQUIRED DURING IMPANTATION**	Each
582	CAR582	**ENDOMYOCARDIAL BIOPSY (EMB) FORCEPS SET WITH COMPATIBLE PRE-SHAPED SHEATH**	Each
		❑ Should Include an endomyocardial biopsy forceps of 5,5-7.0 Fr Size and compatible pre-shaped introducer sheath with side arm and Its dilator	
		❑ Variable lengths and sizes	
		❑ Should be available for both for Jugular and femoral access	
583	CAR583	**ENDOMYOCARDIAL BIOPSY (EMS) FORCEPS OF 7 FRENCH SIZE FOR ADULTS**	Each
		❑ Should Include an endomyocardial biopsy forceps	
		❑ Variable lengths	
		❑ Should be available for both for jugular and femoral access	
584	CAR584	**ENDOMYOCARDIAL BIOPSY {EMB) FORCEPS OF 5.5 FRENCH SIZE FOR ADULTS**	Each
		❑ Should include an endomyocardlal biopsy forceps	
		❑ Variable lengths	
		❑ Should be available for both for jugular and femoral access	
585	CAR585	**ENDOMYOCARDIAL BIOPSY {EMB) FORCEPS OF LESS THAN 4 FRENCH SIZES**	Each
		❑ Should include an endomyocardial biopsy forceps	
		❑ Should be available for both for jugular and femoral access	
586	CAR586	**LONG SHEATH WITH SIDE ARM FOR INSERTION OF ENDOCMYOCARDIAL BIOPSY FORCEPS**	Each

		❑ Variable lengths and sizes	
		❑ Should be available for both for Jugular and femoral access El Straight/ pre-shaped curves	
		❑ Should be compatible with approved endomyocardial biopsy forceps	
587	CAR587	**LONG SHEATH WITHOUT SIDE ARM FOR INSERTION OF ENDOCMYOCARDIAL BIOPSY FORCEPS**	Each
		❑ Variable lengths and sizes	
		❑Should be available for both for jugular and femoral access	
		❑ Straight/ pre-shaped curves	
		❑- Should be compatible with approved endomyocardial biopsy forceps	
588	CAR588	INCUBATOR FOR KEEPING JELLY/FLUID WARM	Each
589	CAR589	INCUBATOR FOR KEEPING CONTRAST WARM	Each

Compatible Devices with Available Machines in Cath Lab. Govt. Medical College Jammu (The bidders may visit Cath Lab to ascertain compatibility of the following before quoting the rates after getting prior permission from the competent authority)

590	CARD590	CATHETERS AND FEMORAL PUNCTURE CLOSURE DEVICES	
591	CARD591	CATHETER-FDA APPROVED, COMPATIBLE WITH THE AVAIALBLE MACHINE IN CATH LAB	Each
592	CARD592	CATHETER-CE APPROVED, COMPATIBLE WITH THE AVAIALBLE MACHINE IN CATH LAB	Each
593	CARD593	CATHETER-DCGI APPROVED, COMPATIBLE WITH THE AVAIALBLE MACHINE IN CATH LAB	Each
594	CARD594	AL IABP CATHETER HAVING FIBEROPTIC TECHNOLOGY, COMPATABLE WITH THE AVAILABLE	Each
595	CARD595	IAL (FEMORAL) PUNCURE CLOSURE DEVICE- INTRAVASCULAR BIOABSORBABLE POLYMER BASED	Each
596	CARD596	IAL (FEMORAL) PUNCURE CLOSURE DEVICE-EXTRAVASCULAR CLIP BASED DEVICE	Each

NEUROSURGERY EQUIPMENT/INSTRUMENTS

Mandatory Parameters :

1. European CE certification body should be TUV & FDA should be US FDA.
2. Price of individual instruments should be quoted.
3. Prior demo if needed.
4. Instruments should be made from high quality surgical Grade steel i.e 410 & 420 or equivalent.
5. Instruments should have laser surface or ebonized or equivalent finish to provide appropriate reflection lowering finish.
6. Catalogue number & article number should be mentioned on each and every instrument.
7. There should be country of origin/manufacturing engraved on each and every instrument.
8. Manufacturer should have their own repair centre in India.

Sl.No.	Item code	Description	Qty required in complete set.
		Craniotomy/Cranial Set	
		Rates to be quoted on each basis.	
1	NEU001	SCALPEL HANDLE #4 135MM	2
2	NEU002	SCALPEL HANDLE #7 ENGLISH NO.5 160MM	2
3	NEU003	TISSUE FORCEPS STR 1X2 160MM	4
4	NEU004	DISSECT.FORCEPS MED.WIDE 1X2T.180MM	4
5	NEU005	WAUGH DEL.TISSUE FORCEPS 1X2 200MM	2
6	NEU006	MC'INDOE DEL THUMB FCPS SERR 150MM	2
7	NEU007	ADSON FORCEPS BAY.SHAPED 175MM	6
8	NEU008	FORCEPS BAYO 1X2 160MM	4
9	NEU009	KEY ELEVATOR 190MM 9.5MM BLADE STR	3
10	NEU010	LANGENBECK RIB RASPATORY 16MM 190MM	3
11	NEU011	ADSON ELEVATOR SHARP FLAT 8MM	3
12	NEU012	#1 PENFIELD DISSECTOR 178MM	2
13	NEU013	#2 PENFIELD DISSECTOR 197MM	2
14	NEU014	#3 PENFIELD DISSECTOR 197MM	2
15	NEU015	#4 PENFIELD DISSECTOR 203MM	2
16	NEU016	YASARGIL SPRING-HK F/GALEA FIXATIONLRG	6
17	NEU017	HOOK HANDLE F/WIRE SAWS	4
18	NEU018	GIGLI WIRE SAW FINE6-WIRES400MM	10
19	NEU019	FERGUSSON SUCT.CANN D:2.0MM WORK.L.130MM	3
20	NEU020	FERG-FRAZIER SUCT 12FR 110MM WRK-LGT	3
21	NEU021	FERGUSSON SUCT.CANN D:5.0MM WORK.L.110MM	3
22	NEU022	BACKHAUS TOWEL CLAMP 110MM	10
23	NEU023	HALSTED-MOSQUITO FORCEPS DELSTR125MM	10
24	NEU024	DANDY DELICATE FORCEPS CVD140MM	36
25	NEU025	CAIRNS ARTERY FORCEPS CVD.150MM	10
26	NEU026	CAIRNS FCPS CVD 150MM	10
27	NEU027	ALLIS FORCEPS 5X6 155MM	10
28	NEU028	KOCHER-OCHSNER FORCEPS CVD 1X2 200MM	4
29	NEU029	HUDSON DRILL BRACE F/FF055R	2

30	NEU030	HUDSON CEREBELLAR ATTACHMENT F/FF055R	2
31	NEU031	CUSHING FLAT DRILL 14MM DIA	8
32	NEU032	DEMARTEL CONDF/WIRE SAWSFLEX350MM	8
33	NEU033	VENTRICULAR CANNULA CUSHING	4
34	NEU034	TC CRILE-WOOD NDL HLDRSTRSERR 145MM	6
35	NEU035	TC CRILE-WOOD NDL HLDRSTD SERR185MM	6
36	NEU036	TC CRILE-WOOD NDL HLDRSTD SERR 200MM	6
37	NEU037	MAYO SCISSORS STR 155MM	6
38	NEU038	METZENBAUM SCISSORS STR 200MM	6
39	NEU039	METZENBAUM SCISSORS CVD 200MM	6
40	NEU040	JANSEN RETRACTOR 3X3 BLUNT100MM	6
41	NEU041	WEITLANER RETRACTOR 3X4 SEMI-S 165MM	6
42	NEU042	COLLIN SPONGE FORCEPS STR242MM	2
43	NEU043	FOERSTER-BALLENGR SPNG FCPSERSTR180MM	2
44	NEU044	KIDNEY TRAY 275MM 750ML	2
45	NEU045	LABORATORY DISH 2.5 L	2
46	NEU046	BUNT SAFETY PIN F/RING-HDL INST 105MM	4
47	NEU047	CLIP APPLIER FORC.MEDIUM 203MM 25°	2
48	NEU048	ABDOMINAL BLD.RETRACTOR MALEAB.12X200MM	4
49	NEU049	ABDOMINAL BLD.RETRACTOR MALEAB.25X250MM	4
50	NEU050	BRAIN SPATULA SIZE M	4
51	NEU051	GILLIES DISSECT.FORCEPS W/O T.150MM	4
52	NEU052	GILLIES TISSUE FORCEPS DEL 1X2 155MM	4
53	NEU053	ROETTGEN-RUSKIN BONE RONGEUR 240MM	2
54	NEU054	RUSKIN BONE RONGEUR CVD 190MM	2
55	NEU055	BEYER BONE RONGEUR CVD DBL-ACT180MM	2
56	NEU056	PENNYBACKER RONGEUR 203MM	6
57	NEU057	CASPAR RONGEURSTRSERR 4X14MM160MM	6
58	NEU058	KERRISON BLK COATED 130 UP 200X2MM REG	2
59	NEU059	KERRISON BLK COATED 130 UP 200X3MM REG	2
60	NEU060	KERRISON BLK COATED 130 UP 200X4MM REG	2
61	NEU061	KERRISON 130DG-DWN 2MM 180MM	2
62	NEU062	KERRISON 130DG-DWN 3MM 180MM	2
63	NEU063	KERRISON 130DG-DWN 4MM 180MM	2

64	NEU064	YASARGIL BIPOLAR FORCEPS 1.0X75/195MM	6
65	NEU065	SCHMIEDEN-TAYLOR DURA SCISSORS 155MM	2
66	NEU066	STRULLY SCISSORS S/S CVD 220MM	4
67	NEU067	BABY-SENN-MILLER RECTOR.SH.8X7/22X7MM	4
68	NEU068	SENN-MILLER RECTOR.SH.8X7/18X5.5MM	4
69	NEU069	TUNNELING INSTRUMENT 300MM	2
70	NEU070	TUNNELING INSTRUMENT 600MM	2
71	NEU071	FERG-FRAZIER SUCT 6FR 2/110MM WRK-LGTH	2
72	NEU072	WEITLANER RETRACTOR 3X4T.BL.165MM	4
73	NEU073	WEITLANER RETRACTOR 2X3T.BL.110MM	2
74	NEU074	TWIST DRILL 2MM DIA	2
75	NEU075	YASARGIL MICRO FORCEPS 3MM MOUTH 200MM	4
76	NEU076	YASARGIL MICRO FORCEPS 5MM MOUTH 200MM	2
77	NEU077	HUDSON BURR 9MM DIA	6
78	NEU078	HUDSON BURR 14MM DIA	6
79	NEU079	HUDSON SPHERICAL BURR 16MM DIA	6
80	NEU080	HUDSON SPHERICAL BURR 22MM DIA	6
81	NEU081	DAHLGREN SKULL PUNCH W/2 X-HOOKS210MM	6
82	NEU082	GIGLI WIRE SAW FINE 6-WIRES500MM	10
83	NEU083	NEEDLEHOLDER 0.4/180MM	2
84	NEU084	MIC.NEEDLE HOLDER RD.HDL.200MM	2
85	NEU085	NDL HLDR SERR 0.2/180MM	2
86	NEU086	CASTROV.NDL HLDR SERR 0.2/145MM	2
87	NEU087	YASARGIL MICROFORM BAYO FCPS .6MM180MM	2
88	NEU088	YASARGIL MICROFORM BAYO FCPS.6MM200MM	2
89	NEU089	YASARGIL MICROFORM BAYO FCPS.6MM220MM	2
90	NEU090	YAS.MICRO SCISSDELBAYOSTS/S225MM	2
91	NEU091	YAS.MICRO SCISS BAYOUP-CVDS/S225MM	2
92	NEU092	YASARGIL MICRO SCISSORS UP-CVD245MM	2
93	NEU093	YASARGIL MICRO SCISS BAYO STR 200MM	2

94	NEU094	YASARGIL MICRO SCISS.BAYOUP-CVD200MM	2
95	NEU095	ADSON FORCEPS SERR 120MM	2
96	NEU096	ADSON TS FCPS FEN-HDL SER 1X2T.120MM	2
		LEYLA RETRACTOR	
97	NEU097	ADAPTER F/OR TABLE W/BALL/SOCKET JOINT	1
98	NEU098	HOLDING ROD F/FF280R-84R	1
99	NEU099	COUPLING HEAD F/1-5 FLEX ARMS FF270R	1
100	NEU100	COUPLING HEAD LAT OPEN	1
101	NEU101	FIXATION BASE SKULL MOUNT F/2 FF 270R	1
102	NEU102	FIXATION BASE BAR MOUNT F/1 FF270R	1
103	NEU103	YASARGIL FLEX ARMF/COUPLING HAEDS&BASES	2
104	NEU104	FLEX ARM SUPPORT F/FLAT BRAIN SPATULAS	2
105	NEU105	ABDOMINAL BLD. RETRACTORMALEAB. 12X200MM	1
106	NEU106	ABDOMINAL BLD. RETRACTORMALEAB. 17X200MM	1
107	NEU107	BRAIN SPATULA RND MALL 14MM200MM	1
108	NEU108	BRAIN SPATULA RND MALL 17MM200MM	1
109	NEU109	BRAIN SPATULA RND MALL 20MM200MM	1
110	NEU110	HEIFETZ SPATULA RND MALL 11MM153MM	1
111	NEU111	HEIFETZ SPATULA RND MALL 8MM153MM	1
		NON REFLECTING TAPERING BRAIN SPATULA	
112	NEU112	BRAIN SPATULA SIZE S	2
113	NEU113	BRAIN SPATULA SIZE M	2
114	NEU114	BRAIN SPATULA SIZE L	2
115	NEU115	BRAIN SPATULA SIZE XL	2
		TRANSPHENOIDAL PITUITARY SET	
116	NEU116	BIPOLAR FRCP W/IRRIG CHANNEL .7MM205MM	1
117	NEU117	KILLIAN SEPTUM SPECULUM SCREW 56X7MM	1
118	NEU118	KILLIAN SEPTUM SPECULUM SCREW 70X7MM	1
119	NEU119	HARDY DISSECTOR BLUNT/RIGHT 245MM	1
120	NEU120	HARDY DISSECTOR SHARP/RIGHT 245MM	1

121	NEU121	SCALPEL HANDLE OFFSET 210MM NO.3	1
122	NEU122	SCALPEL HANDLE OFFSET 210MM NO.3	1
123	NEU123	HARDY DISS DWN SHARP 245MM	1
124	NEU124	HARDY DISS DWN SHARP 245MM	1
125	NEU125	HARDY DISSECTOR BLUNT/RIGHT 245MM	1
126	NEU126	HARDY DISSECTOR BLUNT/RIGHT 245MM	1
127	NEU127	LANDOLT CURETTE MALL RND-TIP260MM	1
128	NEU128	HARDY IMPLANT HYPOPHYSEC 245MM	1
129	NEU129	HARDY DISSECTOR BLUNT/RIGHT 245MM	1
130	NEU130	CURETTE HARDY BAYONET D:6MM	1
131	NEU131	HARDY CURETTE MALL D:6/260MM	1
132	NEU132	NICOLA CURETTE MALL RT-CUT 260MM	1
133	NEU133	HUDSON SPHERICAL BURR 22MM DIA	1
134	NEU134	ADSON PERFORATING BURR 15MM DIA	1
135	NEU135	NICOLA CURETTE MALL LFT-CUT 260MM	1
136	NEU136	LANDOLT CURETTE MALL RND-TIP260MM	1
137	NEU137	CURETTE HARDY BAYONET D:4MM	1
138	NEU138	HARDY CURETTE MALL D:4/260MM	1
139	NEU139	CURETTE HARDY BAYONET D:4MM	1
140	NEU140	CURETTE HARDY BAYONET D:4MM	1
141	NEU141	CUSHING-LANDOLT SPECULUM 70X15MM	1
142	NEU142	CUSHING-LANDOLT SPECULUM 110X15MM	1
143	NEU143	CUSHING-LANDOLT SPECULUM 110X15MM	1
		Spinal Instrument Set (Basic Set)	
1	NEU144	SCALPEL HANDLE #4 135MM	2
2	NEU145	SCALPEL HANDEL #3L	2
3	NEU146	SCALPEL HANDLE #7 ENGLISH NO.5 160MM	2
4	NEU147	MC'INDOE TISSUE FORCEPS DEL 1X2 150MM	2
5	NEU148	GERALD TISSUE FCPS STR 1X2 175MM	2
6	NEU149	WAUGH DEL.TISSUE FORCEPS 1X2 180MM	2

7	NEU150	ADSON FORCEPS BAY.SHAPED 175MM	2
8	NEU151	ADSON DELICATE FORCEPS CVD 185MM	2
9	NEU152	#1 PENFIELD DISSECTOR 178MM	2
10	NEU153	#2 PENFIELD DISSECTOR 197MM	2
11	NEU154	#3 PENFIELD DISSECTOR 197MM	2
12	NEU155	#4 PENFIELD DISSECTOR 203MM	2
13	NEU156	BACKHAUS TOWEL CLAMP 110MM	10
14	NEU157	HALSTED-MOSQUITO FORCEPS DEL CVD125MM	6
15	NEU158	CAIRNS ARTERY FORCEPS CVD.150MM	5
16	NEU159	ALLIS FORCEPS 5X6 155MM	6
17	NEU160	KOCHER-OCHSNER FORCEPS CVD 1X2 200MM	4
18	NEU161	TC DE'BAKEY NEEDLE HOLDERDELSERR210MM	2
19	NEU162	TC MAYO-HEGAR NDL HOLDERHVYSERR205MM	2
20	NEU163	TC MAYO-HEGAR NDL HOLDERHVYSERR185MM	2
21	NEU164	TC METZENBAUM SCISSORS CVD 145MM	2
22	NEU165	TC METZENBAUM SCISSORS DEL STR 180MM	2
23	NEU166	MAYO SCISSORS STR 190MM	2
24	NEU167	MAYO SCISSORS CVD 190MM	2
25	NEU168	ANDERSON-ADSON RETR 4X4 SHARP 190MM	4
26	NEU169	WEITLANER RETRACTOR 3X4 SEMI-S 165MM	4
27	NEU170	WEITLANER RETRACTOR 3X4T.BL.130MM	4
28	NEU171	LANGENBECK RETRACTOROPEN28X10MM209MM	4
29	NEU172	LANGENBECK RETRACTOR 33X14MM 210MM	4
30	NEU173	CASPAR LONGUS COLLI MUSCLE DISSECTOR	2
31	NEU174	KIDNEY TRAY 275MM 750ML	2
32	NEU175	LABORATORY DISH 2.5 L	2
33	NEU176	COLLIN SPONGE FORCEPS STR242MM	4
34	NEU177	LANGENBECK RETRACTOROPEN28X10MM209MM	2
35	NEU178	KOCHER RETR 3-PRGSEMI-S16X14222MM	2
36	NEU179	VOLKMANN RETR4-PRGSEMI-S8.5X19222MM	2

37	NEU180	COTTLE MALLET FLAT/RND235G30MM185MM	2
38	NEU181	CASPAR BONE GRAFT HOLDER AND IMPACTOR	2
39	NEU182	CERV BAYT STYLE CURETTE FS 213MM	1
40	NEU183	CERV BAYT STYLE CURETTE FA 213MM	1
41	NEU184	CERV BAYT STYLE CURETTE BA 213MM	1
42	NEU185	CERV BAYT STYLE CURETTE FS 213MM	1
43	NEU186	CERV BAYT STYLE CURETTE FA 213MM	1
44	NEU187	CERV BAYT STYLE CURETTE BA 213MM	1
45	NEU188	CERV BAYT STYLE CURETTE FS 213MM	1
46	NEU189	CCR DEPTH MEASUREMENT INSTRUMENT	2
47	NEU190	CLOWARD LAMINA SPREADER 135MM	2
48	NEU191	MIXTER FORCEPS LONG-SERR220MM	2
49	NEU192	STILLE OSTEOTOME 15/205MM	2
50	NEU193	STILLE OSTEOTOME FINE CVD.15/205MM	2
51	NEU194	STILLE OSTEOTOME 10/205MM	2
52	NEU195	STILLE OSTEOTOME FINE CVD.10/205MM	2
53	NEU196	KERRISON BLK COATED 130 UP 180X1MM REG	2
54	NEU197	KERRISON BLK COATED 130 UP 200X2MM REG	2
55	NEU198	KERRISON BLK COATED 130 UP 200X3MM REG	2
56	NEU199	KERRISON BLK COATED 130 UP 200X4MM REG	2
57	NEU200	KERRISON BLK COATED 90 UP 180X1MM REG	2
58	NEU201	KERRISON BLK COATED 90 UP 180X2MM REG	2
59	NEU202	KERRISON BLK COATED 90 UP 180X3MM REG	2
60	NEU203	KERRISON BLK COATED 90 UP 180X4MM REG	2
61	NEU204	KERRISON 130DG-DWN 1MM 180MM	2
62	NEU205	KERRISON 130DG-DWN 2MM 180MM	2
63	NEU206	KERRISON 130DG-DWN 3MM 180MM	2
64	NEU207	KERRISON 130DG-DWN 4MM 180MM	2
65	NEU208	KERRISON 90DG-DWN 1MM 180MM	2
66	NEU209	KERRISON 90DG-DWN 2MM 180MM	2

67	NEU210	KERRISON 90DG-DWN 3MM 180MM	2
68	NEU211	KERRISON 90DG-DWN 4MM 180MM	2
69	NEU212	SPINE CLASSICS MLD RETRACTOR SET CPL.	1
70	NEU213	CCR TRANSVERSE RETRACTOR	2
71	NEU214	CASPAR SIDE LOAD BLADE HANDLE	1
72	NEU215	CCR BLADE FENESTRATED TI BLUNT 25X19MM	2
73	NEU216	CCR BLADE FENESTRATED TI BLUNT 35X19MM	2
74	NEU217	CCR BLADE FENESTRATED TI BLUNT 45X19MM	2
75	NEU218	CCR BLADE FENESTRATED TI BLUNT 55X19MM	2
76	NEU219	CCR BLADE FENESTRATED TI W/TH 25X19MM	2
77	NEU220	CCR BLADE FENESTRATED TI W/TH 35X19MM	2
78	NEU221	CCR BLADE FENESTRATED TI W/TH 45X19MM	2
79	NEU222	CCR BLADE FENESTRATED TI W/TH 55X19MM	2
80	NEU223	CCR BLADEFENESTRATED TI BLUNT 35X24MM	2
81	NEU224	CCR BLADEFENESTRATED TI BLUNT 45X24MM	2
82	NEU225	CCR BLADEFENESTRATED TI BLUNT 55X24MM	2
83	NEU226	CCR BLADEFENESTRATED TI BLUNT 65X24MM	2
84	NEU227	CCR BLADE FENESTRTD TI LATERAL 35X24MM	2
85	NEU228	CCR BLADE FENESTRTD TI LATERAL 45X24MM	2
86	NEU229	CCR BLADE FENESTRTD TI LATERAL 55X24MM	2
87	NEU230	CCR BLADE FENESTRTD TI LATERAL 65X24MM	2
88	NEU231	CASPAR LAMI RETRACTOR TOT W/5 BLADES	2
89	NEU232	ACTIV C DISTRACTOR F/LOCK.DISTR.SCREW RT	1
90	NEU233	ACTIV C DISTRACTOR F/LOCK.DISTR.SCREW LT	1
91	NEU234	CASPAR DRILL FOR DISTRACTION PINS	1
92	NEU235	ACTIV C SCREW DRV.F/LOCKABLE DISTR.SCRW.	1
93	NEU236	ACTIV C DISTRACTION SCREW 12MM LOCKABLE	4
94	NEU237	ACTIV C DISTRACTION SCREW 14MM LOCKABLE	4
95	NEU238	ACTIV C DISTRACTION SCREW 16MM LOCKABLE	4
96	NEU239	ACTIV C DISTRACTION SCREW 18MM LOCKABLE	4

97	NEU240	STILLE CHISEL 25/205MM	2
98	NEU241	STILLE CHISEL 20/205MM	2
99	NEU242	STILLE CHISEL 12/205MM	2
100	NEU243	COTTLE CHISEL/OSTEOTOMEW/MRK7MM178MM	2
101	NEU244	COTTLE CHISL/OSTEO.W/DPTH-MRK4MM178MM	2
102	NEU245	SHARP BONE CURETTE # 000STR3.6MM250MM	2
103	NEU246	SHARP BONE CURETTE # 0 STR 5.2MM250MM	2
104	NEU247	SHARP BONE CUR#000FWD-ANG3.6MM250MM	2
105	NEU248	SHARP BONE CURETTE#0FWD-ANG5.2MM250MM	2
106	NEU249	BUSHE BONE CURETTE REV-ANG 3MM254MM	2
107	NEU250	BUSHE BONE CURETTE REV-ANG 5MM254MM	2
108	NEU251	JACOBSON PROBE W/BALL-TIP185MM	2
109	NEU252	CASPAR EXPLORATION HOOKLONG-TIP245MM	2
110	NEU253	LISTON-KEY-HORSLEY BNE-CUTTING FCP254MM	2
111	NEU254	CASPAR OSTEOPHYTE RONGHV-DTY4MM180MM	2
112	NEU255	LEKSELL-STILLE BONE RONGEUR 240MM	2
113	NEU256	STILLE BONE RONGEUR230MM	2
114	NEU257	ECHLIN BONE RONGEURJAW 2X10MM 230MM	2
115	NEU258	LEKSELL RONG FCPSDBACT.CVD 245MM	2
116	NEU259	CASPAR RONGEUR STR 3MM 155MM	2
117	NEU260	CASPAR RONGEUR UP-BITE 3MM155MM	2
118	NEU261	CASPAR RONGEUR DWN-BITE 3MM 155MM	2
119	NEU262	CASPAR RONGEUR STR 4MM 155MM	2
120	NEU263	CASPAR RONGEUR UP-BITE 4MM 155MM	2
121	NEU264	CASPAR RONGEUR DWN-BITE 4MM 155MM	2
122	NEU265	CASPAR RONGEUR STR 2MM 155MM	2
123	NEU266	LOVE NERVE ROOT RETRACTOR 45°ANG.220MM	2
124	NEU267	ADSON FORCEPS SERR 120MM	2
125	NEU268	ADSON DISSECT.FORCEPS W/O T.180MM	2
126	NEU269	JEFFERSON FORCEPS 180MM	2

127	NEU270	RASPATORIES (DUROGRIP) RASP, DOUBLE ENDED	2
128	NEU271	SEDILLOT 8.5"	2
129	NEU272	MITCHELL 8.5"	2
		PERIOSTEAL ELEVATORS	
130	NEU273	PENNYBACKER 6.4 "	2
131	NEU274	JANSEN 6.5 "	2
132	NEU275	COTTILE 8"	2
133	NEU276	FREER 7.5"	2
134	NEU277	TUMOR FORCEPS HUNT 8"	2
135	NEU278	YASARGIL 8"	2
136	NEU279	YASARGIL 6.5"	2
137	NEU280	SUCTION CANNULA FERGUSSON 1.5 MM	2
138	NEU281	FERGUSSON 2 MM	2
139	NEU282	FERGUSSON 3 MM	2
140	NEU283	FERGUSSON 4 MM	2
141	NEU284	FERGUSSON 5 MM	2
		LUMBER MICRODISSECTOMY SET	
1	NEU285	BACKHAUS TOWEL CLAMP 90MM	4
2	NEU286	BACKHAUS TOWEL CLAMP 135MM	4
3	NEU287	KOCHER-OCHSNER FORCEPS STR 1X2 200MM	1
4	NEU288	KOCHER-OCHSNER FORCEPS CVD 1X2 200MM	1
5	NEU289	SCALPEL HANDLE #3	1
6	NEU290	SCALPEL HANDLE #4	1
7	NEU291	ADSON ELEVATOR SHARP FLAT 8MM	1
8	NEU292	ADSON ELEVATOR BLUNT CVD 7MM	1
9	NEU293	ADSON ELEVATOR SHARP CVD 7MM	1
10	NEU294	ADSON ELEVATOR SHARP RND 7MM	1
11	NEU295	FERGUSSON SUCT. CANN D:2.5MM WORK.L.200MM	1
12	NEU296	FERGUSSON SUCT. CANN D:3.0MM WORK.L.200MM	1
13	NEU297	FERGUSSON SUCT. CANN D:4.0MM WORK.L.200MM	1

14	NEU298	TC MAYO SCISSOR STR 140MM	1
15	NEU299	TC MAYO SCISSOR CVD 140MM	1
16	NEU300	TC METZENBAUM SCISSORS STR 145MM	1
17	NEU301	TC METZENBAUM SCISSORS CVD 145MM	1
18	NEU302	TC METZENBAUM SCISSORS CVD 180MM	1
19	NEU303	CUSHING TISSUE FORCEPS 1X2 178MM	1
20	NEU304	WAUGH DEL.TISSUE FORCEPS 1X2 200MM	1
21	NEU305	ADSON FORCEPS BAY.SHAPED 175MM	1
22	NEU306	GRUENWALD FORCEPS BAYO SERR 200MM	1
23	NEU307	ADSON FORCEPS BAY SHAPED 175MM	1
24	NEU308	GRUENWALD FORCEPS BAYO SERR 200MM	1
25	NEU309	FORCEPS BAYO SMOOTH 185MM	1
26	NEU310	LANGENBECK RETRACTOR 40X10MM	1
27	NEU311	LANGENBECK RETRACTOR 40X13MM 210MM	1
28	NEU312	LANGENBECK RETRACTOR 63X20MM 210MM	1
		MICRONEUROSURGERY SET	
1	NEU313	KRAYENBUEHL NERV HKSHRTBALL-TIP 184MM	1
2	NEU314	KRAYENBUEHL NERV/VESSEL HKSHRTBALL-TIP 184MM	1
3	NEU315	CASPAR DISSECTOR UP-CVD 1/210MM	1
4	NEU316	CASPAR MICRO-DISSDWN-CVD 2.0MM229MM	1
5	NEU317	BENNETT BONE LEVER 235MM	1
6	NEU318	IRIS FORCEPS X-FINE 1X2 STR 100MM	1
7	NEU319	IRIS FORCEPS X-FINE 1X2 HALF-CVD100MM	1
8	NEU320	YAS.MICRO SCISSDELBAYOSTS/S225MM	1
9	NEU321	YAS.MICRO SCISSDELBAYOUP-CVDS/S225MM	1
10	NEU322	YAS.MICRO SCISSDELBAYOSTS/S225MM	1
11	NEU323	YASARGIL MICRO SCISSORS UP-CVD245MM	1
12	NEU324	MICRO-NEEDLE HLDR STR FLAT-HDL 184MM	1
13	NEU325	MICRO-NEEDLE HLDR CVD FLAT-HDL 184MM	1
14	NEU326	YAS. MICRO SCISS BAYOUP-CVDS/S225MM	1

15	NEU327	YASAR MICROFORM BAYO FCPS. 6MM240MM	1
16	NEU328	YASAR MICROFORM BAYO FCPS. 9MM240MM	1
17	NEU329	MICROFORM TUMOR FORCEPS 3MM 240MM	1
18	NEU330	YASARGIL TUMOR FORCEPS 5MM220MM	1
19	NEU331	OPPEL MICRO FRCPSTRMALLCUP-SHP153MM	1
20	NEU332	NICOLA FCPS SCOOP-SHP2 5MM DIA 165MM	1
21	NEU333	MICRO-ADSON FORCEPS SERR 120MM	1
22	NEU334	SCISSORS STR. LENGTH OF SHAFT 165MM	1
23	NEU335	SAMII KNIFEF/TUMOR TISSUE 1.5MM 230MM	1
24	NEU336	SUCTION CANNULA BARRON 1MM	2
25	NEU337	SUCTION CANNULA BARRON 2MM	2
26	NEU338	MICRO-NEEDLE HLDR CVD RND-HDL 185MM	1
27	NEU339	YASARGIL MICRO SCISSORS STR 185MM	1
28	NEU340	JACOBSON MICRO SCISSORS CVD185MM	1
29	NEU341	MICRO SCISSORS 60° FINE165MM	1
30	NEU342	RND BODY SUTURE FORCEPSCVD 0.6MM180MM	1
31	NEU343	ALM RETRACTOR 4X4T. SHARP 70MM	1
32	NEU344	ALM RETRACTOR 4X4T. SHARP 100MM	1
1	NEU345	**Ultrasonic Dissector Aspirator Unit** **Specifications**	
		i. The unit should be light weight & portable on trolley ii. US FDA approved certificate to be enclosed. iii. Unit & hand pieces should not get heated during continuous use. No extra cooling system should be required. iv. Inbuilt suction system with vacuum 0.0-0.9 bar minimum. v. Irrigation capacity 0-160 ml per min minimum. vi. Power input 220 -240 volt AC vii. Light weight with detachable cable for quick and easy change during surgery. viii. Hand pieces should be autoclavable. ix. Based on PIEZO electric or magneto restrictive technology. x. Resonance frequency to be in range of 24-45 KHz. **Attachments required (mandatory) :** i. Standard & neurosurgical hand pieces & tips. ii. Endoscopic hand piece to have working frequency 35 KHz (to be use via Neuro-endoscopic system with working channel of 3 mm) iii. Hand piece with tips for Bony hard/tough tumours.	Each

		iv. Microsurgical hand piece with its compatible tips. **Accessories (mandatory)** i. Sterilization tray. ii. Suction bottle & suction refill bags. iii. Foot switch. iv. Cleaning brushes. v. Trolley for console. vi. Gallons for irrigation bottle.	
2	NEU346	**Intra Operative 3D Ultrasonography Machine** i. The machine should have various function mode viz A, B, C & D Modes. ii. Capability for 3D reconstruction of images. iii. Colour Duplex sonography (2D) iv. Additional 2 MHz probe for transcranial insonation (TCD studies) v. Compatible for integration with Neuro navigation system/Brain Lab open platform technology. vi. Transducers : - a). Phased array –small phased rectangular acoustic lens and area of contract 20-25 mm. b). Burr hole transducers (less than 12 mm diameter) c). Convax array transducers.	Each
3.	NEU347	**Specification for Adjustable Operating Chairs** 9. Fully adjustable seat with foot controlled hydraulic 3 spindles base for better control & pedal access. 10. Adjustable arm rests. 11. Adjustable contoured back rest. 12. Height range with risk kit 23" – 30.5". 13. Multiple seat configuration availability. 14. Front end locking system. 15. Weight capacity 300 lbs. 16. Seat configuration: - Saddle/wedge/tear drop. **17.** Installation of the equipment in OT & onsite training of OT staff by competent personnel.	Each
4.	NEU348	**Neurosurgical Diathermy Unit with Accessories** The micro processor based isolated electro surgical diathermy unit should be compatible with Argon coagulation system, designed for all open surgeries with monopolar and bipolar modes available. **The following features are required** 1. Highest power efficiency rating-have to be within the range more than 90%. 2. Real time tissue types reducing thermal spread, RF interference and Neuro muscular stimulation and sparks. 3. Return electrode contact quality monitoring (REM) system with adaptive REM facility. 4. Facilitating two surgeons at a time using in a surgery. 5. Numeric Error system should be inbuilt. 6. With a single button, previous power setting can be recalled. 7. Type CF equivalent (IEC 601-1 & IEC 601-2-2) Defibrillator proof. 8. US FDA and European CE certified. 9. Facilitating under water cutting with coagulating. 10. Spray mode with highest * Crest Factor (7-9) – (* Crest factor as an indicator of a waveform's ability to coagulate bleeders without cutting effect). 11. There should be sufficient coag modes to be present for all	Each

		applications (preferably 4 coag modes) 12. Must be compatible with smoke evacuator system, Argon Plasma Coagulator System and CUSA. **Input Power Source :** Operating Range : 170-260 VAC Line Frequency : 50-60 Hz. **Minimum High Frequency Leakage** Bipolar Less than 60 mA Monopolar Less than 150 mA **Output Characteristics** It should maintain the international standard. **Accessories (Mandatory – Rate to be quoted alongwith item)** 1. Dual pedal monopolar footswitches for CUT and Coag activation. 2. Bipolar footswitch. 3. 2 button electrosurgical hand switching pencil Blade electrode wand with necessary connecting cable : 20 pcs. 4. Patient return electrode with adaptive monitoring facilities – 24 pcs. 5. Bipolar forceps with connecting cord (Bayonet Shape) – 06 pcs. 6. Universal active adaptor for LAP and under cutting surgeries. 7. Ball Coagulating electrode – 04 pcs 8. Sharp needle electrode – 04 pcs. 9. Extended needle electrode for deeper approach – 04 pcs. 10. Loop Electrode – 10 pcs.	

Laparoscopy Instruments

S.No.	Code No.	Laparoscopy Instruments	On each basis
1.	GSIL01	Veress Needle for pneumoperitoneum 12 cm	Each
2.	GSIL02	Veress Needle for pneumoperitoneum 15 cm	Each
3.	GSIL03	Trocar set complete 10 MM x110 MM with CO2 port	Each
4	GSIL04	Trocar set complete 5.5x110 mm	Each
5	GSIL05	Trocar tri tip with safety reducer 11x110 mm	Each
6.	GSIL06	Flap valve (waschels) for 5.5 mm trocar (20/pack)	Each pack
7	GSIL07	Flap valve (waschels) for 10 mm trocar (20/pack)	Each pack
8	GSIL08	Meryland dissector ; 5 mm x31-36 cm with cautery pin	Each
9	GSIL09	Grasping forceps (fundal) ; 5 mm x 31-36 cm	Each
10	GSIL10	Grasping forceps (toothed) 5 mmx31-36 cm	Each
11	GSIL11	Grasping forceps (claw) 5 mmx31-36 cm	Each
12	GSIL12	Babcocks forceps 5 mm x31-36 cm	Each
13	GSIL13	Metzenbaum Scissors (curved & cautery pin) 5 mm x31-36 cm	Each
14	GSIL14	Bowel grasper 5 mm x 31-36 cm FEN 20 mm	Each
15	GSIL15	Durogrip needle holder straight ; 5 mm x31-36 cm	Each
16	GSIL16	Hook 5 mm x31-36 cm (ceramic electrode L tip)	Each
17	GSIL17	Spatula 5 mm x31-35 cm with cautery pin	Each
18	GSIL18	Suction irrigation canulla 5 mmx31-36 cm	Each
19	GSIL19	Monopolar cable 12 feet.	Each