



**JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL
EDUCATION & RESEARCH (JIPMER)**



GOVERNMENT OF INDIA

(An Institution of National Importance under Ministry of Health & Family Welfare) Dhanvantri
Nagar, Puducherry-605006

**OPEN TENDER
ENQUIRY DOCUMENT
FOR
RATE CONTRACT
FOR
SUPPLY OF CONSUMABLES/NON-CONSUMABLES
FOR
DEPARTMENT OF
Neurosurgery**

(This document consisting of **58** pages)

**JIPMER,
DHANVANTARI NAGAR,
PUDUCHERRY 605006**

Phone: - 0413-2296016/15/47 ; Fax:- 0413-2272067/66

Email: jipmer.neurosurgery@gmail.com URL: - www.jipmer.edu.in

INDEX

Section	Topic	Page No.
Section-I	Notice inviting Tender (NIT)	03
Section-II	Schedule of Requirements and Specifications	05
Section-III	General Instructions to Tenderers (GIT)	40
Section-IV	General Conditions of Contract (GCC)	49
Section-V	Bid Application Form	51
Section-VI	Manufacturer's Authorization Form	52
Section-VII	Tender Form	53
Section-VIII	Check list for Submission of Tender	54
Section-IX	Bid Security Declaration	55
Appendix-A	Self-certification format for claiming purchase preference under the "Public Procurement preference to Make in India" order	56
Section-X	GFR-144 (xi) compliance certificate	58

SECTION-I

JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH PUDUCHERRY – 6

(Institution of National Importance under the Ministry of Health & Family Welfare,
Govt. of India)

Purchase Section

No. JIP/PUR6(1)/OeT/NeuroSurg/2021-22

Dated: 20.07.2021

NOTICE INVITING e-TENDER (e-NIT)

Sub: Supply of Consumables / Non-Consumables

E- tenders are invited from eligible and qualified domestic manufacturer's or their distributors for the RATE CONTRACT for supply of CONSUMABLES/NON-CONSUMABLES for the Department of **Neurosurgery** for 2021– 22.

1. Scope of work: Supply of consumables/non-consumables for the Department of Neurosurgery
2. Value of tender: Approximate Cost **Rs. 1,00,00,000**
3. Tender timelines:
 - i. Opening date & time for download of Tender document: **06.00 PM on 20.07.2021**
 - ii. Last date for receipt of pre-bid queries: **12.00 Noon on 24.07.2021**
 - iii. Pre-bid queries can be made through e-mail to: jipmer.neurosurgery@gmail.com
 - iv. Opening date & time for submission of online bids: **09.00 AM on 28.07.2021**
 - v. Closing date & time for submission of online bids **12.00 Noon on 18.08.2021**
 - vi. Date and Time of opening of online bids for Technical evaluation: **11.00 AM on 20.08.2021**
 - vii. Date & time of opening of Price Bid: To be intimated later.
4. Earnest Money Deposit/Bid Security: Bid security declaration must be submitted by all bidders.
5. Tender Processing Fee (Non-refundable): **Rs. 590 (including 18% GST) shall be paid through SBI collect only.**
6. Interested bidders are advised to download the complete Tender Enquiry document from the websites www.jipmer.edu.in or <https://eprocure.gov.in/eprocure/app> for complete details.
7. The prospective bidders must register with the E-procurement system of <https://eprocure.gov.in/eprocure/app>. Special Instructions to the bidders for the e-submission of the bids online through this eProcurement Portal on completion of the registration process is given in <https://eprocure.gov.in/eprocure/app> , the bidders will be provided user ID and password upon enrollment. In order to submit the bids electronically, bidders are required to have a valid Class 3 Digital Signature Certificate

(signing and encryption/ decryption certificates).

8. Bidders are requested to read the bidders help document on e-tender web site link before proceeding for bidding.
9. Post receipt of User ID & Password, Bidders can log on for downloading & uploading tender document.
10. The bidders shall submit the required bid security declaration (as per G.I.T clause 2) before the due date and time mentioned above.
11. The online submission of tender(s) can only be done through **<https://eprocure.gov.in/eprocure/app>**
12. Bidders shall ensure that their tender(s), complete in all respects, are submitted online through **<https://eprocure.gov.in/eprocure/app>** e-portal (as described above) only.
13. Prospective bidders are advised to browse the above websites regularly before submission of their bids as any further amendments will be published in these websites only.

Asst. Officer in Charge
Purchase Section,
For
Director,
JIPMER, Puducherry

Section-II

SCHEDULE OF REQUIREMENTS AND SPECIFICATIONS

LIST OF ITEMS REQUIRED

1. Scope of work : Supply of Consumables/ Non-Consumables for the department of Neurosurgery as detailed below

Sl. No.	Item Description	Quantity	Units
1	GENERAL CONSUMABLES		-
1.001	Aneurysm clip: Yasargil type, Titanium max. Opening 7mm force 180 grams, Blade length 9mm ,straight, permanent	17	piece
1.002	Aneurysm clip: Yasargil type, Titanium max. Opening 7mm force 180 grams, Blade length 9mm ,Curved, permanent	17	piece
1.003	Aneurysm clip: Yasargil type, Titanium max. Opening 7.8mm force 180 grams, Blade length 11mm,straight permanent	11	piece
1.004	Aneurysm clip: Yasargil type, Titanium max. Opening 7.8mm force 180 grams, Blade length 11mm,curved permanent	11	piece
1.005	Aneurysm clip: Yasargil type, Titanium max. Opening 5.7mm force 200 grams, Blade length 7mm, straight permanent	33	piece
1.006	Aneurysm clip: Yasargil type, Titanium max. Opening 5.7mm force 200 grams, Blade length 7mm,curved permanent	33	piece
1.007	Aneurysm clip: Yasargil type, Titanium max. Opening 3.3mm force 110 grams, Blade length 3mm, straight , permanent	11	piece
1.008	Aneurysm clip: Yasargil type, Titanium max. Opening 4mm force 110 grams, Blade length 5mm straight, permanent	11	piece
1.009	Aneurysm clip: Yasargil type, Titanium max. Opening 9.2mm force 280 grams, Blade length 15mm,straight permanent	6	piece
1.010	Aneurysm clip: Yasargil type, Titanium max. Opening 9.2mm force 280 grams, Blade length 15mm,curved permanent	6	piece
1.011	Aneurysm clip: Yasargil type, Titanium (steel component if titanium is not available with any manufacturer) Sundt graft type vessel wrapping clip 7 mm. This has a dacron type fabric built into the clip to cover a vessel tear.	11	piece
1.012	Aneurysm clip: Yasargil type, Titanium, fenestrated permanent clip - Straight 7 mm	11	piece
1.013	Aneurysm clip: Yasargil type, Titanium, fenestrated permanent clips straight, 9 mm,	11	piece
1.014	Aneurysm clip: Yasargil type, Titanium, fenestrated permanent clips curved 7 mm,	11	piece
1.015	Aneurysm clip: Yasargil type, Titanium, fenestrated permanent clips right angle 9 mm	11	piece
1.016	Aneurysm clip: Yasargil type, Titanium, fenestrated permanent clips, straight, 11 mm	11	piece
1.017	Aneurysm clip: Yasargil type, Titanium, fenestrated permanent clips, straight, 13 mm	11	piece

1.018	Aneurysm clip: Yasargil type, Titanium, fenestrated permanent clips, straight, 17 mm	11	piece
1.019	Aneurysm clip: Yasargil type, Titanium, permanent clips right angle 9 mm right to left	11	piece
1.020	Aneurysm clip: Yasargil type, Titanium, permanent clips right angle 9 mm right to right	11	piece
1.021	Aneurysm clip Yasargil type, Titanium, 3 mm size for use in arteriovenous aneurysm surgery (permanent, mini clips)	11	piece
1.022	Ultrashort fenestrated (fenestration 5mm or 3 mm as will be mentioned in purchase order) "nub clip". (yasargil type, titanium)	6	piece
1.023	Reinforcing booster clip, Yasargil	6	piece
1.024	Aneurysm clip, Yasargil type, permanent. Quote a uniform rate for a single clip. The exact dimensions and configuration will be informed at the time of purchase order. To reduce complexity of selection, this will be the preferred method of selection.	6	piece
1.025	Aneurysm clip, Yasargil type, temporary. Quote a uniform rate for a single clip. The exact dimensions and configuration will be informed at the time of purchase order. To reduce complexity of selection, this will be the preferred method of selection.	6	piece
1.026	Sugita type aneurysm clip (titanium or permanent) (Low profile spring, Sugita bridge wire system, and channel in blade) Quote a uniform rate for a single NON-fenestrated clip. We will inform the clip size and shape at the time of purchase order	33	piece
1.027	Sugita type aneurysm clip (titanium or permanent) (Low profile spring, Sugita bridge wire system, and channel in blade) Quote a uniform rate for a single fenestrated clip. We will inform the clip size and shape at the time of purchase order	33	piece
1.028	Sugita clips with tapered design with atraumatic groove with laser etched lot number for identification. Clip should be made of non-ferromagnetic titanium alloy verified by ASTM F136 / ISO 5832-3 for compatibility with 3 Tesla MRI. Quote for a uniform rate for a single non-fenestrated clip. We will inform clips size and shape at the time of purchase order.	33	piece
1.029	Sugita clips with tapered design with atraumatic groove with laser etched lot number for identification. Clip should be made of non-ferromagnetic titanium alloy verified by ASTM F136 / ISO 5832-3 for compatibility with 3 Tesla MRI. Quote for a uniform rate for a single fenestrated clip. We will inform clips size and shape at the time of purchase order.	33	piece
1.030	Pernecky type Aneurysm Clip. Quote a uniform rate for a single non fenestrated clip. We will inform the clip size and shape at the time of purchase order	11	piece
1.031	Pernecky type Aneurysm Clip. Quote a uniform rate for a single fenestrated clip. We will inform the clip size and shape at the time of purchase order	11	piece
1.032	Aneurysm clip - T type (Titanium, permanent)	6	piece
1.033	Bulb for OT Lights (Halogen - compatible with Maquet/Dr.Lite over head lights)	50	piece
1.034	Acrylic cement Polymethylmethacrylate medical grade dental cement for cranioplasty in powder form which polymerizes and sets with addition of liquid polymerizing agent with adequate time for molding into shape during surgery. All components should be sterilizable by appropriate means in its own containers. Each pack should contain at least 50 gms.	17	piece

1.035	Transparent cannula site dressing Transparent polyurathane, impervious to bacteria, but permeable to water vapor maintaining transparency. Self adhesive (10X12 cm) with a chlorhexidine gluconate gel layer (3X4 cm) and IV line securing adhesive strip and label.	1100	piece
1.036	Transparent cannula site dressing Transparent polyurathane, impervious to bacteria, but permeable to water vapor maintaining transparency. Self adhesive (10X12 cm)	2200	piece
1.037	Odourless hydrocolloid dressing with water resisnt film border and an outer barrier film 15 cm X 15 cm	220	piece
1.038	Abosorbant clear acrylic dressing which should be three layered with a top layer of breathable (letting oxygen and vapour) film , middle layer of acrylic polymer and a perforated bottom layer and adhesive. Size 16 cm X 19 cm	220	piece
1.039	Abosorbant clear acrylic dressing which should be three layered with a top layer of breathable (letting oxygen and vapour) film , middle layer of acrylic polymer and a perforated bottom layer and adhesive. Size 11 cm X 12.7 cm	220	piece
1.040	Foam dressing for sacral and other pressure sores Four layer dressing with outermost breathable film, moisture control layer and a absorbant layer 10 X 10 cm	220	piece
1.041	Compression dressing with acrylic adhesive which does not irritate skin . 10 cm X 4 meters (non-stretched dimension)	11	piece
1.042	Thromboembolism stocking Lycra containing thromboembolism prevention stocking, thigh to ankle level, various sizes for patients in ICU, immobile patients. It should have graduated pressure fit. Snug fit. Exact number of each sizes will be mentioned at the time of purchase order	165	piece
1.043	Silk like cloth tape with strong adhesive 1.25 cm x 9 meters	220	piece
1.044	Silicone adhesive tape which is painless to remove from the skin . Size of 2.5 cm x 1.3 m	220	piece
1.045	Silicone adhesive tape which is painless to remove from the skin . Size of 5 cm x 1.3 m	220	piece
1.046	Artificial dural graft Non-biological / synthetic, biocompatible, implantable, artificial dural graft. Sewable to normal dura. Should be impervious to fluid. For permanent implant. Should lead to minimal adhesion formation and tissue reaction. Expanded polytetrafluoroethylene (ePTFE) preferred.	55	piece
1.047	Artificial dural graft Non-biological / synthetic, biocompatible, implantable, artificial dural graft. Sewable to normal dura. Should be impervious to fluid. Material should be absorbable (like poly L lactic acid) and biomimetic microstructure for tissue regeneration. For permanent implant. Should lead to minimal adhesion formation and tissue reaction.	44	piece
1.048	Reactive polymer based multilaminat adhesive film for protecting dural suture line from CSF leak, which is biocompatible and slowly resorbed. Should adhere to dural surface by electrostatic interaction. 60 X 60 mm size, sterile ready to use.	55	piece
1.049	Reactive polymer based multilaminat adhesive film for protecting dural suture line from CSF leak, which is biocompatible and slowly resorbed. Should adhere to dural surface by electrostatic interaction. 60 X 80 mm size, sterile ready to use	55	piece

1.050	Soft nasal pack with breathing hole after endoscopic nasal surgery (polyvinylalcohol material)	55	piece
1.051	Soft nasal pack without breathing hole after endoscopic nasal surgery (polyvinylalcohol material)	55	piece
1.052	Foley catheter with antibacterial coating of gold, palladium and silver which should act by virtue of a galvanic effect inhibiting biofilm formation. Silicone . [100% pure silicone, 2 way bulb] Exact sizes and quantities required will be mentioned at the time of purchase order and hence please quote a uniform price for all available sizes ranging from 6F to 18 F. The product should have randomized controlled data to show that it reduces urinary tract infection	30	piece
1.053	Foley catheter with antibacterial coating of gold, palladium and silver which should act by virtue of a galvanic effect inhibiting biofilm formation. [Latex with 2 way bulb] Exact sizes and quantities required will be mentioned at the time of purchase order and hence please quote a uniform price for all available sizes ranging from 6F to 18 F. The product should have randomized controlled data to show that it reduces urinary tract infection	100	piece
1.054	Silicone balloon catheter for Intracranial neuroendoscopy 3 or 4 F (Fogarty catheter)	15	piece
1.055	Neurosurgical patties Sterile, ready to use cotton patties, in sterile packaging. Size 7x2 cm, each pack should contain at least 10 patties	220	piece
1.056	Neurosurgical patties silicone transparent, threaded radio-opaque.	55	piece
1.057	Neurosurgical cottonoids, sterile, ready to use cottonoids with visible [preferably black] tails of different sizes in ready to use sterile packs	220	piece
1.058	Perforator with plunge guard (single use, disposable) Perforator with inherent mechanism to stop a plunge once dura is reached. Should be compatible with Hudson's brace available in JIPMER. If not, you must provide a compatible Hudson brace for every 100 units placed.	275	piece
1.059	Perforator with plunge guard (Reusable, Sterilizable) Perforator with inherent mechanism to stop a plunge once dura is reached. Should be compatible with Hudson's brace available in jipmer, otherwise brace to be provided free of cost for every hundred units placed.	10	piece
1.060	Ventriculoperitoneal shunt [Adult size, Pressure: High'/Medium'/Low] Burr hole design of chamber and valve with diaphragm type valve. Chamber should sit on the burr hole which allows aspiration of CSF if required. Biocompatible material. The part that is placed on the burr hole should have a low profile (very important). Valve seating interface of dissimilar polymers. Valve seating interface of dissimilar polymers (Will be rejected if it is not a burr hole design or if the chamber is not low profile) Exact quantities of High'/ medium or low pressure ones needed will be told at the time of purchase order	220	piece
1.061	Ventriculoperitoneal shunt [medium pressure, pediatric size] Burr hole design of chamber and valve with diaphragm type valve. Chamber should sit on the burr hole which allows aspiration of CSF if required. Biocompatible material. Medium opening pressure. Pediatric size. . The part that is placed on burr hole should have a low profile(very important). Valve seating interface of dissimilar polymers	165	piece
1.062	Ventriculo-atrial shunt [medium pressure, adult size] Burr hole design of chamber and valve with diaphragm type valve. Chamber should sit on the burr hole which allows aspiration of CSF if required. Biocompatible material. The part that is placed on the burr hole should have a low profile (very important). Valve seating interface of dissimilar polymers	30	piece

1.063	Ventriculoperitoneal shunt antibacterial [medium pressure, Adult / Paediatric size] Antibacterial agents should be incorporated within substance of the shunt material [not coated] which elutes to the outside of the shunt as well as within lumen to reduce chances of shunt infection; Two different antibiotic agents should be impregnated.	100	piece
1.064	Ventriculoperitoneal shunt with an antisiphon device built into it (two ball design)	25	piece
1.065	Ventriculoperitoneal shunt with an antisiphon device built into it (three ball design)	25	piece
1.066	Ventriculoperitoneal shunt with an antisiphon device built into it (four ball design)	25	piece
1.067	Y connector for ventriculoperitoneal shunt which can be attached to a shunt to drain a loculation or a separate cyst	22	piece
1.068	Adjustable pressure valve system with siphon control (that can be inserted into antibacterial tubing system). We should be able to adjust the valve pressure after implantation magnetically without the need for Xray confirmation. The device to adjust the pressure should be given on loan basis	10	piece
1.069	Antibacterial external ventricular drainage catheter. Antibacterial agents should be incorporated within substance of the catheter which is placed in brain to drain CSF [not coated] which elutes to the outside of the catheter and within lumen to prevent infection; Two different antibiotic agents should be impregnated. Should be translucent with depth markings.	100	piece
1.070	Programmable ventriculoperitoneal shunt with external programming device for use in normal pressure hydrocephalus, 10 mm pressure increment settings. Programming device should be made available in JIPMER as and when requested with 24 hour prior notice (email or phone call)	10	piece
1.071	Programmable lumboperitoneal shunt with external programming device for use in normal pressure hydrocephalus, 10 mm pressure increment settings. Programming device should be made available in JIPMER as and when requested with 24 hour prior notice (email or phone call)	5	piece
1.072	Microsensor transducer (single use, disposable) for monitoring intracranial pressure in the brain parenchyma (it should be compatible with available monitor in JIPMER or a monitor supplied free of cost with the reusable microsensor transducer cable) The cable should relay information electronically rather than through a hydrostatic column or fiberoptics.	5	piece
1.073	Ventricular catheter and pressure transducer for ICP monitoring compatible with the above monitor (or with any available monitor in JIPMER or a monitor supplied free of cost with the ventricular catheter and pressure transducer) and microsensor cables	10	piece
1.074	Single use transducer cable (parenchymal or subdural or ventricular) compatible with the ICP monitor that you have quoted in the non-consumable section.	10	piece
1.075	Implantable Ommaya reservoir system Implantable ommaya reservoir system of two different sizes with ventricular catheter. Capable of tapping from reservoir percutaneously or for instilling drugs	75	piece
1.076	Lumboperitoneal shunt system implantable lumbo peritoneal shunt system with Touhey needle and connectors	100	piece
1.077	Lumbar drain set	100	piece
1.078	External ventricular drainage system which should include ventricular catheter, connecting tubes, leak proof drainage bag with volume markings and built in csf pressure scale {in a sterile and ready to use pack.}	600	piece

1.079	Gigli saw wire cutter for craniotomy Should not fray'/break on using. Sterilizable. Small round low profile loops at either end. [Identical sample should be provided before selection]	550	piece
1.080	Polypropylene monofilament suture of size 8-0 with atraumatic swaged needle , double armed	40	piece
1.081	Polypropylene monofilament suture of size 10-0 with atraumatic swaged needle for microvascular anastomosis , double armed	60	piece
1.082	Gelatin foam for hemostasis which is hydrophilic (should be able to absorb five ml water in fifteen seconds) approximately 80 x 50 x 4 mm	110	piece
1.083	Oxidised cellulose in fibrillar form, from natural source that has rapid bioresorption characteristics within 14 days by published clinical or animal studies),	1000	piece
1.084	Oxidised cellulose powder with calcium which can be applied using a applicator in a deep cavity	50	piece
1.085	Gelatin in fibrillar form factor which can be placed in a cavity using forceps, ph neutral, which forms a gel and can be pulled to reposition as a gel.	550	piece
1.086	Oxidized regenerated cellulose in densely knitted form with high tensile strength (should not be possible to manually tear it) for use in heavy bleeding. 7 x 10 cm	20	piece
1.087	Fibrin Sealant'/Glue - Glue for use in neurosurgery to prevent CSF lead based on fibrin coagulum formed on mixing fibrinogen , thrombin and synthetic aprotinin components in easy to apply chamber and nozzle system. Dual tip syringe system and vials with sterile water for reconstitution should be part of the package. Total quantity should be at least 1 ml after generation of fibrin. Warming and stirring device should be made available in OT or on demand within 24 hours. Components, if derived from pooled or single donor human blood should be free from all known pathogens. (Any agitating'/warming device required to mix the glue should be provided during use and kept in Neurosurgery OT)	55	piece
1.088	Hemostatic activated regenerated, oxidised cellulose for intraoperative hemostasis in a powder form (3g) which can be put in an operative cavity using a sterile applicator in manually activated pump	200	piece
1.089	Hemostatic, activated regenerated cellulose for intra-operative hemostasis in mesh form	500	piece
1.090	Hemostatic activated regenerated cellulose for intraoperative hemostasis in fibrillar form in aluminium package to protect from heat, light and moisture. Should have US FDA or CE or equivalent Indian standards. There should be published animal or human studies for clinical efficacy.	200	piece
1.091	Injectable hemostatic agent Prefilled syringe with haemostatic matrix agent for intraoperative use.	12	piece
1.092	Injectable hemostatic agent Prefilled syringe with haemostatic matrix agent with human thrombin (2500 IU) and calcium chloride 5ml for intraoperative use. 10 ml syringe	15	piece
1.093	Bone wax Easily squashable, bone wax for sealing bleeding bone edges, sterile and ready to use in tear open packages. Should not stick to glove.	150	piece
1.094	Cervical (disc) spacer of various sizes, titanium	33	piece

1.095	Artificial cervical disc implant: two-piece, articulating, metal-on-metal device, wrought type 316 stainless steel (ASTM F-138) component with ball on trough mechanism. The part which comes into contact with the vertebral end plate should be roughened. The device should have four screws with two locking screws to fix it to the vertebral bodies using an anterior cervical approach. a minimum of 10° motion off the neutral position in flexion/extension and lateral bending, unconstrained axial rotation, and 2 mm of anterior'/posterior translation should be possible ex-vivo. The device should be approved by U.S. Food and Drug Administration (FDA).	2	set
1.096	Artificial cervical disc implant which consists of two metal (cobalt-chrome alloy) endplates and a plastic (ultra-high molecular weight polyethylene) insert that fits between the endplates. The device should be approved by U.S. Food and Drug Administration (FDA).	2	set
1.097	Expandable cages for cervical, thoracic spine, spacers for cervical spine Titanium make Lumbar fusion cage for trans foraminal application.	11	set
1.098	Cage with integrated, angulated, locking screws for fixation after cervical discectomy. Titanium cage with big graft window.	11	set
1.099	Cervical PEEK cage with sharp teeth and large graft packing window. Should have an anatomical shape to promote maintenance of cervical lordosis.	20	set
1.100	C1 –C2 joint spacer of various sizes (Titanium)	22	set
1.101	Cannulated lag screws for odontoid fixation	6	set
1.102	Cannulated titanium screws for C2 trans-articular fusion	11	set
1.103	Instrumentation for craniocervical junction fusion Cables for interspiral or symmetric spinous wiring for atlas and axis and accessories for applying it [entire set]	11	set
1.104	Bone Substitutes This should be an rhBMP-2 (recombinant human bone morphogenetic protein-2) formulation combined with a bovine-derived absorbable collagen sponge (ACS) carrier. Should be FDA & DGCI APPROVED	11	set
1.105	Synthetic Bone Paste consists of pure Nanocrystalline hydroxyapatite that are less than 20 nanometers in size embedded in a matrix of sterile water, with osteoconductive properties, delivered in syringe (5cc)	11	set
1.106	Hydroxyapatite isothermic bone substitute which can set in a wet field (10 cc)	11	piece
1.107	Medical-Grade Polyporous Resorbable ceramic Granules with 15% hydroxyapatite+85% beta-tricalcium phosphate. (10cc) FDA & DGCI APPROVED	11	piece
1.108	Anterior Cervical Plate and screws Anterior Cervical Plate system with attached locking mechanism and choice of fixed angle screws for standard cases or variable angle screws for ease of implantation in complex cases. System should allow the surgeon the versatility of creating fixed, Variable or hybrid construct intraoperatively. Plate should be 2.5mm thick. Plate should have medial'/lateral radius of curvature and Lordotic radius of curvature. Should be Approved by US FDA & DGCI. Instrumentation should be provided for the surgeries with various screws options. Quote for the set of single level plate , four screws and two locking screws	11	set

1.109	Anterior Cervical Plate and screws Anterior Cervical Plate system with attached locking mechanism and choice of fixed angle screws for standard cases or variable angle screws for ease of implantation in complex cases. System should allow the surgeon the versatility of creating fixed, Variable or hybrid construct intraoperatively. Plate should be 2.5mm thick. Plate should have medial'/lateral radius of curvature and Lordotic radius of curvature. Should be Approved by US FDA & DGCI. Instrumentation should be provided for the surgeries with various screws options. Quote for the set of two level plate , four screws and two locking screws	111	set
1.110	Anterior Cervical Plate and screws Anterior Cervical Plate system with attached locking mechanism and choice of fixed angle screws for standard cases or variable angle screws for ease of implantation in complex cases. System should allow the surgeon the versatility of creating fixed, Variable or hybrid construct intraoperatively. Plate should be 2.5mm thick. Plate should have medial'/lateral radius of curvature and Lordotic radius of curvature. Should be Approved by US FDA & DGCI. Instrumentation should be provided for the surgeries with various screws options. Quote for the set of three level plate , fivescrews and three locking screws	6	set
1.111	MultiAxial Pedicle Screw Multi Axial Titanium Pedicle Screws with diameter range of 4.5 mm, 5.5 mm, 6.5mm and the lengths ranging from 30mm to 50 mm with buttress threaded break off set screws to secure the rod in to the head of the implant. Should be compatible with the 5.5mm rod system. US FDA & DGCI APPROVED. Instrumentation should be provided along with the Rods and various sizes of screws for the surgeries. Quote a uniform rate for a construct set of four screws and two rods. (do not quote for a single screw or rod) At the time of purchase order we will specify the scew diameter and length required.	80	set
1.112	Fenestrated Screws for Compromised Bones Cannulated Screws, with four fenestrations near the tip, Top loading for fixation in Poor'/compromised bone quality to treat trauma, tumor and degenerative pathologies. System should be compatible with 5.5mm rod and should have Break off plug mechanism to ensure better fixation. US FDA & DGCI APPROVED	11	set
1.113	Implants for Posterior Cervical Fixation Multi axial lateral mass screws compatible with 3.2mm and 3.5mm rods, up to 45 degree angulations with Index markers on saddles to easily identify the 45 degree relief notches, along with 2.5mm hex internal buttress threaded set screws. US FDA & DGCI APPROVED. Quote for a construct set of two screws and a single rod. At the time of purchase order we will specify the scew diameter and length required.	33	set
1.114	Occipitocervical Bone screws, cortical threaded with 4.5mm and 5.0mm in diameters. US FDA & DGCI APPROVED	22	set
1.115	Adjustable occipital plate for occipito cervical junction with 4mm diameter, multiple screw holes, accept 4.5mm, 5.0mm occipital bone screws and pre-contoured occipital rod and occipital adjustable rod. US FDA & DGCI APPROVED	3	set
1.116	Occipitocervical adjustable rods with 360 Degree of rotation at hinge portion of rod, with 3.5 mm diameter at superior and 3.2mm diameter at inferior. Should allow to adjust intraoperatively. US FDA & DGCI APPROVED	11	set
1.117	Occipitocervical screw connectos. Allow for six points of occipital midline fixation. Flexibility in placement on the occiput in the cephalad'/caudal directions. Accept 4.5mm and 5.0mm occipital bone screws, pre-contoured occipital rod and occipital adjustable rod, low-profile occipital fixation option. US FDA & DGCI APPROVED	11	set

1.118	Straight Rod for the posterior cervical fixation titanium with the diameter and length of 3.2x240 US FDA & DGCI APPROVED	11	set
1.119	Two connectors clip compatible with a bar and buttress threaded set screw US FDA & DGCI APPROVED	11	set
1.120	MAST Multi-Level Percutaneous multi axial cannulated screws with Diameter 5.5 mm, 6.5mm and the lengths range from 30mm to 50 mm with break off set screws to secure the rod in to the head of the implant. Should compatible with the 5.5mm rod system and MAST Technology. US FDA & DGCI APPROVED. Instrumentation should be provided along with the Rods and Various sizes of screws for the surgeries	11	set
1.121	PAK Needle - Assists surgeons with guide wire insertion, while maintaining a minimal access approach utilizing a cannulated needle (2 Needles Bevel Tips)	11	set
1.122	Lumbar Interbody: Interbody Implant for use in Posterior Lumbar interbody fusion (PLIF) or Transforaminal lumbar interbody fusion (TLIF) procedures and it should be compatible with Open, Mini or MAST technique approaches. Implants should be made of Polyetheretherketone (PEEK), convex shaped, should have tantalum markers, tooth like surface and Bullet tip. Implants should have sterile pack. Length 22mm and height 10mm with internal graft volume of 0.5cc. Should have USFDA & DGCI Approval. Posterior instrumentation should be provided at the time of surgery	11	set
1.123	Lumbar Interlaminar device for use in spinal stenosis after decompression to be deployed between lumbar spinous processes. The device should be made of titanium or similar biocompatible material and it should be FDA approved for the indication (spinal stenosis). All device specific instruments necessary for implantation should be provided on loan basis.	6	set
1.124	Halo vest Halo ring, titanium pins and vest for extended immobilization of upper cervical spine. Custom fit to be ensured as and when necessary. System should be MRI compatible with minimal imaging artifacts. Tool kit for applying and removing. Demonstration and technical assistance required.	6	set
1.125	Miniplate and screw system for fixing bone flap during craniofacial surgery. Quote for a set of a 16 hole plate (profile height 0.8 mm) with 10 self drilling screws (2.0 X 5 mm) and one emergency screw (2.3 mm X 6 mm)(self drilling nature and the ease of application to be demonstrated). Each colour coded)	220	set
1.126	Self tapping 1.5 mm screws with a conical core design. The screw should have a reinforced neck allowing improved torque transmission and easy removal. The screw head profile should not be more than 0.6 mm.	110	set
1.127	Dynamic malleable titanium mesh which can be contoured using a mesh bender. Thickness should be 0.3 mm profile height. 120 x120 mm surface area	22	piece
1.128	Dynamic malleable mesh which can be contoured using a mesh bender. Thickness should be 0.6 mm profile height. 200x 200 mm surface area	33	piece
1.129	Absorbable polylactide-glycolide absorbable plate mesh 55X55 mm of 0.75 mm thickness and ten resorbable screws 1.7 x 4 mm in sterile packs. Kit for insertion has to be provided on loan basis	11	set
1.130	Low profile (0.5 mm) two hole 16 mm bar plate with two self drilling screws (1.5 x 5 mm), grade II titanium. One driver should be provided on loan based for the purpose of fixing the screws	220	set

1.131	Low profile (0.6 mm) two hole 12 mm bar plate with two self drilling screws (1.5 x 5 mm), grade II titanium. One driver should be provided on loan based for the purpose of fixing the screws	220	set
1.132	Low Profile Medical Grade Titanium Four hole Square plate (0.6mm Thick) with Four self drilling longer pitch Screws I1.6x4mm)/(1.6x5mm). DCGI Approved with FDA	55	set
1.133	Low Profile Medical Grade Titanium Five hole Burr Hole plate (15mm -22 mm dia. Quote uniform rate. Exact size mix will be informed at the time of purchase order) (0.6mm Thick) with Five self drilling longer pitch Screws I1.6x4mm)/(1.6x5mm) and one emergency screw (1.9x4mm) DCGI Approved with FDA	55	set
1.134	Low Profile Medical Grade Titanium Five hole Burr Hole plate with Shunt hole (15mm dia) (0.6mm Thick) with Five self drilling longer pitch Screws I1.6x4mm)/(1.6x5mm) and one emergency screw (1.9x4mm) DCGI Approved with FDA	55	set
1.135	Low Profile Medical Grade Titanium Six hole GAP plate (0.6mm Thick) with six self drilling longer pitch Screws I1.6x4mm)/(1.6x5mm). DCGI Approved with FDA. Quote uniform price for short, medium and long. Exact numbers of each type required will be informed after purchase order	25	set
1.136	Titanium Mesh for 120 X 120 (bendable in all directions, 0.3 mm thickness) for cranioplasty with self drilling screws (6 Nos.) Self drilling nature of the screws and the ease with which the screw can be placed should be demonstrated as this is critical.	15	set
1.137	Bone flap fixation system for fixing bone flap using titanium or similar biocompatible material with thin profile, preferably with compressing plates on both sides of burr hole. Quote for one clamp 11-16 mm. All instruments on loan basis.	110	set
1.138	Burr hole button for cosmetic occlusion of burr holes with 3 Nos. of screws	20	set
1.139	Philadelphia type neck collars with hole for ventilation through tracheostomy tube, size: large/medium/small (exact quantity of each size will be mentioned at the time of purchase order	50	piece
1.140	Philadelphia type neck collars with hole for ventilation through tracheostomy tube, with adjustable (height) size using a mechanism built within the collar	20	piece
1.141	DRAPE, ENDOSCOPY GENERAL Tiburon surgical drape fabric Absorbent impervious reinforcement, 16" x 38 1/2" Two clear poly troughs with hook & loop closure, 11 1/8" x 30" hook & loop cord-holding tabs Fenestration, 10" x 11" Armboard covers	55	piece
1.142	Incise drape self adhesive, flexible, transparent, 1.2X1.2 m, adhesive area greater than 20X20 cm. (Transparent nature of the central part is absolutely required, or else it will be rejected) samples to be provided.	550	piece
1.143	Craniotomy drape Central round integrated self adhesive transparent (not just translucent) area of diameter greater than 20 cm, with surrounding flange, tubing for drainage of blood and wash fluid, rest of the non-woven material of the drape should be fluid impermeable of dimensions 2X1.6 m. Capable of covering the patients' torso.	1300	piece
1.144	Ventriculoperitoneal shunt drape For ventricular shunt surgery covering head to abdomen with transparent sticking operation site plastic incise drape	550	piece
1.145	Laminectomy Drape Water resistant drape with central iodine impregnated translucent adhesive patch which can cover from head to toe for laminectomy	165	piece
1.146	Iodine impregnated adhesive incise drape with paper background	100	piece

1.147	Microscope drape Transparent thin sterile microscope drape for use with OH5 m720 operating microscope . The drape should fit properly[sample to be provided to assess suitability]	300	piece
1.148	Microscope drape Transparent thin sterile microscope drape for use with Moller Wedel HIR700 neurosurgical operating microscope. The drape should fit properly[sample to be provided to assess suitability]	100	piece
1.149	Microscope drape Transparent thin sterile microscope drape for use with F40 Leica microscope. The drape should fit properly[sample to be provided to assess suitability]	250	piece
1.150	C' Arm (image intensifier) transparent sterile Drape	110	piece
1.151	Universal Camera Drape 18x250 cms Telescopic Folding, Separate Tape Strip	50	piece
1.152	Povidone iodine spray in canisters for preparing surgical site	110	piece
1.153	Raney clips [plastic]	5000	piece
1.154	Liga Clips, small & medium	550	piece
1.155	catheter mount for ventilator (maquet ventilator compatible)	1000	piece
1.156	NIBP cuff compatible with L&T starplus and galaxy multiparameter monitor (adult size)	40	piece
1.157	NIBP cuff compatible with L&T starplus and galaxy multiparameter monitor (pediatric size)	10	piece
1.158	NIBP cuff compatible with wipro GE B450 multiparameter monitors (double tubing) - adult size	30	piece
1.159	NIBP cuff compatible with wipro GE B450 multiparameter monitors (double tubing) - pediatric size	10	piece
1.160	SpO2 sensor and cable compatible with L&T starplus and galaxy multiparameter monitors	30	piece
1.161	SpO2 sensor and cable compatible with wipro GE B450 multiparameter monitors	20	piece
1.162	3 lead ECG cable button ends detachable compatible with starplus, galaxy, and wipro GE B450 monitors	20	piece
1.163	NIBP hose assembly compatible with wipro GE B450 monitors	30	piece
1.164	Oxygen mask with connection adaptor	150	piece
1.165	O2 'T' Piece	1000	piece
1.166	Tracheal Mask with connector	100	piece
1.167	Non Invasive Oxygen mask	100	piece
1.168	Bacterial Filter (compatible with Maquet Servo Ventilators in Neurosurgery I.C.U.)	1000	piece
1.169	Disposable channelled laryngoscope blade which is compatible with any of the video laryngoscope available in Neurosurgery department.	30	piece
1.170	Burette set for pediatric IV fluid infusion	100	piece
1.171	Sequential pneumatic compression stockings for use in DVT prophylaxis. The sleeve should be upto thigh starting from calf with straps to suit lower limb and various girths should be washable and reusable for a single patient. Should be compatible with the kendall pump device already available with us.	100	piece

1.172	Sequential pneumatic compression stockings for use in DVT prophylaxis. The sleeve should be upto knee starting from calf with straps to suit lower limb and various girths should be washable and reusable for a single patient. Should be compatible with the kendall pump device already available with us.	20	piece
1.173	Sequential pneumatic compression stockings for use in DVT prophylaxis. The sleeve, tubings and any other consumable should be compatible with the sequential compression machine that you have quoted in the non-consumable section below.	60	piece
1.174	Patient warming blanket, thermally insulated silver coloured for use with warming air system adult size	300	piece
1.175	Patient warming blanket, thermally insulated silver coloured for use with warming air system pediatric size	200	piece
1.176	Pediatric and adult underbody warming blankets compatible with currently available warming devices or the one that is selected in the nonconsumable section. Please quote same value for both types. The number that is needed of each kind will be informed at the time of purchase.	330	piece
1.177	4-contact, strip, EEG electrode. Contacts numbered, platinum, 4mm dia with 10mm spacing between contacts, with connection systems, lead wires, safety sockets and connector blocks	10	set
1.178	6-contact, 1x6 IOM strip EEG electrode, 6mm contacts. Platinum, 4mm dia with 10 spacing between contacts, with connection systems, lead wires, safety sockets and connector blocks	10	set
1.179	8-contact, 1x8 IOM strip EEG electrode, 6mm contacts. Platinum, 4mm dia with 10mm spacing between contacts, with connection systems, lead wires, safety sockets and connector blocks. Should be thin and flexible, sterile, 8-10mm width	10	set
1.180	6-contact depth EEG electrode, 4mm dia with 5mm spacing between contacts, with connection systems, lead wires, safety sockets and connector blocks	10	set
1.181	16-contact, 2x8, single-tail grid EEG electrode	10	piece
1.182	20-contact, 2x10, double-tail grid EEG electrode	10	piece
1.183	Sphenoidal EEG Electrodes: provide a less invasive method of recording brain activity in the epilepsy patient. Like all Epilepsy electrodes, sphenoidal electrodes are fabricated from implant-grade platinum materials	10	piece
1.184	48 contact (6*8) grid implantable EEG electrode	10	piece
1.185	64 Contact (8*8) grid implantable EEG electrode	10	piece
1.186	40 Contact Multi-strip ltm subdural implantable EEG electrode series	10	piece
1.187	32 Contact Multi-strip ltm subdural implantable EEG electrode series	10	piece
1.188	24 Contact Multi-strip ltm subdural implantable EEG electrode series	10	piece
1.189	Depth implantable stereotactic EEG (Stereo-EEG) electrode 4 contact(1*4)depth implantable EEG electrode (platinum / iridium contact) with anchor bolt cap. Ring contact size of 2 mm. Outer diameter should be 0.8 mm or less	10	piece

1.190	Depth implantable stereotactic EEG (Stereo-EEG) electrode 5 contact depth implantable EEG electrode (platinum / iridium contact) with anchor bolt cap. Ring contact size of 2 mm. Outer diameter should be 0.8 mm or less	10	piece
1.191	Depth implantable stereotactic EEG (Stereo-EEG) electrode 8 contact depth implantable EEG electrode (platinum / iridium contact) with anchor bolt cap. Ring contact size of 2 mm. Outer, distal diameter should be 0.8 mm or less	10	piece
1.192	Depth implantable stereotactic EEG (Stereo-EEG) electrode 10 contact depth implantable EEG electrode (platinum / iridium contact) with anchor bolt cap. Ring contact size of 2 mm. Outer, distal diameter should be 0.8 mm or less	10	piece
1.193	Depth implantable stereotactic EEG (Stereo-EEG) electrode 12 contact depth implantable EEG electrode (platinum / iridium contact) with anchor bolt cap. Ring contact size of 2 mm. Outer, distal diameter should be 0.8 mm or less	10	piece
1.194	Depth implantable stereotactic EEG (Stereo-EEG) electrode 15 contact depth implantable EEG electrode (platinum / iridium contact) with anchor bolt cap. Ring contact size of 2 mm. Outer, distal diameter should be 0.8 mm or less	10	piece
1.195	Depth implantable stereotactic EEG (Stereo-EEG) electrode 18 contact depth implantable EEG electrode (platinum / iridium contact) with anchor bolt cap. Ring contact size of 2 mm. Outer, distal diameter should be 0.8 mm or less	10	piece
1.196	Guidance screw, 20 mm for stereo-EEG electrode, compatible with the electrodes mentioned above	10	piece
1.197	Guidance screw, 25 mm for stereo-EEG electrode, compatible with the electrodes mentioned above	10	piece
1.198	Guidance screw, 30 mm for stereo-EEG electrode, compatible with the electrodes mentioned above	10	piece
1.199	Extension cable for 4 contact stereo-EEG electrode	4	piece
1.200	Extension cable for 5 contact stereo-EEG electrode	4	piece
1.201	Extension cable for 8 contact stereo-EEG electrode	4	piece
1.202	Extension cable for 10 contact stereo-EEG electrode	4	piece
1.203	Extension cable for 18 contact stereo-EEG electrode	4	piece
1.204	Cleaning and lubricant solution for electric drill, based on food grade mineral oil and propellant base ("Pana spray" or equivalent). 500 ml can	30	piece
1.205	Instrument lubricant concentrate, with antimicrobial activity, 50ml capacity	10	piece
1.206	Endotracheal tube with low pressure low volume cuff and a subglottic aspiration catheter port which should be above the cuff. The cuff should be shaped and tapered in such a way that secretions accumulate in the zone between tube and the tapered cuff to prevent microapiration. Quote for a single size. We will place the sizes and quantity of each size according to need. (sizes 6.0 to 8.5)	550	piece

1.207	Tracheostomy tube with low profile low pressure cuff with an aspiration catheter port which help aspirate subglottic secretions above the level of the cuff. The cuff should be shaped in such a way that secretions accumulate in the zone between tube and cuff. The number of units of each size (7.0,7.5, 8.0 mainly) will be mentioned at the time of purchase order.	550	piece
1.208	Percutaneous, sterile, ready to use tracheostomy set.	20	set
1.209	Balloon kyphoplasty set with kyphoplasty cement in sterile ready to use package. Should have a pressure indicating syringe with digital display.	10	set
1.210	Chlorhexidine slow release disc which can be placed at the site of indwelling vascular catheters. Should release the agent over seven days.	200	piece
1.211	polytetrafluoroethylene patch 0.3 mm thickness suitable for carotid endarterectomy (7X5 cm)	20	piece
1.212	Absorbable Cranial Fixation System thin profile (Craniotomy bone flap fixation) FDA approval is desirable, All necessary tools for implantation should be provided on loan basis	660	piece
1.213	Cyanoacrylate microbial sealants for skin preparation prior to surgery in a disposable, sterile, single- use applicator that can cover an area of 20 X 20 cm	100	piece
1.214	Bronchial Hygiene vibratory PEP therapy system : Should benefit both PEP therapy and airway vibration to mobilize pulmonary secretions and also in virtually spatial orientation. Should allow inhalation and exhalation without removing from mouth, to be used with mask or mouth piece nebulizer. Should have pressure port with pressure indicator, tubing, mouthpiece, mask of different sizes. It should have provision for frequency adjustment.	15	piece
1.215	Endotracheal and Tracheostomy cuff pressure controller to continuously monitor cuff pressure within the ideal range of 20-30 cm of water. It should have a pressure feedback mechanism to increase pressure during peak inspiration. Single use, disposable, sterile	50	piece
1.216	Bougie for endotracheal tube exchange (Tracheal tube introducer) , outer diameter 5.0mm length 700mm Straight tip, Reusable	3	piece
1.217	Bougie for endotracheal tube introduction for difficulty airway (Tracheal tube introducer) , outer diameter 5.0mm 600mm length Coude tip, reusable	2	piece
1.218	Bougie for endotracheal tube exchange (Tracheal tube introducer) , single use, outer diameter 5.0mm length 700mm Straight tip, single use, sterile	2	piece
1.219	Bougie for endotracheal tube introduction for difficulty airway (Tracheal tube introducer) , single use, outer diameter 5.0mm length 700mm ,Coude tip , sterile single use, disposable	2	piece

1.220	Indocyanine Green dye for microscope integrated video angiography during aneurysm clipping (example: Aurogreen® , Aurolab, Madurai, Tamil Nadu) 25 mg vials	100	vial
1.221	Delta amino levulinic acid for fluorescence guided microsurgical resection of gliomas	10	piece
1.222	Forehead SpO2 sensor (disposable) for detecting oxygen saturation reliably in patients with low perfusion and low saturation with accuracy down to 60 %. Head band should be provided. If cables are required that should be provided free of cost on loan basis. It should have a four layers adhesive.	50	piece
1.223	Monopolar hand pieces controllable by both hand piece and foot switch which is disposable (compatible with Excel, Mallis and L&T bipolar machines)	100	piece
1.224	Monopolar microdissection needle with 5 micron tungsten tip for precision electrosurgery	33	piece
1.225	Flexible Patient contact plate (compatible with Excel, Mallis and L&T bipolar machines), reusable.	55	piece
1.226	Flexible Patient contact plate (compatible with Excel, Mallis and L&T bipolar machines), disposable. It should have a central split to prevent it coming off. Should have a foam topping for heat exchange.	55	piece
1.227	Irrigating bipolar channel cleaning stylet compatible with Malis type irrigating bipolar along with cable	5	piece
1.228	Monopolar diathermy reusable pencil hand piece which is compatible with Excel, Mallis, martin, and L&T diathermy machines	33	piece
1.229	Skin temperature probe that has an adhesive layer, insulating isothermic channels to measure temperature accurately. This single use item should interface with a control unit that is compatible with the specifications mentioned in the non consumable section.	55	piece
1.230	2-octyl cyanoacrylate with self adhesive mesh for skin closure	55	piece
1.231	Tubular elastic dressing made of cotton and elastane for tight dressing of scalp.	110	piece
1.232	Expanded poly tetraflouroethylene ePTFE (teflon patch) 0.4 mm for use in microvascular decompression. 1 x 1 cm size	5	piece
1.233	Container for sending pathological biopsy (100 ml capacity)	100	piece
1.234	Triple lumen set for use in the inline warmer which you have to quote below in the non consumable	55	piece
1.235	Carboxymethyl cellulose and polyethylene oxide in injectable prefilled syringe (3 ml) for use in spine surgery for adhesion prevention and for reduced postoperative pain. Suitable randomised controlled human studies showing effectiveness should be available.	10	piece
1.236	Non woven cohesive bandage which is breathable and stretchable 10 cm breadth x 4 meters. It should stick to itself so that bandaging can be done without typing , clipping or taping.	100	piece

1.237	Scalp (head) decontamination cap impregnated with polyhexamethylene biguanid in gel form.	300	piece
1.238	Medical grade silicone rubber (addition cure type silicone rubber adding 50:50 of part A and B). Either colourless or skin colour. Should cure in 24 hours or faster in oven. 1 Kg. Equivalent of Aditya Silicone material seen at this link https://www.adityasilicone.com/product/aditya-silicone-rubber-rtv-m-10-body-parts-1-kg/	1	piece
1.239	Sub-cortical suction stimulator for stimulating subcortical white matter while resecting gliomas to elicit a motor evoked potential response.	2	piece
1.240	Intra-arterial drug infusion catheters Non thrombogenic coated long catheters of 160-170 cms length with 0.015, 0.0165 inches internal diameter to be used as indwelling intra-arterial catheter for drug delivery in internal carotid artery over a prolonged period of time (up to 100 hours).	5	piece
1.241	Conformable balloon catheter with soft balloon with total length 150 cms. Balloon length should be 7 mm and balloon diameter should be 4 mm. Catheter should be compatible for use in the common carotid artery for occlusion. Compatible guide wires should be supplied with each catheter.	5	piece
1.242	Conformable balloon catheter with soft balloon with total length 150 cms. Balloon length should be 7 mm and balloon diameter should be 7 mm. Catheter should be compatible for use in the common carotid artery for occlusion. Compatible guide wires should be supplied with each catheter.	5	piece
1.243	Surgeon gown (medium size) which is a fully wrap around variety and can be tied in front, with water, alcohol resistance. Outer layer spun bound repellent layer with inner two layers with antibacterial property (melt blown), and innermost layer for fabric strength (spun bound) Soft elastic wrist cuff. Adjustable neck line needed. Low linting. Sample absolutely required. Must meet or exceed EN13795 standards or else will not be considered. Quote separately for Tape covered double-stitched seam type gown as well as the one with ultrasound bonded seam	5000	piece
1.244	Surgical Gloves : Polyurethane inner coating with textured external surface and dark coloured to prevent reflective glare. Internal surface should have powder free, polymer coated and siliconated, protein less than 30micro gram and preferable thickness at finge is 0.18mm. Size :6.5, 7 & 7.5	550	pair
1.245	Surgical Gloves : Water-based polyurethane inner coating, wet hand donning, thinner latex at the palm and fingers with high tear resistance, resistant to alcohol-based hand disinfectants and viral penetration, band at glove cuff should have secure hold on the surgical gown, with low allergenicity. Size : 6.5, 7 & 7.5	550	pair
1.246	Latex free surgical glove in sizes 6.5, 7 and 7.5 presterile for use in patients who can potentially develop latex allergy as in patients who undergo multiple surgeries for spinal cord dysraphism	220	pair

1.247	Surgical Under Glove: Internal surface - Polyurethane coated & moisturized hydrasoft coated, preferable finger thickness 0.19mm, teal green coloured and gamma sterilized. Size: 7.0 & 7.5	550	pair
1.248	HEPA and Carbon filter for regular air purifier in the non consumable section (lowest quote will be based on the combined value of machine and filter)	5	piece
1.249	HEPA and Carbon filter for high-end air purifier in the non consumable section (lowest quote will be based on the combined value of machine and filter)	5	piece
1.250	Urinary drainage bag (Urometer) for collection of urine from Foley catheter with volume measurement compartment separate from bag lines for as little as 50 ml so that hourly urine output can be monitored, non-return valve and transparent.	200	piece
1.251	Self contained double lumen suction catheter which may be used for endotracheal suctioning on ventilated patients with plastic envelope containing threadable and retractable soft blunt nosed catheter. A thumb depressable switch to initiate and stop suctioning when connected to wall suction. Rotating access valve to isolate the airway during closed position. Simultaneous irrigation and suctioning should be possible (mandatory requirement). Must have a port to attach an MDI adaptor along with an MDI adaptor Labels for days of use or to indicate when to replace. For multiple use over a period of 3 days or more. Demo absolutely mandatory before selection and if there is any leak or suboptimal performance on testing it will be rejected. (Size: 12 French : 25cms & 45cms, 14 French : : 25cms & 45cms)	1800	piece
1.252	Cranioplasty material using heat mouldable high density porous polyethylene material with pore size of 100 microns or less for tissue integration. Size 12 x 17 cm of 6 mm thickness.	4	piece
1.253	Customized craniomaxillary repair system using PEEK material which can be implanted. The material should be fabricated according the CT scan reconstruction data of a particular patient.	4	piece
1.254	Customized craniomaxillary repair system using titanium material which can be implanted. The material should be fabricated according the CT scan reconstruction data of a particular patient.	4	piece
1.255	Customized 3 D printed rigid model based on CT or MRI data of particular patient for planning operative approach. Should include soft tissue structures and fine structures like vessels, and internal architecture of temporal bone. Price should be mentioned per ml (cm ³) of final product.	2000	per ml (cm ³)
1.256	Customized 3 D printed rigid and flexible model based on CT or MRI data of particular patient for planning operative approach. Should be include soft tissue structures and fine structures like vessels, and internal architecture of temporal bone. Price should be mentioned per ml (cm ³) of final product.	2000	per ml (cm ³)
1.257	Medical grade Polylactic acid filaments (PLA) 1.75 mm diameter for 3 dimensional printing using a 3 D printer such as Wanhao Duplicator i3 V2	10	piece

1.258	Operation trolley drape made of fluid (water and alcohol) impermeable drape of size 1.5 x 1.5 m size (EN13795 standard)	1000	piece
1.259	Silicone tracheostomy tube, cuffless with obturator, speaking hole, sizes of 4, 6 and 8	10	piece
1.260	Silicone tracheostomy tube, cuffed with obturator, speaking hole, size of 4, 6 and 8	10	piece
1.261	Incentive spirometer which shows exact volumes per minute. Should have a marker which indicates the desirable rate of inspiration. It should ensure that patient inhales rather than exhales. Should have a port for connecting oxygen while in use. Should have a bed rail holding loop built into the device. Flow setting 500 ml to 4000 ml'/sec	50	piece
1.262	Incentive spirometer which shows exact volumes per minute. Should have a marker which indicates the desirable rate of inspiration. It should ensure that patient inhales rather than exhales. Should have a port for connecting oxygen while in use. Should have a bed rail holding loop built into the device.; Low flow setting 100 ml to 600 ml'/sec, suitable for pediatric patients or patients with poor reserve.	25	piece
1.263	Distilled water in cans'/ appropriate containers with dispensing knob	100	liter
1.264	Face mask with shield : Surgeon face mask with clear plastic visor shield built in, with malleable nose clip, latex free. Should prevent aerosol or droplet splash on eyes. (transparent distortion free optical characteristics, crease free nature of visor is absolutely important)	110	piece
1.265	3d contoured full face optically clear face protection mask with foam insert at forehead and convection venting ports which allow hot air to ascend. The shield should fit on top of an N95 mask	5	piece
1.266	Endotracheal tube with an antibacterial coating which acts by virtue of galvanic effect of a thin coating of gold, palladium and silver. It should have a low pressure low volume cuff and a subglottic aspiration catheter port which should be above the cuff. Quote for a single size. We will place the sizes and quantity of each size according to need. (sizes 6.0 to 8.5)	300	piece
1.267	Non-glutaraldehyde based floor cleaning agent for the Intensive care unit using a quarternary ammonium compound and non intonic surfactants. Surfactants should be biodegradable according to EU detergent guideline. A 0.5% solution should have EN 1276 bactericidal activity even with high soiling. Quote for one liter of pure solution which will give a 0.5% solution with EN1276 activity.	100	liter
1.268	Non glutaraldehyde based enzymatic cleaner with disinfectant cleaning solution. Quote for 500ml pack	15	liter
1.269	Non ionic amphoteric surfactant based cleaning agent for insturments and neuroendoscopes. It should be compaticle for use in ultrasonic baths. 1% solution in 500 ml bottles	15	liter
1.270	Disinfectant wipes for surface cleaning to be used in Neurosurgery OT & ICU. Disinfectant should contain ethanol, 2- propranalol and 1 propranalol with 90 pull outs (12 X12 inches) which are lint free . Should be aldehyde free.	5000	piece

1.271	Disinfectant wipes for surface cleaning to be used in Neurosurgery OT & ICU and for cleaning ultrasound probes. Disinfectant should contain didecyldimethyl ammonium chloride and quaternary ammonium compounds which are active against MRSA, yeasts and Papovavirus/polyoma viruses. 80 or more pull outs 29x22 cm size approximately	5000	piece
1.272	Water less, brush less surgical hand antiseptic containing Chlorhexidine gluconate (1%) and Ethylalcohol (61 % w/w). The product must be FDA-NDA approved for use as water less surgical scrub. 500 ml bottles.	25	liter
1.273	Antimicrobial Hand rub in 500 ml bottles Should contain 80% volume/volume (v/v) ethyl alcohol or 70% v/v isopropyl alcohol. Other antimicrobial agents such as chlorhexidine need not be added. Hydrogen peroxide may be used as described in WHO guide. It must contain emollients and moisturizers (humectants such as glycerol). No added fragrances or colours should be added. The dispenser should have a mechanism to squirt out 3 ml of the product on the hand when the user presses on the dispensing mechanism once. The dispenser bottle should have 500 ml volume. A bottle holder should be provided with every five bottles or the price of the bottle holder can be quoted separately.	100	liter
1.274	Antimicrobial Hand rub in 500 ml bottles with a foaming agent and/or foaming mechanism in dispenser to avoid splashing on patient records and linen Should contain 80% volume/volume (v/v) ethyl alcohol or 70% v/v isopropyl alcohol. Other antimicrobial agents such as chlorhexidine need not be added. Hydrogen peroxide may be used as described in WHO guide. It must contain emollients and moisturizers (humectants such as glycerol). No added fragrances or colours should be added. The dispenser should have a mechanism to squirt out 3 ml of the product on the hand when the user presses on the dispensing mechanism once. The dispenser bottle should have 500 ml volume. A bottle holder should be provided with every five bottles or the price of the bottle holder can be quoted separately.	50	liter
1.275	Alcohol free barrier film that can be sprayed on the skin which acts by forming an impermeable polymer film. It should remain on skin for 72 hours. In 28 ml spray bottle.	20	piece

1.276	<p>1)Non Rechargeable implantable neuro stimulator(MRI compatible) :</p> <p>1)Dual-channel implantable neurostimulator for use with deep brain stimulation (DBS) leads, and patient programmer. Advanced programming features for patients and clinicians.</p> <p>a)MRI Compatible *,</p> <p>b)Number of defined groups 1 to 4</p> <p>c)Number of programs per group 1 to 4</p> <p>d)Electrode configuration 1 to 4 electrodes per lead as anode, cathode, or OFF</p> <p>e)Case defined as anode or OFF</p> <p>f)Amplitude (voltage mode) 0 to 10.5 V with 0.05 V or 0.1-V resolution</p> <p>g)Amplitude (current mode) 0 to 25.5 mA with 0.1-mA resolution</p> <p>h)Amplitude – upper patient limit By hemisphere:</p> <p>i)Tracking limit: +0 to +2 (0.2 resolution); +2 to +4.5 (0.5resolution)</p> <p>j)Amplitude – lower patient limit By hemisphere:</p> <p>k)Tracking limit: -0 to -2 (0.2 resolution); -2 to -4.0 (0.5resolution); full range</p> <p>l)Pulse width 60 to 450 μs (10 μs resolution)</p> <p>m)Pulse width – upper patient limit Tracking limit: +0 to +100 μs (10-μs resolution)</p> <p>n)Pulse width – lower patient limit Tracking limit: -0 to -100 μs (10-μs resolution)</p> <p>o)Rate (voltage mode) 2 to 250 Hz (resolution: 1 Hz from 2 Hz to 10 Hz, 5 Hz from 10 Hz to 250 Hz)</p> <p>p)Rate (current mode) 30 to 250 Hz (5-Hz resolution)</p> <p>d)Rate – upper patient limit Tracking limit: +0 to +50 Hz (10-Hz resolution)</p> <p>Rate – lower patient limit Tracking limit: -0 to -50 Hz (10-Hz resolution)</p> <p>q)SoftStart/Stop OFF, ON: 1, 2, 4, or 8 second ramp duration</p> <p>r)Cycling OFF, ON: 0.1 s to 24 hr (resolution: 0.1 s from 0.1 s to 1 s, 1 s from 1 s to 59 s, 1 min from 1 min to 59 min, 1 hr from 1 hr to 24 hr), NON RECHARGEABLE</p>	2	set
-------	---	---	-----

1.277	<p>2)Rechargeable implantable neuro stimulator (MRI compatible) : Dual-channel rechargeable implantable neurostimulator for use with deep brain stimulation (DBS) leads, and DBS patient programmer and patient recharger system. Advanced programming features for patients and clinicians.</p> <p>a)MRI Compatible , b)Number of defined groups 1 to 4b No more than 16 programs may be defined within the 4 groups. c)Number of programs per group 1 to 4b d)Electrode configuration Up to 4 electrodes as anode, cathode, or OFF e)Case defined as anode or OFF f)Amplitude (voltage mode) 0 to 10.5 V with 0.05 V or 0.1-V resolution g)Amplitude (current mode) 0 to 25.5 mA with 0.1-mA resolution h)Amplitude – upper patient limit By hemisphere: i)Tracking limit: +0 to +2 (0.2 resolution); +2 to +4.5 (0.5resolution) j)Amplitude – lower patient limit By hemisphere: k)Tracking limit: -0 to -2 (0.2 resolution); -2 to -4.0 (0.5resolution); full range l)c Full range = -10.5 V (voltage mode); -25.5 mA (current mode) m)Pulse width 60 to 450 μs (10-μs resolution) n)Pulse width – upper patient limit Tracking limit: +0 to +100 μs (10-μs resolution) o)Pulse width – lower patient limit Tracking limit: -0 to -100 μs (10-μs resolution) p)Rate (voltage mode) 2 to 250 Hz (resolution: 1 Hz from 2 Hz to 10 Hz, 5 Hz from 10 Hz to 250 Hz)d q)d Rate limited to 125 Hz when two programs are active on a single lead. r)Rate (current mode) 30 to 250 Hz (5-Hz resolution)d s)Rate – upper patient limit Tracking limit: +0 to +50 Hz (10-Hz resolution) t)Rate – lower patient limit Tracking limit: -0 to -50 Hz (10-Hz resolution) u)SoftStart/Stop OFF, ON: 1-, 2-, 4-, or 8-second ramp duration v)Cycling OFF, ON: 0.1 s to 24 hr (resolution: 0.1 s from 0.1 s to 1 s, 1 s from 1 s to 59 s, 1 min from 1 min to 59 min, 1 hr from 1 hr to 24 hr), RECHARGEABLE</p>	2	set
1.278	<p>3)Patient Programmer A)Allows patients with neurostimulators to check therapy and neurostimulator battery status, and adjust settings or change programming group according to clinician-determined parameters. 1. Patient programmer technical specifications: a)Power source 2 AAA alkaline batteries (non-rechargeable, LR03) b)Operating temperature +9 °C to +43 °C (+49 °F to+110 °F) c)Temperature limitation -34 °C to +57 °C (-30 °F to+135 °F) d)Size Approximately 9.4 cm x 5.6cm x 2.8 cm (3.7 in x 2.2 in x 1.1 in) e)Weight, including f)batteries Approximately 111 g (3.9oz.) g)Battery life 2 months (average) for alkaline batteries g)Mode of operation Continuous</p>	2	set

1.279	<p>4)Deep Brain stimulation leads :</p> <p>Quadripolar leads for delivery of electrical impulses to the target region of the brain.One 4-electrode lead, for use with extension with in-line connector. Lead electrodes 1.5 mm, spaces 0.5 mm. should be Available in 28-cm length and 40-cm length.</p> <p>a) Linear connector</p> <p>b) Lead resistance: <100 ohms</p> <p>c) Available in 28 cm and 40 cm</p> <p>d) Diameter: 1.27 mm</p> <p>e) Distance from tip of lead to first electrode: 1.5 mm</p> <p>f) Shape: Cylindrical</p> <p>g) Length of surface electrode: 1.5 mm</p> <p>h) Spacing between electrodes 1.5 mm</p> <p>i) Spacing between electrodes 0.5 mm</p>	2	set
1.280	<p>5)stretcheable coil DBS (Deep Brain Stimulation) extension</p> <p>DBS Stretch-Coil™ lead extension and accessories to connect neurostimulator to DBS lead.</p> <p>a) The extension has four connectors on the distal end and eight connectors on the proximal end. The in-line distal end connects to a lead. The proximal end connects to a neurostimulator. (should be compatible to earlier mentioned DBS parts)</p> <p>b) Low profile connector</p>	2	set
1.281	<p>Lock to prevent migration of deep brain stimulation leads when the stylet is taken off (stimulator lock)</p>	1	piece
1.282	<p>Programmable Intrathecal drug delivery pump :</p> <p>1)Implantable intrathecal system with flexible dosing programmable pumps allowing independent dosing intervals with a fixed Basal Rate that will be delivered between specified times. pump and catheter information should be stored in pump memory.</p> <p>a)Radiopaque identifier •20 mL—NGP</p> <p>b)Pump Case</p> <p>Thickness •20 mL—19.5 mm</p> <p>Weight (empty) •20 mL—165 g</p> <p>Displacement volume •20 mL—91 mL</p> <p>Diameter 87.5 mm(Largest diameter</p> <p>Material Titanium and silicone</p> <p>Suture loops Yes</p> <p>Mesh pouch Optional</p> <p>c)Pump Reservoir</p> <p>Volume •20 mL</p> <p>d)Reservoir Fill Port</p> <p>Septum puncture life 500 punctures</p> <p>e)Catheter Access Port</p> <p>Septum puncture life 500 punctures</p> <p>Flow Rate</p> <p>Programmable rate1 24 mL/day max</p> <p>•40 mL—NGV</p> <p>•40 mL—26.0 mm</p> <p>•40 mL—175 g</p> <p>•40 mL—121 mL</p> <p>including CAP)</p> <p>•40 mL</p> <p>0.048 mL/day min</p> <p>Leakage rate (stopped pump) 0.030 mL/day max</p> <p>Bacterial Retentive Filter</p> <p>Pore size 0.22 µm (micron)</p>	2	set

	<p>Power Source Battery Lithium hybrid cathode Longevity Rate dependent Must provide supply of compatible baclofen drug to last atleast 1 year for each implant as and when we implant in a patient</p>		
1.283	Implantable phrenic nerve stimulator system (quote price for battery if it comes with the system)	1	set
1.284	Implantable programmable, rechargeable battery compatible with the phrenic nerve stimulator	1	piece
1.285	Implantable programmable, non-rechargeable battery compatible with the phrenic nerve stimulator	1	piece
1.286	Implantable phrenic nerve stimulator with radiofrequency receiver (without implantable battery)	1	set
1.287	Implantable diaphragm pacing system (FDA approved)	1	set
1.288	Vagal nerve stimulator for intractable epilepsy. All material for implantation and required training or certification, if any should be provided for 2 surgeons.	2	piece
1.289	CUSA (Ultrasonic Dissector) Tips : Quote for cusa tips of various sizes. It should be compatible with existing CUSA (25 Khz Ultrasonic Bone Removal Device, Model: Sonopet, Make : Stryker) available in Neurosurgery OT. If not compatible with this machine, you must provide the machine on loan basis. Quote a uniform rate for a tip if possible. We will inform the size of the tip at the time of placing order.	55	piece
1.290	CUSA (Ultrasonic Dissector) Tips : Quote for cusa tips of various sizes. It should be compatible with existing CUSA (34 Khz Ultrasonic Bone Removal Device, Model: Sonopet, Make : Stryker) available in Neurosurgery OT. If not compatible with this machine, you must provide the machine on loan basis.Quote a uniform rate for a tip if possible. We	55	piece

	will inform the size of the tip at the time of placing order.		
1.291	CUSA (Ultrasonic Dissector) bone removing Tips : Quote for cusa tips of various sizes. It should be compatible with existing CUSA (Ultrasonic Bone Removal Device, Model: Sonopet, Make : Stryker) available in Neurosurgery OT. If not compatible with this machine, you must provide the machine on loan basisQuote a uniform rate for a tip if possible. We will inform the size of the tip at the time of placing order.	25	piece
1.292	Ultrasonic Dissector tubings : Quote for disposable cusa tubing of various sizes. It should be compatible with existing CUSA (Ultrasonic Bone Removal Device, Model: Sonopet, Make : Stryker) available in Neurosurgery OT. If not compatible with this machine, you must provide the machine on loan basis Quote a uniform rate for a the tubings for one set.	30	piece
1.293	Drill Bits : Quote for round fluted burs of various sizes, round diamond burs of various sizes. Should be caompatible with long and short hand pieces of Stryker Neuro Drill available in Neurosurgery OT. If not compatible with this machine, you must provide the machine on loan basis. Quote a uniform rate for a single drill bit. We will inform the size of the tip at the time of placing order.	110	piece
1.294	Drill Bits : Quote for round fluted burs of various sizes, round diamond burs of various sizes. Should be caompatible with long and short hand pieces of Karl Storz Endoscopic Drill available in Neurosurgery OT. Quote a uniform rate for a single drill bit. If not compatible with this machine, you must provide the machine on loan basis We will inform the size of the tip at the time of placing order.	110	piece
1.295	Toner (original manufacturer's) for canon laser printer (Canon imageCLASS MF-4820D Monochrome Multifunction Laser) which is compatible with the laser printers in Dept of Neurosurgery. (please confirm with dept before quoting)	5	piece
1.296	Toner (original manufacturer's) for Lexmark laser printer (Lexmark Multifunction Laser) which is compatible with the laser printers in Dept of Neurosurgery. (please confirm with dept before quoting)	5	piece
1.297	Toner (original manufacturer's) for Brother laser printer (MODEL HL - 22) which is compatible with the laser printers in Dept of Neurosurgery. (please confirm with dept before quoting)	5	piece
1.298	Toner for the Multifunction WIFI all in one colour laser printer that you have quoted in the non-consumable section	10	piece
1.299	Titanium clip that fixes onto the diploe of the bone flap using a driver. The clip should be able to take a 1.5 mm self tapping screw to attach to the rest of the skull to allow rigid fixation using three such clips.	150	set
1.300	Microdoppler probe (single use, disposable) 8 MHz 2 mm tip for intraoperative, endonasal use compatible with Mizhuo machine available in our theater.	10	piece
1.301	Microdoppler probe (single use, disposable) 20 MHz 2 mm tip for intraoperative use compatible with Mizhuo machine available in our theater.	10	piece

1.302	Uniportal endoscopic carpal tunnel release set (disposable single use). Should have blades (Standard and Slimline) assembly. Disposable Blade assembly should feature a retractable blade that rises straight up without curving outward. Blade assembly should click- lock on to the front of the pistol-grip hand piece". Should have blade (standard and slim) assembly, three sizes hamate finders, synovial elevators. Must provide endoscope on loan basis on a 48 hour notice period before scheduled day of surgery if endoscope is not available/functioning at JIPMER	30	set
1.303	Body decontamination wipes impregnated with polyhexanide. One pack should have 10 wipes.	2000	piece
1.304	Reflective sphere suitable for Neuronavigation (stealth S7, Medtronic, "glions")	200	piece
1.305	Flexometallic electromyography (EMG) endotracheal tube for intraoperative nerve monitoring (7 MM & 7.5 MM)	100	piece
2	Non Consumables (Items costing upto Rs.1,00,000/- only)		-
2.001	Twist Hand Drill : hand held twist drill set with chuck, drill bits of various sizes [10 Nos.]	10	set
2.002	Brain cannula [ventriculostomy cannula] : opening in the tip, with obturator [stylet]	10	piece
2.003	Leyla retractor arms : Flexible arms compatible with any of the current Leyla base unit in Jipmer operation theatre.	10	set
2.004	Micro Suction regulator : Should be attached with suction tube and to be controlled by the Surgeon	4	piece
2.005	Silicone pediatric head holder : Pediatric silicone head fixation system for use with DORO system and integra system	1	set
2.006	Air bed (Air mattress) to prevent and treat bed sores. High quality with CPR compatible deflation valve, multibarrelled type.Each barrel should be detached individually (each barrel should be replaceable separately) We will reject non -barrel type	20	piece
2.007	Artery forceps [Dandy' artery forceps which have a right angle curve are preferred]	10	piece
2.008	Fish hooks with spring to retract scalp flap during craniotomy	10	piece
2.009	Syringe infusion pump Should accept 10, 20, and 50 mL syringes delivering 0.1 to 1200 mL"/hour with an accuracy of $\pm 3\%$; Purge function; standard alarms; at least 12 hours battery back-up; large, easily visible color display; piston should be protected by a cover against liquid spillage; not more than 2 kg in weight; Three years warranty. There should be a body weight mode should allow programming automatically to calculate infusion rate. (in microgram per kg per min and milligram per kg per hour.	8	piece
2.010	Bipolar forceps bayoneted (standard tip non stick, compatible with Excel bipolar machine along with cable (demo required). Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	20	set

2.011	Bipolar forceps bayoneted (micro tip non stick, compatible with Excel bipolar machine along with cable (demo required)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	5	set
2.012	Bipolar forceps bayoneted with irrigation channel (standard tip non stick, microtip non stick, standard tip and micro tip) compatible with Mallis bipolar machine along with cable (demo required)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	10	set
2.013	Bipolar forceps bayoneted with irrigation channel (microtip non stick) compatible with Mallis bipolar machine along with cable (demo required)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	5	set
2.014	Bipolar forceps bayoneted standard tip non stick compatible with L & T bipolar machine along with cable (demo required)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	10	set
2.015	Bipolar forceps bayoneted microtip non stick, compatible with L & T bipolar machine along with cable (demo required)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	10	set
2.016	Bipolar forceps bayoneted (standard tip non stick, compatible with Excel bipolar machine along with cable (demo required) with concorde tip (downturned tip)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	10	set
2.017	Bipolar forceps bayoneted (standard tip non stick, compatible with Excel bipolar machine along with cable (demo required) with upturned tipExact length will be mentioned at the time of purchase order. (18 to 22 cm)Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	20	set
2.018	Bipolar forceps bayoneted (standard tip non stick, compatible with Excel bipolar machine along with cable (demo required) with round handle for easier gripping and manoeuvring. Exact length will be mentioned at the time of purchase order. (18 to 22 cm)	20	set
2.019	Karlin Cervical Curette. Black rectangular handle with bayyonetted design. 241 mm long. Medium size , forward angle. Exact size will be mentioned in purchase order. Quote one price for all sizes.	2	piece
2.020	XF scissors. Straight blade, 60 degree angle.	2	piece
2.021	Lambotte osteotome. Straight. 20 mm width, 229 mm long. Quote for uniform price for all size. Size required might change at the time of purchase order.	2	piece
2.022	Friedman Micro Ronguer. 140 mm long. (quote same price for straight and curved. The shape will be mentioned in purchase order	2	piece
2.023	Lembert Ronguer 190 mm (quote same price for straight and curved. The shape will be mentioned in purchase order	2	piece
2.024	The Sugita Aneurysm Clip Case: Should be a modular system comprised of four individual clip cases, housed in an instrument bin, locked in place with one all-encompassing lid. The clip case should allow for storage of up to 120 individual clips as well as 10 applicers (including 2 keyhole applicers). The clips are organized by clip type, allowing for quick access to the necessary pattern. A list of applicers, by type, should laser etched inside the lid for ease of reference. Spring handled applicers should be held in place with silicone brackets. Keyhole applicers are stored under the clip cases. Each individual clip case can be used as a stand alone storage and sterilization container.	2	set

2.025	The Sano Multi Angle Clip Applier for applying slimline sugita clips . It should provide flexibility in clip positioning with optimal visibility of the operative site. The jointed shaft and a pair of sockets, housed in the jaws of the applier, should allow the clip to be held through an arc of 320°. Adjusting key should be provided	3	set
2.026	Bipolar coagulation forceps and tips, monopolar tips and corresponding cables compatible with the Karl Storz neuro-endoscope system. (demo required)	10	set
2.027	Hair clipping machine that can be sterilized or capable of using sterile disposable (or resterilisable) blade head. The system should be chargeable and usable without cord. Should be FDA approved. Handle should be water proof and can be disinfected. Should be capable of atleast 40 minutes of use after charging. (Please quote for 100 clipper heads along with machine). Should be able to remove scalp hair easily.	3	set
2.028	Hunt bayoneted tumor holding forceps, 20 cm, 3 mm tip & 2mm tip	6	piece
2.029	Bayoneted micro forceps, straight, 21 cm, 0.5 mm tip	5	piece
2.030	Bayoneted macro forceps, straight, 21cm, 0.5mm tip	5	piece
2.031	Nano Forceps, Purple, Diamond Dusted Tip 0.3mm, 15cm Curved, 2.5cm with lock	2	piece
2.032	Nano Scissors, Red, 15cm Curved, 2.5cm WL	2	piece
2.033	Nano Needle Holder, Blue, Diamond Dusted Jaw, 15cm Straight, 2.5cm WL	2	piece
2.034	Micro Scissors for microvascular anastomosis, round handle, straight tip, Approximately 145mm/5 ¾” length, titanium made, non glair - non reflecting surface.	2	piece
2.035	Micro dissecting Scissors for microvascular anastomosis, round handle, curved tip, approximately 145 mm/5 ¾” length, titanium made, non glair - non reflecting surface.	2	piece
2.036	Micro forceps for microvascular anastomosis, jeweller type 0.15mm tip, approximately 110 mm (4 -3/8”) length, titanium made, non glair - non reflecting surface.	4	piece
2.037	Suture tying forceps for microvascular anastomosis, curved with plateau 0.3mm tip, approximately 135 mm/5-¼” length, titanium made, non glair - non reflecting surface.	4	piece
2.038	Biemer – muller approximators for microvascular anastomosis, straight, jaw opening 5 mm, Jaw length 9 mm, closing force 25G-30G, titanium made, non glair - non reflecting surface.	2	piece
2.039	Biemer applying forceps for microvascular anastomosis, without catch, approximately 140mm/ 5-½” length, titanium made, non glair - non reflecting surface.	2	piece
2.040	Biemer vessel clip for microvascular anastomosis, jaw opening 5mm, jaw length 9mm, closing force 20G-25G, titanium made, non glair - non reflecting surface.	4	piece
2.041	Reill Micro needle holder for microvascular anastomosis, without catch, curved tip, approximately 150mm/6” length, titanium made, non glair - non reflecting surface.	2	piece
2.042	IMA Heparin Cannula for microvascular anastomosis, malleable, 1.5mm tip diameter, titanium/stainless steel	4	piece
2.043	Vessel Dilating forceps for microvascular anastomosis, angled, approximately 10cm length, tip diameter 0.2mm, titanium made, non glair - non reflecting surface.	2	piece
2.044	Perforated Autoclave tray with lid and locking system, appropriate Size to accommodate all above mentioned Instruments, with silicone finger mat and Instrument holders , stainless steel/equivalent, compatible with	2	set

	autoclaving.		
2.045	Sugita interchangeable suction tube set (please do not exceed Rs 1,00,000) Balanced handpiece (Flat teardrop suction handle with safety coupling) which can be kept between thumb and forefinger space for a attaching a range of suction cannulas Balanced handpiece (Flat teardrop suction handle with safety coupling Cannulas are of the following sizes (3 to 12 french, each in following lengths - Short: 7.6 cm Medium: 9.5 cm Long: 11.4 cm Extra long: 13.3 cm. Also multihole tube type each 5, 7 and 9 french (all suction cannulas [43 numbers] should preferably come in its own case). The suction cannulas have to be pre-bent 30 degrees, malleable and rotatable and ability to change tube without discarding hand piece. (one set should contain all the above mentioned items)	1	set
2.046	Kerrison bone punch 1mm 90 degree up cut (long)	2	piece
2.047	Kerrison bone punch 1mm 90 degree down cut (long)	2	piece
2.048	Kerrison bone punch 2mm 90 degree forward up cut	5	piece
2.049	Kerrison bone punch 3mm 90 degree forward up cut	5	piece
2.050	Kerrison bone punch 3mm 130 degree forward up cut	5	piece
2.051	Kerrison bone punch 4mm 130 degree forward up cut	5	piece
2.052	Rotatable Kerrison Bone punch assembly (billy or equivalent) with two punches 1 mm and 2 mm each.	1	set
2.053	Micro Kerrison Convertible Ejector Ronguer with thin foot plate. Quote uniform price for all sizes. Sizes will be mentioned in purchase order.	1	set
2.054	Detachable Kerrison which allows rapid cleaning of debris with ejector mechanism. Quote uniform price for all sizes.	1	set
2.055	Leksell laminectomy ronguer.Narrow bite. 229 mm	1	piece
2.056	Suction tips - 1 mm	10	piece
2.057	Suction tips - 2 mm	10	piece
2.058	Suction tips - 3 mm	10	piece
2.059	Suction tips - 4 mm	10	piece
2.060	Right angle clamp (fine tip)	5	piece
2.061	Bull dog clamp	6	piece
2.062	Raney clip applicator	5	piece
2.063	Macdonald dissector	5	piece
2.064	Dural Guide	10	piece
2.065	Hudson's Brace Hudson's Brace set : consists of frame, extension piece, Spherical Burrs (13mm, 16mm, 19mm & 22mm – 1 No. each), Perforator Burrs (12mm, 15mm, 18mm & 20mm – 1 No. each) This brace must also be compatible with a non -plungeable (which does not perforate once bone is penetrated and dura is reached) disposable (single use) perforator from a major company like Codman which you can find at this link: https://www.depuysynthes.com/hcp/codman-neuro/products/qs/Disposable-Perforator	4	set
2.066	Howarth Dissector	6	piece
2.067	Artery Forceps, curved, Mosquito	10	piece
2.068	Artery Forceps, straight, Mosquito	10	piece
2.069	Microball Probes, 90 degree & 45 degree (one each)	2	set
2.070	Nerve Root Retractor	2	piece
2.071	Micro disc Punches, non- ceramic coated, straight & angled (one each)	5	set

2.072	Regular disc Punches,non- ceramic coated, straight & angled (one each)	2	set
2.073	Micro disc Punches, ceramic coated, straight & angled (one each)	5	set
2.074	Regular disc Punches, ceramic coated, straight & angled (one each)	2	set
2.075	Rhoton Micro dissector set	2	set
2.076	Vertebral Spreader which expands from within the disc space	2	piece
2.077	Vertebral Spreader which expands using a pin that penetrates vertebral body	2	piece
2.078	Luer - Stille Bone Rongeur, 225mm / 9"	2	piece
2.079	Frykhon Bone Rongeur, 240mm / 9-1/2"	2	piece
2.080	Mayfield Bone Rongeur, 175mm / 7"	2	piece
2.081	Echlin Bone Rongeur, 230mm / 9"	2	piece
2.082	Gigli Saw Holder	2	piece
2.083	Freer Periosteal Elevator, 185mm, 7-1/4", sharp & blunt (one each)	2	piece
2.084	Caspar Bone Curettes, 3.6mm, 4.4mm tip, straight & angled (one each)	2	piece
2.085	Jansen Self Retaining Retractor, 100mm, 4"	2	piece
2.086	Weitlander Self Retaining Retractor, 165mm, 6-1/2"	2	piece
2.087	Adson Self Retaining Retractor, 320mm, 12-3/4"	2	piece
2.088	Beckman Eaton Self Retaining Retractor, 320mm, 12- 3/4"	2	piece
2.089	Yasargil Micro scissors, straight tip	3	piece
2.090	Yasargil Micro scissors, 225mm, 9" - upwards curved tip	3	piece
2.091	Yasargil Micro scissors, 185mm, 7-1/4" straight, spring type with flat serrated handle. ISO certified, stainless steel. Sharp tip & Blunt tip (one each)	3	piece
2.092	Yasargil Micro scissors, 150mm, 6", non glare finish. ISO certified, stainless steel. Sharp tip & Blunt tip (one each)	7	piece
2.093	Vannas Micro scissors, 160mm, 6-1/4" straight, spring type with flat serrated handle ISO certified, stainless steel.	3	piece
2.094	Perneczky Micro scissors, 130mm, 5-1/8", straight cutting	3	piece
2.095	Micro suture tying forceps with round handle and plateau at the tips, 120mm, 4-3/4", 0.3mm tip	2	piece
2.096	Micro suture tying forceps with round handle and plateau at the tips, 180mm, 7", 0.5mm tip	2	piece
2.097	Micro forceps with diamond dust coating and round handle, 200mm, 8"	2	piece
2.098	Yasargil Micro needle holder, 200mm, 8"	2	piece
2.099	Micro Dissector, plate - shaped, 230mm, 9"	2	piece
2.100	Micro forceps with round handle and counter balance, 210mm, 8-1/4"	2	piece
2.101	Hardy Pituitary Curettes, 4mm, forward angled, straight	2	piece
2.102	Nicola Malleable Pituitary Curette	2	piece
2.103	Caspar 360 degree rotatable pituitary scissors	2	piece
2.104	Metzenbaum Scissors, 152 cm , microserrations at cutting edge, slim, black handle	3	piece
2.105	Metzenbaum Scissors, meddium size, 115 mm, Straight	3	piece
2.106	Metzenbaum Scissors, meddium size, 115 mm Curved	2	piece
2.107	Nelson-Metzenbaum Scissor, medium size, 115 mm curved	2	piece
2.108	Steven tenotomy scissors 15 cm with black coating	2	piece
2.109	Micro-Adson's Toothed Forceps, 150mm, 6"	2	piece

2.110	Ragnell fine cutting dissecting scissors with curved end 15 cm black coating.	2	piece
2.111	Standard Tissue Forceps, 145mm, 5-3/4"	2	piece
2.112	Hegar-Mayo Needle Holder, 150mm, 6", tungsten carbide tipe	2	piece
2.113	Shunt Tunneller, Adult	2	piece
2.114	Shunt Tunneller, Peadiatric	2	piece
2.115	Peritoneal Trocar	2	piece
2.116	Nerve Root Suction Retractor	2	piece
2.117	Liga clip applicator.	1	piece
2.118	Fukushima key hole sugita aneurysm clip applicator with very thin profile and milled grip to secure large and mini clips	1	piece
2.119	Perneckzy type Aneurysm Clip applying forceps	2	piece
2.120	Lawton Deep Cavernous Malformation Set (should not exceed 1 lakh) Should contain straight, 30 and 45 degree angled and reverse angled 1 mm thick dissectors	1	set
2.121	Spurling black coated intervertebral disc ronguers with semidetachable shaft with ceramic coating	2	set
2.122	Olivecrona Dura forceps 2x3 fine teeth . 15 cm	2	piece
2.123	Osteotome with 8 mm edge	2	piece
2.124	Mallet (hammer) with teflon insert, phenolic handle	2	piece
2.125	Castroviejo Caliper 8 cm	2	piece
2.126	Instrumentation for Cranioplasty using micro plates and screws includes the following. 1)Screw Driver Handle -1No, 2) Screw driver shaft-2No, 3)Plate Bender-2Nos, 4)Plate Cutter-1No, 5) Plate Holding Grasping Forcep-1No.	2	set
2.127	Instrumentation for Flap fixation clamp system includes the following. 1) Clamp Appying Forceps -1No, 2) Clamp holding forceps-1No, 3) Rod Cutter-1Nos, 4)Clamp Removing Forceps-1No, 5) Instrumentation Tray for holding the instruments	2	set
2.128	Parallel Bar with Postural correction Mirror : parallel bar with height adjustable and postural correcton mirror, both front and back ends with foot stool	1	set
2.129	Static Cycle : Power 220 - 240 V, 50/60 Hz, Acceleration, deceleration and pedal rotation, retro cycling capabilities, Iso kinetic mode, constant power mode, optional cardiac mode, LED display, narrow pedal spread, low step-over" height, adjustable handle bars, for/aft seat adjustment, adjustable pedal cranks, universal seat adapter. Two years warranty	1	set
2.130	Recumbent Bike : Single LCD window. Dimensions : length 120 - 135 cms, width 55-60 cms, height 90- 95 cms. Fly wheel %kg with 5 level tension knole, hand pulse control, adjustable seat, easy transport with wheels, anti skid pedals with saftey straps, heavy duty crank susem. Two years warranty	1	set
2.131	Motorised Tilt Table with Vital Monitor and Pulseoximeter : Tilt table with electrically operated, three position straps, table to be provided with utility tray and two gripping handles for A D L activities, works standing position mannually with warm gear arrangement, heavy duty motor with pulse button control switches. Table size 61 cm width x 195 cm length x 80 cm height. Heavy duty tubular frame with 4 locking wheels of 10 cm diameter. Power 220 V AC. Two years warranty	1	set

2.132	<p>Interferential Therapy and Tens :- Medium frequency : 2 KHz & 4 KHz, Base AMF : 1 - 150 Hz, Spectrum AMF : 0 - 150 Hz, Spectrum Programmes : Linear, Trapezoidal, Non Linear. Spectrum time : 6 sec & 12 sec. Therapy mode : 4 pole inerferential therapy(static), 4 pole vector interferential therapy (dynamic). Treatment time : 15 minutes pre-settable (can be set between 1 - 99 mts.). Intensity : 0 -100 mA continuously variable (I mA steps). Balance control : to equalise both the channel currents. Output display: LCD display will show the real patient current continuously for CH 1 & CH 2. Tens frequency : 1 to 150 Hz. Russian current : 2500 Hz Sine wave.</p> <p>TENS :- Output Current : 0 to 60 mA, Output Voltage : 0 to 100v (Peak to Peak), Frequency : 1 to 200Hz, Pulse width : 75 to 360µs, Output waveform : Symmetric, Treatment time : 5 - 20 Minutes, Alarm : The Buzzer alarms when the INTENSITY CONTROL is not at zero. Types of TENS : 1. Traditional TENS (Hi TENS, Normal TENS), 2. Acupuncture TENS (Lo TENS, AcuTENS), 3. Brief Intense TENS, 4. Burst Mode TENS, 5. Modulation mode TENS. Two years warranty</p>	2	set
2.133	<p>Ultrasound : Maximum output : 2.5 watts'/sq.cm, Operating frequency : 1 MHz & 3 MHz, Mode of operation : Continuous mode & pulsed mode, Pulse Ratios : 1:1, 1:4, 1:7 & 1:10, Treatment Time : 0 - 99 minutes, Alarm : The buzzer alarms when the treatment time counts down to zero, Display : LED. Two years warranty.</p>	2	set
2.134	<p>Transcutaneous Electrical Nerve Stimulator (TENS) : Treatment Mode : Faradic,surged faradic, Galvanic & Interrupted Galvanic. Faradic : frequency 50 HZ and pulse width 0.7 ms. Surged Faradic: frequency 50 HZ and surged duration 1 sec - 6 sec (Continuously adjustable). Interupted Galvanic :frequency 1 HZ, duration 30ms - 300 ms (continuously adjustable). Diagnostic option : should be able to do SD curve. Two years warranty.</p>	2	set
2.135	Weight Cuff with velcro strap. Set of 1kg, 2kg & 3kg cuffs (one set should ocntain all the items)	4	set
2.136	Rubber Dumbells. Set of 1kg, 2kg & 3kg dumbells for muscle strengthening	4	set
2.137	Resistance Band (Thera Band with different levels of resistance with colour code) : Colour of bands : yellow, red, green, blue, black and silver. Length of bands : - 1.5 mtr each. Quote uniform rate for all bands. The exact quantity and type of band will be mentioned at the time of order placement.	60	piece
2.138	Frame Walker (Medium size)	5	piece
2.139	Foldable Walker for making the patient to walk with support	10	piece
2.140	Quadripod for making the patient to walk with minimal support	20	piece
2.141	Tripod for making the patient to walk with minimal support	10	piece
2.142	Spinal Braces (Taylor's Brace) : Size: Small, Medium & Large. Quote uniform rate for all sizes. The actual requirement of sizes will be intimated at the time of order placement	6	piece
2.143	Gardner - Wells Skull Tongs along with Traction Pulley and 10kg weights (1kg - 6 Nos., 2kg - 2 Numbers) The skull tonges should have spring loaded pins.	5	set
2.144	Mesh bender for easy bending of dynamic titanium meshes that can be contoured.	5	piece
2.145	Titanium mesh cutter	5	piece

2.146	Inline blood and fluid warmer with ability to allow flow rate of 50 to 5000 ml per hour through a triple lumen tubing to maintain normothermia with three year warranty	2	piece
2.147	Flying insect trap based on ultraviolet light to attract and high voltage killing mechanism. 40 Watts or better. The lamps should last one year or an extra set should be provided if it will not last 365 days on continuous operation 24/7	3	piece
2.148	Patient positioning silicone/deformable polymer Gel Device (Sacral protector-Adult)	4	piece
2.149	Patient positioning silicone/deformable polymer Gel Device (Sacral protector-pediatric)	2	piece
2.150	Patient positioning silicone/deformable polymer Gel Device (Flat Arm Board Pad-Adult)	4	piece
2.151	Patient positioning silicone/deformable polymer Gel Device (Flat Arm Board Pad-Pediatric)	2	piece
2.152	Patient positioning silicone Gel/deformable polymer Device (Heel Support Pad - Adult)	4	piece
2.153	Patient positioning silicone Gel/deformable polymer Device (Heel Support Pad - Pediatric)	2	piece
2.154	Patient positioning silicone/deformable polymer Gel Device (Dome - Flat bottom chest roll - Pediatric)	2	piece
2.155	Patient positioning silicone/deformable polymer Gel Device (Dome - Flat bottom chest roll - Adult)	2	piece
2.156	<p>Ultraslim, single use, flexible scope for air-way visualisation and bronchoscopy in ICU. Optical system should have following specifications:</p> <p>Field of View 85° Direction of View 0° (forward viewing) Depth of Field 8-19 mm Illumination method LED Insertion portion Bending section 130° up, 130° down° Insertion cord diameter 3.8 mm (0.15") Distal end diameter 4.2 mm (0.16") Maximum diameter of insertion portion 4.3 mm (0.17") Minimum endotracheal tube size (inner diameter) 5.0 mm Minimum double lumen tube size (inner diameter) 37 Fr Working length 600 mm (23.6") Channel Average inner diameter 1.2 mm (0.047") Minimum instrument channel width 1.2 mm (0.047") Suction connector Connecting tube inner diameter range Ø7mm +/- 1mm</p>	10	set
2.157	Control unit that will interface with the single use iso-thermic skin temperature probe described in the consumables section. It should be compact with the largest dimension not greater than 9 cm. Weight should not be more than 140 grams. Supply five skin temperature probes also.	3	set
2.158	Single LED Torch Light : 5000 m candela at least, with waterproof yellow body and bright focused light with three double AA battery.	2	set
2.159	Two terabyte external hard drive, portable without need for external power (to be installed in neurosurgery office computer), one year guarantee. If	5	piece

	two terabyte is not available quote for one terabyte. Backup software along with device.		
2.160	Blu ray DVD writer (combo-drive). Standalone with 6 x speed that is compatible with latest windows and Mac operating system. It should write and read ordinary CD and DVD and M-Disc too. Supply 20 blu ray discs also.	2	piece
2.161	USB Capture Card for video capture (standard definition), USB Triple foot switch & Connecting Cables with 1 year warranty on software and hardware. Software for capturing video, archiving and organising in a DVD Installer, USB License Dongle, Installation Guide, User manual and service support.	1	set
2.162	Hand Cuff Pressure Gauge and inflator <ul style="list-style-type: none"> • Gauge Monitor intra cuff pressure of Endo Tracheal Tubes/ Tracheostomy Tubes should have Convenient, ergonomic design • Should be able to inflate or deflate cuff as per requirement • Should form an adequate seal and safe cuff pressure • Should Calibrated in cm of water • Should fitted with clip attachment for storage & Quick access for intra cuff pressure monitoring. • Should have additional extension cord supplied with the instrument • Should have button to adjust pressure (reducing cuff pressure) • Should have the provision in the bottom of instrument for deflating the cuff 	12	set
2.163	Hot, Cold and Normal Water Dispenser with Refrigerator(Standard) Normal standing design with 14 liter refrigerator at bottom 3 temperature taps - Hot, plain and cold. 3 liter cooling and 5 liter heating capacity per hour. Body made of ABS plastic and tank made of Food grade stainless steel. Heavy duty bottle piercer with bottle holder. Color - White and blue. Three years warranty See this link for an example: http://www.amazon.in/dp/B00V679BEC/ref=wl_it_dp_o_pd_S_ttl?encoding=UTF8&colid=2K5U39DH3BWIV&coliid=I29OLMMWV81EO4	1	piece
2.164	3d Printer which will accept PLA (medical grade polylactic acid) filaments for 3d printing of anatomical structures such as skull vault. Printer Specifications: Included Printing Material: 2 PLA Filament Rolls Extruder: MK10 Single-Extruder Filament Size: 1.75mm Dedicated Top Hotend Temperature: 260°C (Short-term), 240°C (Long-term) Layer Capability: 0.1mm (100 microns) Build Envelope: 200mm x 200mm x 180mm (8in. x 8in. x 7in.) Build Surface: Heated Bed Plate and Adhesive Sheet Filament Capabilities: PLA, ABS, PVA, Stainless Steel, NinjaFlex, Nylon, HIPS, Woodfill, LayBrick, CopperFILL, BronzeFILL, MOLDLAY, Conductive, Carbon Fiber, Polyurethane plus more! Compatible Software: Repetier (Opensource), CURA (Opensource), MatterControl (Opensource), Simplify 3D (Details) File Type: Gcode File Transfer: microSD Card & USB Frame Color: Steel Frame (Powder Coated Black) PACKAGE should include a minimum of The Duplicator i3 printer Single Step extruder MK10, 1x spool holder, Hex Wrench and bolt Kit, 1 x SD card, 2 x Wanhao platform tape, 10 meters PLA filament, 1 x Power supply cable, 1 x USB A to B cable, 1 x filament stand	1	set

2.165	Implant module with three lift out inlays for storage of plates, screwdrivers and drill bits capable of storing titanium mesh up to 90 x 90 Mm under the screw bay. Include a screw driver.	2	set
2.166	Driver for quick fixation of the cranial flap. The driver should drive a the spike of titanium clip into the diploe of the bone flap which can later be used to fix the bone flap	2	set
2.167	Patient warmer based on convective forced air warming technique with ten adult blankets and ten pediatric blankets to be supplied. Filter change indicator is desirable. Two years warranty is essential.	2	set
2.168	Intracranial pressure monitor (supply one compatible parenchymal or subdural or ventricular consumable item)	2	set
2.169	1080p 30fps and 1080p 60fps webcam with H 264 encoded compression (Logitech C920 HD Pro Webcam or equivalent)	3	piece
2.170	Compact non-contact thermal imaging camera (FLIR Compact InfraRed Cameras or equivalent) with exact temperature read out	3	piece
2.171	Regular room Air purifier working on the basis of forced air through High efficiency particulate (HEPA) filter and activated carbon filter to absorb pollutants and volatile organic compounds. Clean air delivery rate (CADR) should be 300 m ³ per hour or better. For use in ICU or rooms	4	piece
2.172	High-end room Air purifier working on the basis of forced air through High efficiency particulate (HEPA) filter and activated carbon filter to absorb pollutants and volatile organic compounds. Clean air delivery rate (CADR) should be 300 m ³ per hour or better. Actual measurement of particulate pollutants should be displayed. There should be WIFI connectivity to android or IOS devices to send information on air quality. Ion cluster generation. For ICU or rooms	4	piece
2.173	Ultrasonic cleaning machine for delicate microsurgical instruments. 3 liter capacity or better. Should fit multiple bayonetted forceps and aneurysm clip appliers (atleast five) of size of 20 cm each.	3	piece
2.174	Sequential compression device to prevent deep vein thrombosis. Should have battery back up for eight hours, led indication for power-on and pump function. Should not weigh more than 3 kg. Provide one set of consumable sleeves and tubings and quote for compatible sleeves and consumables the consumable section above. Two years warranty is essential.	2	set
2.175	Long screwdriver for placing the stereo-EEG electrode	2	piece
2.176	Wrench for placing the stereo-EEG electrode	2	piece
2.177	Clamp for placing the stereo-EEG electrode	2	piece
2.178	Ruler for the stereo-EEG electrode	2	piece
2.179	Drill (length of 200 mm) for placing the stereo-EEG electrode	2	piece
2.180	Drill (length of 250 mm) for placing the stereo-EEG electrode	2	piece
2.181	Stylet with stopper for placing the stereo-EEG electrode	2	piece
2.182	Straight coagulation electrode 30 mm compatible with the stereo-EEG electrode	2	piece

Additional tender conditions:

1. Samples to be submitted for all consumable items, otherwise your bid will not be considered.
2. Sample / Demonstration / Catalogue of Instruments should be made available failing which the bid will not be considered.
3. All Instruments should have Company name, Catalogue number, Manufacturing lot number embossed on each and every instrument.
4. Firms participating in the tender must demonstrate samples of the items if they are specifically asked to do so. A certificate should be taken from the department, signed by a neurosurgery consultant that samples were given and/or a demonstration was done.
5. The name and address of the manufacturer must be printed on the packaging of the disposable items failing which the tender is liable to be rejected.
6. The disposable items must have a shelf life of at least 2 years at the time of supply unless the original manufacturer writes, in the product insert, that the expiry date is less than two years from date of manufacture, in which case, the time till expiry should be 75% or more of the time described.
7. Staggered supply should be arranged, every two months, for items that occupy storage space, on our request.
8. All instrumentation (implants) should be MRI compatible.
9. In case of non-consumable with compatible proprietary consumable, L1 will be calculated based on combined value of equipment (total required) with consumable (total projected quantity).
10. Please read specification carefully since many details, including numbers have been changed.
Please do not cut and paste previous quotes!!"

Section-III

GENERAL INSTRUCTIONS TO TENDERERS

1. Period of contract:

The contract shall initially be for a period of **one year** that may be extended to **6 months**. The rates approved shall remain unchanged during the period of contract.

2. Bid Security (Earnest Money Deposit)

- i. In compliance with the OM No. F.9/4/2020-PPD dated 12.11.2020 on the subject —Bid Security/ Earnest Money Deposit, issued by the Procurement Policy Division, Department of Expenditure, Ministry of Finance, Government of India, there is no need for bidders to pay Bid Security/ Earnest Money Deposit for participating in this tender.
- ii. However, in lieu of Bid Security, the bidder must print this —Bid Security Declaration on his/her firm's letterhead duly sign the undertaking and upload the document in the fee cover.
- iii. The bidder hereby declares that they accept the condition that if they withdraw or modify their bids during period of validity etc., they will be suspended for a period of two years from participating in any tender invited by JIPMER, Puducherry with effect from the date of their withdrawal or modification of their bid.

3. Eligibility conditions of bidders:

- i. The Tenderer must be a domestic manufacturer that is a 'Class-I local supplier' or a 'Class-II local supplier' as defined under Public Procurement (Preference to Make in India), order 2017 of MoC and I (DIPP), Govt. Of India, as further amended by orders of even number dated 28.05.2018, 29.05.2019, 04.06.2020 and 16.09.2020. In case the manufacturer does not quote directly, they may authorize an agent as per proforma of Manufacturer authorization form as given in the Tender enquiry document to quote and enter into a contractual obligation.
- ii. In compliance with order (Public Procurement No.1) No. 6/18/2019-PPD dated 23rd July 2020 issued by the Public Procurement Division, Dept. of Expenditure, Min of Finance under Rule 144(xi) of GFR 2017 any bidder 'from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.
 - a. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
 - b. "Bidder from a country which shares a land border with India" for the purpose of this Order means: -

- I. An entity incorporated, established or registered in such a country; or
- II. A subsidiary of an entity incorporated, established or registered in such a country; or
- III. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- IV. An entity whose beneficial owner is situated in such a country; or
- V. An Indian (or other) agent of such an entity; or
- VI. A natural person who is a citizen of such a country; or
- VII. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

c. The beneficial owner for the purpose of (5.2.2) above will be as under:

- I. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation—

- "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent, of shares or capital or profits of the company;
 - "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
- II. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.
 - III. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals.
 - IV. Where no natural person is identified under (a) or (b) or (c) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 - V. In case of a trust, the identification of the beneficial owner(s) shall include the identification of the author of the trust, the trustee, the beneficiaries with 15% or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

d. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

e. In case of turnkey contracts, the successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

- f. Bidders must certify compliance with the above mentioned provisions in the tender form as per Section VII.
- g. The bidder should have successfully completed the delivery of the item of at least 25% of the quantity required in this tender to a government hospital in the last 3 years.
- h. The bidder or the manufacturer must have an average annual turnover of at least Rs.1,00,00,000/-(Rupees one crore only) each during the last three financial years i.e. 2017-18, 2018-19, 2019-20.
- i. Bidder should have ISO Certification.

4. Purchase Preference

- i. The Procurement of goods and services under this e-tender will be regulated as per the applicable provisions of Public Procurement (Preference to Make in India), order 2017 of MoC and I (DIPP), Govt. Of India, as further amended by orders of even number dated 28.05.2018, 29.05.2019, 04.06.2020 and 16.09.2020. Salient portions of the order are reproduced in Appendix A of this tender document by way of information. Bidders are advised to see the original orders and satisfy themselves that they qualify to participate in the tender. Bidders who are claiming eligibility to participate in this tender must submit a certificate in format given in Appendix A along with documentary evidence in support of their claim wherever necessary failing which their bid will be summarily rejected. The purchaser reserves the right to give preference to the 'Class-I local supplier'.
- ii. The Purchaser reserves the right to give the purchase preference to small-scale sectors, Micro and small scale enterprises etc. as per the instruction in vogue while evaluating, comparing and ranking the responsive Tenders as given in the MSMED Act 2006 reproduced below:
 - a. In exercise of powers conferred in Section 11 of the Micro, Small and Medium Enterprises Development (MSMED) Act 2006, the Government has notified a new Public Procurement Policy for Micro & Small Enterprises effective from 1st April 2012. The policy mandates that 25% of procurement of annual requirement of goods and services by all Central Ministries/Public Sector Undertakings will be from the micro and small enterprises. The Government has also earmarked a sub-target of 4% procurement of goods & services from MSEs owned by SC/ST entrepreneurs out of above said 25% quantity.
 - b. In accordance with the above said notification, the participating Micro and Small Enterprises (MSEs) in a tender, quoting price within the band of L1+15% would also be allowed to supply a portion of the requirement by bringing down their price to the L1 price, in a situation where L1 price is from someone other than an MSE. Such MSEs would be allowed to supply up to 25% of the total tendered value. In case there are more than one such eligible MSE, the 25% supply will be shared equally. Out of 25% of the quantity earmarked for supply from MSEs, 5% quantity is earmarked for procurement from MSEs owned by SC/ST entrepreneurs. However, in the event of failure of such MSEs to participate in the Tender process or meet the

tender requirements and the L1 price, the 5% quantity earmarked for MSEs owned by SC/ST entrepreneurs will be met from other participating MSEs.

- c. The MSEs fulfilling the prescribed eligibility criteria and participating in the Tender shall enclose with their tender a copy of their valid registration certificate with District Industries Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or any other body specified by Ministry of Micro and Small enterprises in support of their being an MSE, failing which their tender will be liable to be ignored.
- d. Special provision for Micro and Small Enterprise owned by women: – Out of the total annual procurement from Micro and Small Enterprises, 3 per cent from within the 25 per cent target shall be earmarked for procurement from Micro and Small Enterprises owned by women.
- e. Note: “If the bidder is a MSME, it shall declare in the bid document the Udyog Aadhar Memorandum Number issued to it under the MSMED Act, 2006. If a MSME bidder do not furnish the UAM Number along with bid documents, such MSME unit will not be eligible for the benefits available under Public Procurement Policy for MSEs Order 2012.

5. Demonstration of sample

The tenderer must give a sample within **ten** days of the closing of online submission of bids failing which the bids will be rejected.

6. Instructions for the filling the tender form

- i. E-Tender form shall be completed in all respect, signed in full and stamped at appropriate places and initialed and stamped on all remaining pages. Incomplete or e-tenders without tender processing fee, bid security declaration, Make-in-India self-certification as in Appendix-A only by original manufacturer, GFR 144 (xi) compliance certificate as in Section-X shall be treated as invalid.
- ii. Bidders have to ensure that all the documents are properly filled.
- iii. Conditional tenders are liable to be rejected.
- iv. Bids received and found valid will be evaluated by JIPMER to ascertain the complete work/services under the specification and documents. The bidder should take care to submit all the information sought by JIPMER in prescribed formats.
- v. Incomplete bids, bids in paper format, conditional bids, telephonic bids or tenders submitted after the due date and time will not be considered and summarily rejected. Vendors are, therefore, advised to submit their bids well on time.
- vi. **The bidder can quote for one or more items mentioned in the list. Bidder has to give all details (HSN, MSME, Make-in-India, make/brand, model, pack size and remark) mentioned in BOQ for all quoted items, failure of that the bid will be rejected summarily.**

7. Submission of tenders

The bidders must ensure that they submit the **on-line bids** within the scheduled closing date & time.

8. Late Tender:

There is NO PROVISION of uploading late tender beyond stipulated date & time in the e-tendering system.

9. Alteration and Withdrawal of Tender

- i. The bidder, after submitting its bid, is permitted to alter/modify its bid, within the deadline for submission of bids. Alterations/modifications to bids received after the prescribed deadline will not be possible on the e-tender portal.
- ii. No tender should be withdrawn or modified after the deadline for submission of tender and before expiry of the tender validity period. If a bidder withdraws or modifies the tender during this period, it will result in the tenderer being suspended from participating in all tenders invited by JIPMER for a period of two years with effect from the date of withdrawal, as per the terms and conditions of bid security declaration furnished by the bidder in its tender.

10. Preparation of e-tenders

This is a Two-Bid Tender system, consisting of the **Techno-Commercial Bid and Price Bid** that are to be uploaded in the prescribed formats in the e-tendering portal. The tender(s) shall only be submitted online as mentioned below:

I. **Techno-commercial Bid shall comprise**

- a. Fee Cover
 - i. **E-tender Processing fee** of Rs.590/- (Rupees five hundred and ninety only) inclusive of 18% GST payment **receipt** duly self-attested and rubber stamped should be uploaded.
 - ii. Scanned copy (100 or 200 DPI) in pdf format of **Bid Security Declaration** as per format attached in Section-IX
- b. In the cover named “Prequal/Technical” the scanned copy in pdf format of the following documents are to be uploaded:
 - i. The **Bidder’s Profile** as in Section-VI, **Tender Form** as in Section-VII must be downloaded duly filled signed and stamped, and an **Authorization letter** for signing tender documents if a person other than the Owner, Partner, Managing Director is signing the documents, must be uploaded as a single PDF file.

- ii. **Copies of Supply orders/Completion certificate** in support of Eligibility condition 1 and 2 and **Copies of abridged Annual report of last 03 years** (Income tax return acknowledgement, Assets and Liabilities, Balance sheet and Profit & Loss Account) must be uploaded as a single PDF file
- iii. **Manufacturer's Authorization letter** in company letterhead in format in given Section-VI and, in case the bidder is empaneled by the Competent Authority under **GFR 144 (xi) (mandatory)** a copy of the same or **GFR 144(xi) compliance certificate** as in Section-X must be uploaded.
- iv. Copy of Self Certified **GST registration certificate** and Copy of **PAN Card** must be uploaded as a single PDF file.
- v. **Bank Details** (Beneficiary name, Bank name, Account number, IFSC code, Branch address on letterhead) and **Check list** as in Section-VIII in the prescribed format duly filled and signed must be uploaded as a single PDF file.
- vi. Self-certification for supporting the claim to be a local supplier under the "Public Procurement preference to Make in India" order in format as in **Appendix-A (mandatory)** and any other document that the bidder wishes to submit as a single PDF file.
- vii. **A file mentioning the list of items without price** for which bidder is quoting must be uploaded as a single PDF file.

II. Price Bid:

Prices are to be quoted in the prescribed Price Bid format provided in the e-tender portal using the BOQ template only. The price should be quoted for the **accounting unit** indicated in the e-tender document.

Note:

- i) The bidder has to be diligent while filling up the Techno-Commercial Bid and Price Bid provided in prescribed formats and must not tamper with the contents of the sheets.
- ii) Bidders must ensure that the documents uploaded in pdf format are legible.
- iii) It is the responsibility of bidder to go through the Tender document to ensure furnishing all required documents in addition to above, if any.
- iv) The Make in India self-certification as in Appendix-A must be given and uploaded by original manufacture. The distributor can upload the Appendix-A given by original manufacture.
- v) ITE- Item-wise Eligibility Sheet should be downloaded, the items that the bidder wishes to quote must be selected as "Eligible", and this "ITE file" must also be uploaded for the price bid to be considered by the system. The selected items will be displayed once uploaded and the bidder can verify that all items he wishes to quote for, are present in the list
- vi) A person signing (manually or digitally) the tender form or any documents forming

part of the contract on behalf of another shall be deemed to warrant that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages.

- vii) A bid, which does not fulfill any of the above requirements and/ or give evasive information/reply against any such requirement, shall be liable to be ignored.
- viii) Tender sent by fax/telex/cable shall be ignored.

11. Digital Signing of Tender

The tenderers shall submit their tenders as per the instructions contained as above. Tenders shall be uploaded with all relevant tender documents in the prescribed format. The relevant tender documents should be uploaded by an authorized person having Class 3 digital signature certificate.

12. Tender currencies.

The tender shall be quoted only in INR.

13. Additional information and instruction on GST:

If the Tenderer desires to ask for GST or any other taxes to be paid extra, the same must be specifically stated. In the absence of any such stipulation, the price will be taken inclusive of such taxes and no claim for the same will be entertained later. The rate of GST quoted in the tender shall be taken for price comparison. However, the rate of GST quoted in the tender or the actual rate of GST applicable, whichever is lower shall be payable by the purchaser. The supplier can charge a higher GST than quoted in the tender only if the rate of GST was revised by the government after the tender closing date.

14. Bid Security (Earnest Money Deposit)

- i. In compliance with the OM No. F.9/4/2020-PPD dated 12.11.2020 on the subject —Bid Security/ Earnest Money Deposit^{tl}, issued by the Procurement Policy Division, Department of Expenditure, Ministry of Finance, Government of India, there is no need for bidders to pay Bid Security/ Earnest Money Deposit for participating in this tender.
- ii. However, in lieu of Bid Security, the bidder must print this —Bid Security Declaration^l on his/her firm's letterhead duly sign the undertaking and upload the document in the fee cover.
- iii. The bidder hereby declares that they accept the condition that if they withdraw or modify their bids during period of validity etc., they will be suspended for a period of two years from participating in any tender invited by JIPMER, Puducherry with effect from the date of their withdrawal or modification of their bid.

15. Tender opening

- i. The Tender Inviting Authority will open the e-tenders at the specified date and time and at the specified place as indicated in the NIT. In case the specified date of tender opening falls on / is subsequently declared a holiday or closed day for the Tender Inviting Authority, the tenders will be opened at the appointed time and

place on the next working day.

- ii. Authorized representatives of the tenderers, who have submitted tenders on time, may attend the tender opening provided they bring with them letters of authority from the corresponding tenderers. The tender opening official(s) will prepare a list of the representatives attending the tender opening. The list will contain the representatives' names & signatures and corresponding tenderers' names and addresses.
- iii. This being a Two-Bid Tender system, the **Techno-Commercial Tenders** are to be opened in the first instance, at the prescribed time and date as indicated in NIT. These Tenders shall be scrutinized and evaluated by the competent committee/ authority with reference to parameters prescribed in the tender document. During the Techno- Commercial Tender opening, the tender opening official(s) will read the salient features of the tenders like brief description of the goods offered, delivery period, bid security declaration and any other special features of the tenders, as deemed fit by the tender opening official(s). Thereafter, in the second stage, the Price bids of only the Techno - Commercially acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation on a date notified after the evaluation of the Techno-Commercial tender.

16. Scrutiny and evaluation of tenders

A. Basic Principle

Tenders will be evaluated on the basis of the terms & conditions already incorporated in the tender enquiry document, based on which tenders have been received and the terms, conditions etc. mentioned by the tenderers in their tenders. No new condition will be brought in while scrutinizing and evaluating the tenders.

B. Scrutiny of Tenders

- i. The Purchaser will examine the Tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished and, whether the documents uploaded are in legible form.
- ii. The Purchaser's determination of a Tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.
- iii. The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the tender document. The tenders, which do not meet the basic requirements, are liable to be treated as non-responsive and will be summarily ignored.
- iv. The following are some of the important aspects, for which a tender shall be declared non-responsive during the evaluation and will be ignored;
 - i. Tender validity is shorter than the required period.
 - ii. Non-submission of Bid Security Declaration.
 - iii. Non-submission of receipt of tender processing fee.
 - iv. Non-submission of self-certification in format as given in Appendix-A only by original manufacturer, for determining eligibility to participate in the tender under the "Public Procurement preference to Make in India" order.
 - v. Non-submission of GFR-144 (xi) compliance certificate.

- vi. Tenderer has not agreed to give the required performance security of required amount in an acceptable form.
- vii. Non-submission of samples within ten days of the closing of online submission of bids
- viii. Poor/ unsatisfactory past performance.
- ix. Tenderers who stand de-registered/banned/blacklisted by any Central Govt. Ministries/Departments/Hospitals/Institutes.
- x. Tenderer is not eligible as per tender conditions.
- xi. Tenderer has not quoted for the entire quantity as specified in the List of Requirements/ BOQ for the item quoted.
- xii. Non-submission of all details of quoted items (HSN, MSME, Make-in-India, make/brand, model, pack size and remark).
- xiii. Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry, like delivery terms, delivery schedule, terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.

17. Minor Informality/Irregularity/Non-Conformity

If during the preliminary examination, the purchaser find any minor informality and/or irregularity and/or non-conformity in a tender, the purchaser may waive the same provided it does not constitute any material deviation and financial impact and, also, does not prejudice or affect the ranking order of the tenders. Wherever necessary, the purchaser will convey its observation on such 'minor' issues to the tenderer by registered/speed post etc. asking the tenderer to respond by a specified date. If the tenderer does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, that tender will be liable to be ignored.

18. Award of work

- i. The selection of the agency will be at the sole discretion of the JIPMER who reserves its right to accept or reject any or all the proposals without assigning any reason thereof.
- ii. The lowest bid will be evaluated on the basis of annual estimated amount as quoted by bidders in the quotation including taxes.
- iii. Upon evaluation of offers the decision on the award of contract will be intimated to the successful bidder.
- iv. The annual estimate is given only as an indication. The actual quantity procured may increase or decrease. No assurance is given that the quantity stated will actually be procured.

Section-IV

GENERAL CONDITIONS OF CONTRACT

1. **Price of goods**

The rate quoted in the e-tender will be fixed for the whole contract period.

2. **Technical Specifications and Standards**

The Goods & Services to be provided by the supplier under this contract shall conform to the technical specifications mentioned in “Technical Specification” under Section II.

3. **Terms of Delivery**

- i. Goods shall be delivered by the supplier within 30 days of issue of supply order. Please note that the time shall be the essence of the contract.
- ii. Any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:
 - a) Imposition of liquidated damages,
 - b) Forfeiture of its performance security and
 - c) Termination of the contract for default.

4. **Liquidated Damages**

If the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 11. Since the Liquidated damages are in virtue of non-performance of services, it will attract GST or any other applicable taxes which in turn shall be deducted from the bidder.

5. **Performance Security**

The successful bidder shall have to deposit an amount 3% of the value of contract as Performance Security Deposit (PSD) within two weeks after award of contract, through SBI Collect available on JIPMER website. In the event of any failure /default of the supplier with or without any quantifiable loss to the purchaser, the amount of the performance security is liable to be forfeited.

Subject to the condition mentioned above the Performance Security will be released without any interest to the supplier on completion of the supplier's all contractual obligations

including the warranty obligations and extension of time (with or without Liquidated Damages).

6. Payment Procedure

The contractor shall submit bill in triplicate upon satisfactory supply of goods. Bill must be raised based on the rate quoted in e-tender. Every effort shall be made to ensure that the payment will be made within 45 days of submission of bill. No advance payment will be considered. TDS will be deducted as per provision of Income Tax Act, GST Acts and other statutes as relevant.

7. Risk Clause

The contractor shall at all times have standby arrangements for carrying out the work under the contract, in case of any failure of the existing arrangements. JIPMER reserves the right for termination of the contract at any time by giving 30 days written notice, if the items delivered are found to be unsatisfactory and also has the right to award the contract to the next higher bidder willing to supply the item at the cost, risk and responsibilities of contractor and excess expenditure incurred on account of this will be recovered by JIPMER from the contractor's Performance Security Deposit or pending bills or by raising a separate claim.

8. Termination clause:

During the period of agreement if it is found that the agency is not providing proper services, the JIPMER reserves rights to make the vendor forfeit the security deposit deposited with JIPMER or part thereof in favour of JIPMER and agreement will be terminated after giving 30 days' notice. Furthermore, in such situations, tender can be allotted to second lowest bidder and the difference in cost shall be recovered from the earlier vendor who is breach of the contract. In addition in case it is found that the supplier is charging by fraudulent means or indulging in criminal activities the contract will be terminated immediately.

9. Jurisdiction of the courts

Jurisdiction of the courts for settlement of disputes:- Jurisdiction for the settlements of disputes if any is Puducherry only.

In above mentioned conditions Director JIPMER reserves all the rights.

Section-V

BIDDER'S PROFILE

This form duly filled and signed by authorized representative of the bidder and the scanned copy must be uploaded online

1.	Name & Designation of the contact person	
2.	Name and Address of the Tenderer	
3.	Phone No a) Land line number (functional between 9 am and 5pm)	
4.	Mobile No of contact person (available from 9am to 6pm)	
5.	Email ID of the Tenderer	
6.	Email ID of the contact person	
7.	Local supplier/Distributor in Chennai/ Puducherry or any other place (complete address must be written)	
8.	Manufacture Name	
9.	Manufacture Address	
10	Whether Tenderer is registered MSE Manufacture the product quoted. (If registered MSE, submit copy of the Udyog Aadhaar certificate or Equivalent Certificate)	Yes / No
<p>If there is any change in the above details, I will immediately intimate you by speed post or fax or email</p> <p>I.....hereby declare that the details given above are true to the best of my knowledge and I have thoroughly read and understood the terms and conditions of the tender and shall abide by the rules,</p> <p style="text-align: right;">Signature (Name and Designation & Seal)</p> <p>Dated:</p>		

NB: This form must be duly filled in by an authorized person

Section-VI
MANUFACTURER'S AUTHORISATION FORM
(Letterhead)

The Director,
JIPMER, Puducherry

Dear Sir,

Ref: Your TE document No: _____ dated: _____

We, _____ who are proven and reputable manufacturers of _____ (name and description of the goods offered in the Tender) having factories at _____, hereby authorize Messrs. _____ (name and address of the agent) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also state that we are not participating directly in this tender for the following reason(s):
_____. (Please provide reason here).

We further confirm that no supplier or firm or individual other than Messrs _____ (name and address of the above agent) is authorised to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us. We also hereby extend our full warranty, CMC/AMC as applicable as per the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document. We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorised agent.

We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly”

Yours faithfully,
[Signature with date, name, designation and Email]
for and on behalf of Messrs _____
[Name & address of the manufacturers]

Note:

- (1) This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.
- (2) Original letter may be sent.
- (3) The purchaser reserves the right to verify this document with its signatory.

SECTION-VII
TENDER FORM
(On Firms' Letter Head)

To
The Director
JIPMER, Puducherry 605006

Date _____

Ref. Your TE document No. _____ dated _____

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____, dated _____ (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver _____ (Description of goods and services) in conformity with your above referred document **for the sum as shown in the price schedules attached herewith and made part of this tender**. If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC, Special Conditions of Contract", for due performance of the contract.

We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and we certify that this bidder is not from such a country/ from such a country and has been registered with the Competent Authority and a copy of the valid registration by the Competent Authority is attached as evidence of the same (Strike out what is not applicable). In case there are Turnkey works to be carried out this bidder will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. We hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

We agree to keep our tender valid for acceptance as required in the GIT, Special Instructions to Tenderers" or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities in the last 7 years.

We confirm that we fully agree to the terms and conditions specified in above mentioned TE document, including amendment/ corrigendum if any.

(Signature with date)
(Name and designation)

Duly authorized to sign tender for and on behalf of

Section-VIII

CHECK LIST FOR SUBMISSION OF TENDER

(To be filled by the tenderer and submitted along with the bid)

Sl. No.	Particular	Yes / No
1	i. Tender Processing Fee (Mandatory for all bidders) ii. Bid security declaration	
2	Copies of Supply orders/Completion certificate in support of Eligibility condition 2(ii).	
3	Copy of PAN Card	
4	Copy of ISO Certification of bidder, ISI/CE Certification of each product wherever asked	
5	Copies of last three years Income Tax Return statement with Balance sheets & Profit & Loss A/c i.e. 2017-18, 2018-19, 2019-20.	
6	Copy of GST Registration Certificate	
7	Authorization letter for signing tender documents if a person other than the Owner, Partner, Managing Director is signing/uploading the tender	
8	Tender form as in Section – VII duly signed and stamped	
9	Manufacturer's authorization form in format as in Section VI and	
10	Self-certification for supporting the claim to be a local supplier under the "Public Procurement preference to Make in India" order in format as in Appendix A	
11	A copy bidder's empanelment by the Competent Authority under GFR 144 (xi) or GFR 144 (xi) compliance certificate	
12	A PDF file containing list of all items quoted by the bidder without price bid in technical cover	
13	All details of the items (HSN, MSME, Make-in-India, make/brand, model, pack size and remark) quoted by the bidder.	
14	Any other document(s) enclosed (To be specified)	

I/We certify that the information furnished above is true and correct. The terms and conditions are acceptable to us and have the authority to bid a tender.

Signature of the owner/
Managing Partner/Director

Name:

Seal:

Date:

Place:

SECTION – IX

**Bid Security Declaration
(To printed on the Firm's letterhead)**

(In compliance with the OM No. F.9/4/2020-PPD dated 12.11.2020 on the subject —Bid Security/ Earnest Money Depositl, issued by the Procurement Policy Division, Department of Expenditure, Ministry of Finance, Government of India, there is no need for bidders to pay Bid Security/ Earnest Money Deposit for participating in this tender. However, in lieu of Bid Security, the bidder must print this —Bid Security Declarationl on his/her firm's letterhead duly sign the undertaking and upload the document in the fee cover.)

I/We hereby declare that we accept the condition that if I/We withdraw or modify our bids during period of validity etc., we will be suspended for a period of two years from participating in all tenders invited by JIPMER, Puducherry with effect from the date of our withdrawal or modification of our bid.

(Signature with date)

(Name and designation)

Duly authorized to sign this tender and declaration

for and on behalf of _____ (Name of the Bidder's Firm) Seal

Appendix-A

Self-certification format for claiming purchase preference under the “Public Procurement preference to Make in India” order

As per the order issued by

(i) Department of Industrial Policy and Promotion (DIPP) vide No. P-45021/2/2017-BE-II dated 15.06.2017 as further amended by Order No.P-45021/2/2017-B.E.-II dated 28.05.2018, Order No.P-45021/2/2017-B.E.-II dated 29.05.2019, Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 and Order No. P-45021/2/2017-PP (BE-II) dated 16.09.2020; and

(ii) Department of Pharmaceuticals vide No. F- 31026/36/2016-MD dated 18.05.2018 and the subsequent orders thereof; The purchaser reserves the right to give preference to the local supplier.

A local supplier (definition of “local supplier” is given in clause 2 of the aforesaid order of DIPP as amended from time to time) has to submit the following along with their e-tender(s) failing which their bid will be evaluated without considering such preference mentioned in the DIPP order dated 15.06.2017 further amended on 28.05.2018, 25.09.2019 and 04.06.2020:

a. The local supplier at the time of e-tender, bidding or solicitation shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made in the format in Annexure A.

“Certified that the following items quoted has more than 50% or 20% to 50% of value addition in India at the location(s) mentioned against each and is eligible for purchase preference as per the Govt. of India “Public Procurement preference to Make in India” order Dt.15.06.2017 as further amended by Order No.P-45021/2/2017-B.E.-II dated 28.05.2018, Order No.P-45021/2/2017-B.E.-II dated 29.05.2019, and Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020.

Sl. No	Name of the item	Details of the location(s) at which the local value addition was made.

Authorized Signature:

Name:

Designation:

b. In cases of procurement for a value in excess of Rs. 10 Crore. the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

c. Minimum Local Content: ‘Class-I local supplier’ means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%, as defined

under the Order. “Class-II local supplier” means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this Order.

d. Margin of Purchase Preference: The margin of purchase preference shall be 20%.

e. Manufacture under license/technology collaboration agreements with phased indigenization are exempted from meeting the stipulated local content if the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement/transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phasing of increase in local content

f. Decisions on complaints relating to implementation of this Order shall be taken by the competent authority which is empowered to look into procurement-related complaints relating the procuring entity.

g. A constituted committee with internal and external experts will examine for independent verification of self-declarations and auditor’s/accountant’s certificates on random basis and in the case of complaints.

h. A fees of Rs.10000/- in the form of demand draft favoring The Director, JIPMER, payable at Puducherry, is required to be deposited with complaints for verification of local content.

i. False declarations will be breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

j. A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities.

Officer in Charge
Purchase Section
JIPMER Puducherry
For Director, JIPMER

SECTION – X

**GFR-144 (xi) compliance certificate
(To printed on the Firm's letterhead)**

Tender No:

GFR-144(xi) compliance certificate (as per order F.No. 6/18/2019-PPD, Ministry of Finance, GOI)

I have read the clauses regarding restrictions under GFR144(xi) on procurement from a bidder of a country which shares a land border with India. I certify that, the vendor

- is not such a country
- is from a country and has been registered with a competent authority (attached evidence of valid registration).

(Select one of the above and strike off the other)

I hereby certify that we fulfill all requirement in this regard and is eligible to be considered for the procurement on CPP portal.

Thanking you.

Authorized Signatory