



**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 e-TENDER  
ENQUIRY DOCUMENT  
FOR  
RATE CONTRACT  
FOR  
SUPPLY OF CONSUMABLES/NON-CONSUMABLES  
FOR  
DEPARTMENT OF NEUROSURGERY  
for a period of TWO Years**

(This document consisting of **55** pages)

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## 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/Pur.6(1)/OeT/Neuro/2023-25

Dated: 06.01.2024

#### NOTICE INVITING e-TENDER (e-NIT)

Sub: Supply of Consumables / Non-Consumables  
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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 a period of TWO Years.

1. Scope of work: Supply of consumables/non-consumables for the Department of **NEUROSURGERY**
2. Tender timelines:
  - i. Opening date & time for download of Tender document: **01.00 PM on 06.01.2024**
  - ii. Last date for receipt of pre-bid queries: **06.00 PM on 10.01.2024**
  - iii. Pre-bid queries regarding Items and Samples can be made through e-mail to:  
[jipmer.neurosurgery@gmail.com](mailto:jipmer.neurosurgery@gmail.com) and other Document related queries may be raised through [purchase.jipmer@gmail.com](mailto:purchase.jipmer@gmail.com)
  - iv. Opening date & time for submission of online bids: **09.00 AM on 16.01.2024**
  - v. Closing date & time for submission of online bids **06.00 PM on 07.02.2024**
  - vi. Date and Time of opening of online bids for Technical evaluation: **06.00 PM on 08.02.2024**
  - vii. Date & time of opening of Price Bid: To be intimated later.
3. Earnest Money Deposit: **Rs.5,000/-** to be paid through SBI collect only. The EMD shall be returned without interest to the non-successful tenderers after acceptance of award of contract by the successful bidder.
4. Tender Processing Fee (Non-refundable): **Rs. 590/- (including 18% GST) shall be paid through SBI collect only.**
5. Interested bidders are advised to download the complete Tender Enquiry document from the websites [www.jipmer.edu.in](http://www.jipmer.edu.in) or <https://eprocure.gov.in/eprocure/app> for complete details.

6. 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 e-Procurement 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).
7. Bidders are requested to read the bidders help document on e-tender web site link before proceeding for bidding.
8. Post receipt of User ID & Password, Bidders can log on for downloading & uploading tender document.
9. The bidders shall submit the required EMD (as per G.I.T clause 2) before the due date and time mentioned above.
10. The online submission of tender(s) can only be done through <https://eprocure.gov.in/eprocure/app>
11. 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.
12. 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.	Name of the Item	Quantity Reqd.	Units
<b>1.000</b>	<p><b>CONSUMABLES</b></p> <p><b>Note: For all Items sample should be submitted. Without sample quotation will be rejected</b></p> <p><b>"Tender Conditions: (please read carefully!)</b></p> <p><b>1) Samples to be submitted for all consumable items, otherwise your bid will not be considered.</b></p> <p><b>2) Sample / Catalogue of Instruments with details of the make and design should be made available failing which the bid will not be considered.</b></p> <p><b>2) All Instruments should have Company name, Catalogue number, Manufacturing lot number embossed on each and every instrument otherwise it will be rejected</b></p> <p><b>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.</b></p> <p><b>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.</b></p> <p><b>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.</b></p> <p><b>7) Staggered supply should be arranged, every two months, for items that occupy storage space, on our request.</b></p> <p><b>8) All instrumentation (implants) or Staplers should be MRI compatible.</b></p> <p><b>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).</b></p> <p><b>10) Please read specification carefully since many details, including numbers have been changed. Please do not cut and paste previous quotes!! "All instruments must be made of stainless steel or high quality appropriate alloy materials unless specified otherwise</b></p> <p><b>11) Minor variation in the dimension of the Instruments will be acceptable (after checking the sample provided)</b></p> <p><b>12) For All consumable / Non consumable items Indian Standards certificate (CDSCO/SLA) is mandatory</b></p> <p style="text-align: center;"><b>Wherever Indian Standards (CDSCO/SLA) are not available ISO/USFDA/CE certificate may be produced.</b></p>		
1.001	Aneurysm clip: Yasargil type, Titanium max. Opening 7mm force 180 grams, Blade length 9mm ,straight, permanent	10	piece
1.002	Aneurysm clip: Yasargil type, Titanium max. Opening 7mm force 180 grams, Blade length 9mm ,Curved, permanent	10	piece

1.003	Aneurysm clip: Yasargil type, Titanium max. Opening 7.8mm force 180 grams, Blade length 11mm, straight permanent	10	piece
1.004	Aneurysm clip: Yasargil type, Titanium max. Opening 7.8mm force 180 grams, Blade length 11mm, curved permanent	10	piece
1.005	Aneurysm clip: Yasargil type, Titanium max. Opening 5.7mm force 200 grams, Blade length 7mm, straight permanent	10	piece
1.006	Aneurysm clip: Yasargil type, Titanium max. Opening 5.7mm force 200 grams, Blade length 7mm, curved permanent	10	piece
1.007	Aneurysm clip: Yasargil type, Titanium max. Opening 3.3mm force 110 grams, Blade length 3mm, straight, permanent	5	piece
1.008	Aneurysm clip: Yasargil type, Titanium max. Opening 4mm force 110 grams, Blade length 5mm straight, permanent	5	piece
1.009	Aneurysm clip: Yasargil type, Titanium max. Opening 9.2mm force 280 grams, Blade length 15mm, straight permanent	5	piece
1.010	Aneurysm clip: Yasargil type, Titanium max. Opening 9.2mm force 280 grams, Blade length 15mm, curved permanent	10	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.	10	piece
1.012	Aneurysm clip: Yasargil type, Titanium, fenestrated 3.5mm permanent clip - Straight blade length 3mm mm	10	piece
1.013	Aneurysm clip: Yasargil type, Titanium, fenestrated 3.5mm permanent clips straight, blade 5 mm,	10	piece
1.014	Aneurysm clip: Yasargil type, Titanium, fenestrated 3.5mm permanent clips straight blade 9 mm,	10	piece
1.015	Aneurysm clip: Yasargil type, Titanium, fenestrated 3.5mm permanent clips right angle 5 mm	10	piece
1.016	Aneurysm clip: Yasargil type, Titanium, fenestrated 3.5mm permanent clips, right angle blade 7mm	10	piece
1.017	Aneurysm clip: Yasargil type, Titanium, deeply curved tip 7mm blade	10	piece
1.018	Aneurysm clip: Yasargil type, Titanium, bayonnetted 2.5mm step and 5mm blade length	10	piece
1.019	Aneurysm clip: Yasargil type, Titanium, permanent clips right angle 9 mm right to left	10	piece
1.020	Aneurysm clip: Yasargil type, Titanium, permanent clips right angle 9 mm right to right	10	piece
1.021	Aneurysm clip Yasargil type, Titanium, 3 mm size for use in arteriovenous aneurysm surgery (permanent, mini clips)	10	piece
1.022	Aneurysm clip Yasargil type, Titanium, permanent clips side angled 7MM right to Left	5	Piece
1.023	Aneurysm clip Yasargil type, Titanium, permanent clips side angled 7MM Left to right	5	Piece
1.024	Aneurysm clip Yasargil type temporary straight 3-5mm	2	piece

1.025	Aneurysm clip Yasargil type temporary straight 5-7mm	5	piece
1.026	Aneurysm clip Yasargil type temporary curved 3-5mm	2	piece
1.027	Aneurysm clip Yasargil type temporary curved 5-7mm	5	piece
1.028	Ultrashort fenestrated (fenestration 3mm) "nub clip". (yasargil type , titanium)	10	piece
1.029	Ultrashort fenestrated (fenestration 5mm) "nub clip". (yasargil type , titanium)	10	piece
1.030	Reinforcing booster clip, Yasargil	5	piece
1.031	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
1.032	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
1.033	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
1.034	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
1.035	Perneczky 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
1.036	Perneczky 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
1.037	Aneurysm clip - T type ,Titanium,permanent 9mm blade straight 90 degree	5	piece
1.038	Aneurysm clip - T type ,Titanium,permanent 13mm blade upcurved 60 degree	5	piece
1.039	Aneurysm clip - T type ,Titanium,permanent 13mm blade downcurved 60 degree	5	piece
1.040	Aneurysm clip - T type ,Titanium,permanent 9mm blade upcurved 90 degree	5	piece
1.041	Aneurysm clip - T type ,Titanium,permanent 9mm blade downcurved 90 degree	5	piece
1.042	Yasargil standard bayoneted aneurysm clip applier Titanium double hinged rotating tip ,length around 20 cm	1	piece
1.043	Yasargil standard bayoneted aneurysm clip applier Titanium length around 20 cm	1	piece

1.044	Transparent cannula site dressing Transparent polyurathane, impervious to bacteria, but permeable to water vapor maintaining transparency. Self adhesive (10-15cm) with a chlorhidine gluconate layer 3-5 cm) and IV line securing adhesive stripand label.	500	piece
1.045	Odourless hydrocolloid dressing with water resissnt film border and an outer barrier film 15 cm X 15 cm	200	piece
1.046	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 15 cm X 20 cm	200	piece
1.047	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	200	piece
1.048	Silk like cloth tape with strong adhesive 1.25 cm x 9 meters	50	piece
1.049	Silicone adhesive tape which is painless to remove from the skin . Size of 2.5 cm x 1.3 m	50	piece
1.050	Silicone adhesive tape which is painless to remove from the skin . Size of 5 cm x 1.3 m	50	piece
1.051	Thromboembolism prevention stocking, thigh to ankle level, various sizes for patients in ICU, immobile patients. It should have graduated pressure fit. Snug fit. (L,M,S)	600	piece
1.052	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. Size - Minimum 10 x 10 CM	100	piece
1.053	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. Size Minimum 10x10 CM	50	piece
1.054	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. less than 50 x 50mm size sterile ready to use	50	piece
1.055	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. more than 50 x 50mm size sterile ready to use	50	piece
1.056	Soft nasal pack with breathing hole after endoscopic nasal surgery (polyvinylalcohol material)	100	piece
1.057	Soft nasal pack without breathing hole after endoscopic nasal surgery (polyvinylalcohol material)	200	piece
1.058	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	50	piece



1.059	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
1.060	Silicone balloon catheter for Intracranial neuroendoscopy 3 or 4 F (Fogarty catheter)	15	piece
1.061	Neurosurgical patties Sterile, ready to use cotton patties, in sterile packaging. Size 7x2 cm, each pack should contain at least 10 patties	500	piece
1.062	Neurosurgical patties silicone transparent, threaded radio-opaque.	500	piece
1.063	Perforator adult size 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.	30	piece
1.064	Perforator pediatric size 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.	20	piece
1.065	Perforator adult size 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.	5	piece
1.066	Perforator pediatric size 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	3	piece
1.067	Ventriculoperitoneal shunt [Adult size, Pressure: High'/Medium'/Low] Burr hole design of Dome 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) .	150	piece
1.068	Ventriculoperitoneal shunt [Paediatric size, Pressure: High'/Medium'/Low] Burr hole design of Dome 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)	150	piece
1.069	Ventriculo peritoneal shunt Chabra split valve type adult; The system should be supplied complete with a ventricular catheter around 15 cm long, a unitized shunt aassembly with a distal catheter and two straight connectors in peel-open packs. The pack can be sterilized by ETO.	70	piece
1.070	Ventriculo peritoneal shunt Chabra split valve type pediatric; The system should be supplied complete with a ventricular catheter around 15 cm long, a unitized shunt aassembly with a distal catheter and two straight connectors in peel-open packs. The pack can be sterilized by ETO.	70	piece

1.071	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. The system should be supplied complete with a ventricular catheter around 15 cm long, a unitized shunt assembly with a distal catheter and two straight connectors in peel-open packs. The pack can be sterilized by ETO.	40	piece
1.072	Ventriculoperitoneal shunt with an antisiphon device built into it (two ball design); The system should be supplied complete with a ventricular catheter around 15 cm long, a unitized shunt assembly with a distal catheter and two straight connectors in peel-open packs. The pack can be sterilized by ETO.	10	piece
1.073	Ventriculoperitoneal shunt with an antisiphon device built into it (three ball design); The system should be supplied complete with a ventricular catheter around 15 cm long, a unitized shunt assembly with a distal catheter and two straight connectors in peel-open packs. The pack can be sterilized by ETO.	10	piece
1.074	Ventriculoperitoneal shunt with an antisiphon device built into it (four ball design); The system should be supplied complete with a ventricular catheter around 15 cm long, a unitized shunt assembly with a distal catheter and two straight connectors in peel-open packs. The pack can be sterilized by ETO.	10	piece
1.075	Y connector for ventriculoperitoneal shunt which can be attached to a shunt to drain a loculation or a separate cyst	25	piece
1.076	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
1.077	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)	5	piece
1.078	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
1.079	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.	25	piece
1.080	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	25	piece
1.081	Single use transducer cable (parenchymal or subdural or ventricular) compatible with the ICP monitor that you have quoted in the non-consumable section.	25	piece
1.082	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	50	piece

1.083	Lumboperitoneal shunt system implantable lumbo peritoneal shunt system with Touhey needle and connectors	100	piece
1.084	Lumbar drain set	100	piece
1.085	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.}	1000	piece
1.086	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]	1000	piece
1.087	Polypropylene monofilament suture of size 8-0 with atraumatic swaged needle , double armed	20	piece
1.088	Polypropylene monofilament suture of size 10-0 with atraumatic swaged needle for microvascular anastomosis , double armed	20	piece
1.089	Fibrin Sealant'/Glue - Glue for use in neurosurgery to prevent CSF leak 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. 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 )	100	piece
1.090	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	100	piece
1.091	Hemostatic, activated regenerated cellulose for intra-operative hemostasis in mesh form	100	piece
1.092	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
1.093	Injectable hemostatic agent Prefilled syringe with haemostatic matrix agent with human thrombin and calcium chloride for intraoperative use.5 ml	50	piece
1.094	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
1.095	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. Quote per milliliter volume of the material	500	quote for milliliter volume
1.096	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. Quote per milliliter volume of the material	500	quote for milliliter volume
1.097	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 (cm3) of final product. Quote per milliliter volume of the material	500	quote for milliliter volume
1.098	Customized 3 D printed rigid and flexible 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 (cm3) of final product. Quote for milliliter volume of the material	500	quote for milliliter volume

1.099	Injectable hemostatic agent Prefilled syringe with haemostatic matrix agent with human thrombin and calcium chloride for intraoperative use.6-10 ml	30	piece
1.100	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.	200	piece
1.101	Cranial mapper - Disposable malleable CT scan-based cranial mapper for armless, frameless intraoperative localization for doing cranial surgery.	25	piece
1.102	Open-door laminoplasty system (TITANIUM) - It should offer intraoperative adaptability through expansive plate options; Instrumentation should be provided for the surgeries with various screws options. Quote for the set of single level plate, and four screws.	20	set
1.103	Cervical Titanium (disc) spacer with sharp teeth and graft packing window along with varous size options. Should have an anatomical shape to promote maintanance of cervical lordosis. Instrumentation should be provided for the surgeries.	5	piece
1.104	Cervical PEEK (disc) spacer with sharp teeth and graft packing window along with varous size options in Polyetheretherketone (PEEK). Should have an anatomical shape to promote maintanance of cervical lordosis. Instrumentation should be provided for the surgeries.	5	set
1.105	Anterior cervical interbody spacer (Titanium) with integrated fixation screws. Spacer should have with sharp teeth and graft packing window along with varous size options. Should have an anatomical shape to promote maintanance of cervical lordosis. Instrumentation should be provided for the surgeries. Titanium spacer with two titanium screws and one integrated locking screw (1 set)	20	set
1.106	Anterior cervical interbody spacer (PEEK integrated with titanium) with integrated fixation screws. Spacer should have with sharp teeth and graft packing window along with varous size options in Polyetheretherketone (PEEK). Should have an anatomical shape to promote maintanance of cervical lordosis. Instrumentation should be provided for the surgeries. PEEK and Titanium integrated spacer with two titanium screws and one integrated locking screw (1 set)	5	set
1.107	Anterior Cervical Plate and screws (TITANIUM) - single level; 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. Instrumentation should be provided for the surgeries with various screws options. Quote for the set of single level plate, four screws and two integrated locking screws.	10	set
1.108	Anterior Cervical Plate and screws (TITANIUM) - two level; 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. Instrumentation should be provided for the surgeries with various screws options. Quote for the set of two level plate, four screws and two integrated locking screws.	4	set
1.109	Anterior Cervical Plate and screws (TITANIUM) - three level; 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. Instrumentation should be provided for the surgeries with various screws options. Quote for the set of three level plate, four screws and two integrated locking screws.	2	set

1.110	Expandable cage (TITANIUM) - an integrated vertebral body replacement device (cervical, thoracic and lumbar) that provides anterior column support and is designed to prevent implant dislodgement. The spacer should have integrated titanium plates and screws for additional stabilization between the vertebral bodies and the spacer with an integrated locking mechanism. The implants should be available in a wide range of footprints, heights, and lordotic/kyphotic angles in titanium. Maximized expansion ranges and modular endplates allow surgeons to customize each implant to the patient. Instrumentation should be provided for the surgeries with various screw options. Quote for the set of cage, four screws, and two integrated locking screws.	4	set
1.111	Expandable cage (PEEK with integrated titanium) - an integrated vertebral body replacement device (cervical, thoracic and lumbar) that provides anterior column support and is designed to prevent implant dislodgement. The spacer should have integrated titanium plates and screws for additional stabilization between the vertebral bodies and the spacer with an integrated locking mechanism. The implants should be available in a wide range of footprints, heights, and lordotic/kyphotic angles in Polyetheretherketone (PEEK). Maximized expansion ranges and modular endplates allow surgeons to customize each implant to the patient. Instrumentation should be provided for the surgeries with various screw options. Quote for the set of cage, four screws, and two integrated locking screws.	2	set
1.112	C1 –C2 joint spacer(Titanium). Instrumentation should be provided for the surgeries with various size options. Quote for the set of two spacers.	10	set
1.113	Multi-axial lateral mass screw implants (Titanium) for posterior cervical spine fixation. These multi-axial lateral mass screws should be 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. Instrumentation should be provided for the surgeries with various screw options. Quote for the set of two screws and a single rod.	20	set
1.114	Lumbar Interbody Implant (PEEK) 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. Posterior instrumentation should be provided at the time of surgery	2	set
1.115	Adjustable occipital plate (Titanium) for occipito cervical junction surgery with multiple screw holes to accept 4.5 mm, 5.0 mm occipital bone screws, pre-contoured occipital rods or occipital adjustable rods. Instrumentation should be provided for the surgeries with various screw options. Quote for the set of one plate, two rods, six occipital screws and locking screws (Titanium).	2	set
1.116	MultiAxial Pedicle Screw (Titanium) - 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. 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).	6	set
1.117	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.	5	set
1.118	Hydroxyapatite isothermic bone substitute which can set in a wet field (10 cc)	5	piece

1.119	Medical-Grade Polyporous Resorbable ceramic Granules with 15% hydroxyapatite+85% beta-tricalcium phosphate. (10cc)	11	piece
1.120	Self drilling Titanium screws with length of 12 mm,14 mm,16 mm , 18MM for anterior cervical plate fixation - 1 set (4 screws). Instrumentation should be provided for the surgeries with various screws options. Quote for a set of four screws.	80	set
1.121	Philadelphia type neck collars with hole for ventilation through tracheostomy tube, size: large/medium/small	100	piece
1.122	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.	2	set
1.123	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)	5	set
1.124	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) Minor variation in dimension acceptable	200	set
1.125	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.Minor variation in dimension acceptable	200	set
1.126	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 Minor variation in dimension acceptable	5	piece
1.127	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 screwsMinor variation in dimension acceptable	250	set
1.128	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 Minor variation in dimension acceptable	250	set
1.129	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.	250	set
1.130	Burr hole button for cosmetic occlusion of burr holes with 3 Nos. of screws	20	set
1.131	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	50	piece
1.132	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.	1500	Piece
1.133	Ventriculoperitoneal shunt drape For ventricular shunt surgery covering head to abdomen with transparent sticking operation site plastic incise drape	300	piece

1.134	Laminectomy Drape Water resistant drape with central iodine impregnated translucent adhesive patch which can cover from head to toe for laminectomy	200	piece
1.135	Iodine impregnated adhesive incise drape with paper background	100	piece
1.136	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
1.137	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
1.138	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
1.139	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]	500	piece
1.140	C' Arm (image intensifier) transparent sterile Drape	100	piece
1.141	Universal Camera Drape 18x250 cms Telescopic Folding, Separate Tape Strip	100	piece
1.142	Povidone iodine spray in canisters for preparing surgical site	110	piece
1.143	Raney clips [plastic]	5000	piece
1.144	Liga Clips, small & medium	100	piece
1.145	catheter mount for ventilator (maquet ventilator compatible)	1000	piece
1.146	NIBP cuff compatible with L&T starplus and galaxy multiparameter monitor (adult size)	100	piece
1.147	NIBP cuff compatible with L&T starplus and galaxy multiparameter monitor (pediatric size)	50	piece
1.148	NIBP cuff compatible with wipro GE B450 multiparameter monitors (double tubing) - adult size	50	piece
1.149	NIBP cuff compatible with wipro GE B450 multiparameter monitors (double tubing) - pediatric size	25	piece
1.150	SpO2 sensor and cable compatible with L&T starplus and galaxy multiparameter monitors	50	piece
1.151	SpO2 sensor and cable compatible with wipro GE B450 multiparameter monitors	25	piece
1.152	3 lead ECG cable button ends detachable compatible with starplus, galaxy, and wipro GE B450 monitors	20	piece
1.153	NIBP hose assembly compatible with wipro GE B450 monitors	50	piece
1.154	Oxygen mask with connection adaptor	250	piece
1.155	O2 'T' Piece	2000	piece
1.156	Tracheal Mask with connector	100	piece
1.157	Non Invasive Oxygen mask	100	piece
1.158	Bacterial Filter (compatible with Maquet Servo Ventilators in Neurosurgery I.C.U.)	1000	piece
1.159	Burette set for pediatric IV fluid infusion	500	piece
1.160	Transparent contoured tubular retractor for the brain to do endoscopic or microscopic procedures. It should have depth marking, holder to put on a retractor arm, a lockable obturator which can be removed. The length should be about 10 cm (plus or minus 1 cm) and the internal diameter should be 20 mm (plus or minus 2 mm)	2	piece

1.161	Silicone separator for decompressive craniectomy to maintain a plane for future cranioplasty. The silicone film should have a thickness of 1 to 1.5 mm and should have slits or perforations to allow fluid to go through. 15 x 20 cm size.	10	piece
1.162	Sequential pneumatic compression sleeve /sheath 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
1.163	Patient warming blanket, thermally insulated silver coloured for use with warming air system adult size (must be compatible with currently available warmer in JIPMER Neurosurgery)	500	piece
1.164	Patient warming blanket, thermally insulated silver coloured for use with warming air system pediatric size (must be compatible with currently available warmer in JIPMER Neurosurgery)	250	piece
1.165	4-contact, strip, EEG subdural electrode. platinum, 4mm dia with 10mm spacing between contacts, with connector blocks (10 nos / 1 box) and compatible cable	5	set
1.166	6-contact, strip, EEG subdural electrode. platinum, 4mm dia with 10mm spacing between contacts, with connector blocks (10 nos / 1 box) and compatible cable	5	set
1.167	6-contact depth electrode. platinum with 10mm spacing between contacts, with connector blocks (10 nos / 1 box) and compatible cable	5	set
1.168	24 Contacts 4X6 Multi-strip subdural implantable EEG electrode series with connector blocks and cables	2	Set
1.169	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	1	piece
1.170	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	1	piece
1.171	Guidance screw, 20 mm for stereo-EEG electrode, compatible with the electrodes mentioned above	1	screw
1.172	Guidance screw, 25 mm for stereo-EEG electrode, compatible with the electrodes mentioned above	1	screw
1.173	Guidance screw, 30 mm for stereo-EEG electrode, compatible with the electrodes mentioned above	1	screw
1.174	Extension cable for 4 contact stereo-EEG electrode	1	cable
1.175	Extension cable for 5 contact stereo-EEG electrode	4	cable
1.176	Extension cable for 8 contact stereo-EEG electrode	1	cable
1.177	Extension cable for 10 contact stereo-EEG electrode	4	cable
1.178	Extension cable for 18 contact stereo-EEG electrode	4	cable
1.179	Cleaning and lubricant solution for electric drill, based on food grade mineral oil and propellant base ("Pana spray" or equivalent). 500 ml can	50	piece
1.180	Instrument lubricant concentrate, with antimicrobial activity, 50ml capacity	25	Piece
1.181	Flexometallic electromyography (EMG) endotracheal tube for intraoperative nerve monitoring ] Quote a uniform price for sizes from 6 to 9 mm diameters. Exact quantities of each type required will be mentioned in the purchase order	75	piece



1.182	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 microaspiration. (Sizes 6.0 to 8.5)	750	piece
1.183	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.	400	piece
1.184	Bougie for endotracheal tube exchange (Tracheal tube introducer) , outer diameter 5.0mm length 700mm Straight tip, Reusable	5	piece
1.185	Bougie for endotracheal tube introduction for difficulty airway (Tracheal tube introducer) , outer diameter 5.0mm 600mm length Coude tip, reusable	5	piece
1.186	Indocyanine Green dye for microscope integrated video angiography during aneurysm clipping 25 mg vials	100	vial
1.187	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
1.188	Monopolar microdissection needle with 5 micron tungsten tip for precision electrosurgery	50	piece
1.189	Flexible Patient contact plate (compatible with Excel, Mallis and L&T bipolar machines), reusable.	10	piece
1.19	Expanded poly tetrafluoroethylene ePTFE (teflon patch) 0.4 mm for use in microvascular decompression. 1 x 1 cm size	10	piece
1.191	Container for sending pathological biopsy (100 ml capacity)	300	piece
1.192	Sub-cortical suction stimulator for stimulating subcortical white matter while resecting gliomas to elicit a motor evoked potential response. compatible with Tom systems in JIPMER Neurosurgery	2	piece
1.193	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
1.194	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	1000	piece
1.195	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 finger is 0.18mm.	850	Pair
1.196	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	100	Pair
1.197	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.	500	piece

1.198	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)	2000	piece
1.199	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.	20	piece
1.200	Operation trolley drape made of fluid (water and alcohol) impermeable drape of size 1.5 x 1.5 m size & 1.5 x 2 MM (EN13795 standard)	500	piece
1.201	Silicone tracheostomy tube, cuffless with obturator, speaking hole, sizes of 4, 6 and 8	10	piece
1.202	Silicone tracheostomy tube, cuffed with obturator, speaking hole, size of 4, 6 and 8	10	piece
1.203	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 <a href="https://www.adityasilicone.com/product/aditya-silicone-rubber-rtv-m-10-body-parts-1-kg/">https://www.adityasilicone.com/product/aditya-silicone-rubber-rtv-m-10-body-parts-1-kg/</a>	20	piece
1.204	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	100	piece
1.205	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
1.206	Skin stapler remover	50	piece
1.207	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	one liter
1.208	Non glutaraldehyde based enzymatic cleaner with disinfectant cleaning solution. Quote for 500ml pack	30	half liter
1.209	Tubular elastic dressing made of cotton and elastane for tight dressing of scalp.	500	1 piece
1.210	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	1 piece
1.211	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.	500	1 piece
1.212	Scalp (head) decontamination cap impregnated with polyhexamethylene biguanid in gel form.	1000	1 piece

1.213	Non ionic amphoteric surfactant based cleaning agent for instruments and neuroendoscopes. It should be compatible for use in ultrasonic baths. 1% solution in 500 ml bottles	30	half liter
1.214	Disinfectant wipes for surface cleaning to be used in Neurosurgery OT & ICU. Disinfectant should contain ethanol, 2- propranolol and 1 propranolol with 90 pull outs (12 X12 inches) which are lint free . Should be aldehyde free.	50	100 pieces
1.215	Disinfectant wipes for surface cleaning to be used in Neurosurgery OT & ICU and for cleaning ultrasound probes. Disinfectant should contain didecylmethyl ammonium chloride and quaternary ammonium compounds which are active against MRSA , yeasts and Papova /polyoma viruses. 80 or more pull outs 29x22 cm size approximately	50	100 pieces
1.216	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.	100	half liter
1.217	Body decontamination wipes impregnated with polyhexanide. One pack should have 10 wipes.	100	1 pack
1.218	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
1.219	A wearable, wireless, disposable, vital signs-monitoring device that can be attached to the patient's chest for at least five days. It should be powered by an in-built cell like a lithium battery. It should pick up at least two lead ECG, heart rate, respiration rate, skin temperature, SpO2, and the patient's posture. Ingress protection should be at least IP24. Weight should be less than 35 grams. The device should not be harmed by a defibrillation current if used on the patient. It should communicate with the internet using WLAN or Blue tooth gateway or similar technology to give an online interface. The vital signs should be displayed on a web page accessible using the internet on a desktop computer or mobile phone. The vendor should set up the networking at the place where the patient is wearing it, and it should have a reach of at least 15 meters.	100	1 piece
1.220	1)Non Rechargeable implantable neuro stimulator(MRI compatible ) : 1)Dual-channel implantable neurostimulator for use with deep brain stimulation (DBS) leads, and patient programmer. Advanced programming features for patients and clinicians. a)MRI Compatible * , b)Number of defined groups 1 to 4 c)Number of programs per group 1 to 4 d)Electrode configuration 1 to 4 electrodes per lead 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)Pulse width 60 to 450 µs (10 µs resolution) m)Pulse width – upper patient limit Tracking limit: +0 to +100 µs (10-µs resolution) n)Pulse width – lower patient limit Tracking limit: -0 to -100 µs (10-µs resolution) 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)Rate (current mode) 30 to 250 Hz (5-Hz resolution) d)Rate – upper patient limit Tracking limit: +0 to +50 Hz (10-Hz resolution) Rate – lower patient limit Tracking limit: -0 to -50 Hz (10-Hz resolution) q)SoftStart/Stop OFF, ON: 1, 2, 4, or 8 second ramp duration 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	2	set

1.221	<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 ,</p> <p>b)Number of defined groups 1 to 4b No more than 16 programs may be defined within the 4 groups.</p> <p>c)Number of programs per group 1 to 4b</p> <p>d)Electrode configuration Up to 4 electrodes 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)c Full range = -10.5 V (voltage mode); -25.5 mA (current mode)</p> <p>m)Pulse width 60 to 450 <math>\mu</math>s (10-<math>\mu</math>s resolution)</p> <p>n)Pulse width – upper patient limit Tracking limit: +0 to +100 <math>\mu</math>s (10-<math>\mu</math>s resolution)</p> <p>o)Pulse width – lower patient limit Tracking limit: -0 to -100 <math>\mu</math>s (10-<math>\mu</math>s resolution)</p> <p>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)</p> <p>q)d Rate limited to 125 Hz when two programs are active on a single lead.</p> <p>r)Rate (current mode) 30 to 250 Hz (5-Hz resolution)</p> <p>s)Rate – upper patient limit Tracking limit: +0 to +50 Hz (10-Hz resolution)</p> <p>t)Rate – lower patient limit Tracking limit: -0 to -50 Hz (10-Hz resolution)</p> <p>u)SoftStart/Stop OFF, ON: 1-, 2-, 4-, or 8-second ramp duration</p> <p>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
1.222	<p>3)Patient Programmer</p> <p>A)Allows patients with neurostimulators to check therapy and neurostimulator battery status, and adjust settings or change programming group according to clinician-determined parameters.</p> <p>1. Patient programmer technical specifications:</p> <p>a)Power source 2 AAA alkaline batteries (non-rechargeable, LR03)</p> <p>b)Operating temperature +9 °C to +43 °C (+49 °F to+110 °F)</p> <p>c)Temperature limitation -34 °C to +57 °C (-30 °F to+135 °F)</p> <p>d)Size Approximately 9.4 cm x 5.6cm x 2.8 cm (3.7 in x 2.2 in x 1.1 in)</p> <p>e)Weight, including</p> <p>f)batteries Approximately 111 g (3.9oz.)</p> <p>g)Battery life 2 months (average) for alkaline batteries</p> <p>h)Mode of operation Continuous</p>	2	set
1.223	<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: &lt;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

1.224	5)stretcheable coil DBS (Deep Brain Stimulation) extension DBS Stretch-Coil™ lead extension and accessories to connect neurostimulator to DBS lead. 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) b) Low profile connector	2	set
1.225	Lock to prevent migration of deep brain stimulation leads when the stylet is taken off (stimulator lock)	5	piece
1.226	Implantable phrenic nerve stimulator system (quote price for battery if it comes with the system)	1	set
1.227	Implantable programmable, rechargeable battery compatible with the phrenic nerve stimulator	1	piece
1.228	Implantable programmable, non-rechargeable battery compatible with the phrenic nerve stimulator	1	piece
1.229	Implantable phrenic nerve stimulator with radiofrequency receiver (without implantable battery)	1	set
1.23	Implantable diaphragm pacing system (FDA approved)	1	set
1.231	Implantable hypoglossal nerve stimulator for obstructive sleep apnea	1	set
1.232	Implantable telemetry device for intracranial pressure monitoring. It should be capable of sending pressure readings for more than 30 days. Should be FDA or similar agency approved.	1	set
1.233	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
1.234	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.	100	piece
1.235	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 will inform the size of the tip at the time of placing order.	50	piece
1.236	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.	10	piece
1.237	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.	50	piece
1.238	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 Medronic Neuro Drill available in Neurosurgery OT. quote separate prices for individual types	200	piece
1.239	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 separate prices for individual types	50	piece
1.240	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

1.241	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
1.242	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
1.243	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.	100	set
1.244	Absorbable cranial fixation system,length around 10mm	25	piece
1.245	Microdoppler probe (single use, disposable) 8 MHz 2 mm tip for intraoperative, endonasal use compatible with Mizhuo machine available in our theater.	10	piece
1.246	Microdoppler probe (single use, disposable) 20 MHz 0.8 mm tip for intraoperative use compatible with Mizhuo machine available in our theater.	10	piece
1.247	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	5	Set
1.248	Reflective sphere suitable for Neuronavigation (stealth S7, Medtronic, "glions")	200	piece
1.249	Disposable head pins with radiolucent base which will fit into radiolucent head holders like that of Doro and Medtronic	20	piece
<b>2</b>	<b>Non-Consumables ( Items costing upto Rs.2,00,000/- only)</b>		
2.250	Twist Hand Drill : hand held twist drill set with chuck, drill bits of various sizes [10 Nos.]	10	set
2.251	Brain cannula [ventriculostomy cannula] : opening in the tip, with obturator [stylet]	2	piece
2.252	Leyla detachable retractors holding rod with coupling head( for fixing flexible arms) with ball and socket joint (for fixing with the OT table side railings)-to be compatible with JIPMER Neurosurgery OT table	1	
2.253	Leyla flexible arms : Flexible arms compatible with both Mayfield and Sugita head frame systems. Must be stable once locked and flexible in all three dimensions once unlocked.This feature will be tested during demo and if the quality is not satisfactory sample will be rejected	6	set
2.254	Micro Suction regulator : Should be attached with suction tube and to be controlled by the Surgeon	2	piece
2.255	Silicone pediatric head holder : Pediatric silicone head fixation system for use with DORO system and integra system	1	set
2.256	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
2.257	Artery forceps [Dandy' artery forceps which have a right angle curve are preferred]	18	piece

2.258	Fish hooks with spring to retract scalp flap during craniotomy	18	piece
2.259	Bipolar forceps bayoneted (standard tip non stick, compatible with Excell machine along with cable (demo required)Working length less 10 cm , tip 0.5mm	5	set
2.260	Bipolar forceps bayoneted (standard tip non stick, compatible with Excell machine along with cable (demo required)Working length more than 10 cm , tip 0.5mm	5	set
2.261	Bipolar forceps bayoneted (standard tip non stick, compatible with Excell machine along with cable (demo required)Working length less 10 cm , tip 0.7mm	5	set
2.262	Bipolar forceps bayoneted (standard tip non stick, compatible with Excell machine along with cable (demo required)Working length more than 10 cm , tip 0.7mm	5	set
2.263	Bipolar forceps bayoneted (concorde tip up, non stick, compatible with Excell machine along with cable (demo required)Working length less 10 cm , tip 0.7mm	5	set
2.264	Bipolar forceps bayoneted (concorde tip down, non stick, compatible with Excell machine along with cable (demo required)Working length less 10 cm , tip 0.7mm	5	set
2.265	yasargil type spring rebound ceramic covered tip bipolar cum dissecting forceps working length around 8 cm	2	set
2.266	yasargil type spring rebound ceramic covered tip bipolar cum dissecting forceps working length around 12 cm	2	set
2.267	Suitable tray for storage and sterilisation for all the above bipolar forceps with silicon cushion Mat	2	set
2.268	Bipolar forceps bayoneted (standard tip non stick, compatible with Mallis machine along with cable (demo required)Working length less 10 cm , tip 0.5mm	5	set
2.269	Bipolar forceps bayoneted (standard tip non stick, compatible with Mallis machine along with cable (demo required)Working length more than 10 cm , tip 0.5mm	5	set
2.270	Bipolar forceps bayoneted (standard tip non stick, compatible with Mallis machine along with cable (demo required)Working length less 10 cm , tip 0.7mm	5	set
2.271	Bipolar forceps bayoneted (standard tip non stick, compatible with Mallis machine along with cable (demo required)Working length more than 10 cm , tip 0.7mm	5	set
2.272	Bipolar forceps bayoneted (concorde tip up, non stick, compatible with Mallis machine along with cable (demo required)Working length less 10 cm , tip 0.7mm	5	set
2.273	Bipolar forceps bayoneted (concorde tip down, non stick, compatible with Mallis machine along with cable (demo required)Working length less 10 cm , tip 0.7mm	5	set
2.274	Suitable tray for storage and sterilisation for all the above bipolar forceps with silicon cushion Mat	2	set
2.275	Bipolar forceps bayoneted (standard tip non stick, compatible with L&T machine along with cable (demo required)Working length less 10 cm , tip 0.5mm	5	set
2.276	Bipolar forceps bayoneted (standard tip non stick, compatible with L&T machine along with cable (demo required)Working length more than 10 cm , tip 0.5mm	5	set

2.277	Bipolar forceps bayoneted (standard tip non stick, compatible with L&T machine along with cable (demo required) Working length less 10 cm , tip 0.7mm	5	set
2.278	Bipolar forceps bayoneted (standard tip non stick, compatible with L&T machine along with cable (demo required) Working length more than 10 cm , tip 0.7mm	5	set
2.279	Bipolar forceps bayoneted (concorde tip up, non stick, compatible with L&T machine along with cable (demo required) Working length less 10 cm , tip 0.7mm	5	set
2.280	Bipolar forceps bayoneted (concorde tip down, non stick, compatible with L&T machine along with cable (demo required) Working length less 10 cm , tip 0.7mm	5	set
2.281	Karlin Cervical Curette. Black rectangular handle with bayoneted design. 241 mm long. Medium size , forward angle. Exact size will be mentioned in purchase order. Quote one price for all sizes.	2	set
2.282	Suitable tray for storage and sterilisation for all the above bipolar forceps with silicon cushion Mat	2	set
2.283	Friedman Micro Ronguer. around 15 cm long tip 1.5 mm straight	2	piece
2.284	Friedman Micro Ronguer. around 15 cm long tip 1.5 mm curved	2	piece
2.285	<u>Micro Rongeur K-Bayonet, 180mm (70mm working length), Curved Tip (Kamiyama K-700) Please see example at this link: <a href="https://www.takayamamicro.com/microsurgical-instruments/kamiyama-micro-rongeur-k-bayonet-180mm-70mm-wl-slight-curve-tip">https://www.takayamamicro.com/microsurgical-instruments/kamiyama-micro-rongeur-k-bayonet-180mm-70mm-wl-slight-curve-tip</a></u>	2	piece
2.286	Micro Rongeur K-Bayonet, 200mm (90mm working length), Straight Tip PIN: KT-701 Kamiyama - Tsuboi Micro Rongeur has fine nose shape.	1	piece
2.287	Micro Rongeur K-Bayonet, 200mm (90mm working length), Slightly Curved Tip PIN: KT-702 Kamiyama - Tsuboi Micro Rongeur has fine nose shape.	1	piece
2.288	Microforceps K-Bayonet, 180mm (70mm working length) 45 degree, 1.5mm Tip / PIN: K-8220	1	piece
2.289	Lempert Ronguer 190 mm (quote same price for straight and curved. The shape will be mentioned in purchase order	1	piece
2.290	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	1	set
2.291	Bipolar coagulation forceps and tips, monopolar tips and corresponding cables compatible with the Karl Storz neuro-endoscope system. (demo required)	10	set
2.292	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 m3 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	2	set
2.293	Ultrasonic cleaning machine for delicate microsurgical instruments. 3 liter capacity or better. Should fit multiple bayoneted forceps and aneurysm clip appliers (atleast five) of size of 20 cm each.	2	piece



2.294	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.	25	set
2.295	Upper air ultraviolet-C disinfection system (for ICUs and operation theaters). Shortwave UV radiation peak at or around 253.7 nm (UV-C) (200-260 nm range) Louvres and reflector control the distribution of UV-C at the device level and above, where people are not usually present, surface mountable on false ceilings Should comply with IEC 62471 standard for photobiological safety.	6	units
2.296	Bayonet dissecting forceps working length less than 10cm tip 0.5mm	2	piece
2.297	Bayonet dissecting forceps working length less than 10cm tip 0.7mm	2	piece
2.298	Bayonet dissecting forceps working length more than 10cm tip 0.5mm	2	piece
2.299	Bayonet dissecting forceps working length more than 10cm tip 0.7mm	2	piece
2.300	Micro Needle Holder, Titanium, Diamond Dusted Jaw, 15cm Straight	2	piece
2.301	Micro Scissors for microvascular anastomosis, round handle, straight tip, Approximately 145mm/5 ¾" length, titanium made, non glair - non reflecting surface.	2	piece
2.302	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
2.303	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
2.304	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.	2	piece
2.305	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
2.306	Biemer applying forceps for microvascular anastomosis, without catch, approximately 140mm/ 5-½" length, titanium made, non glair - non reflecting surface.	2	piece
2.307	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
2.308	Reill Micro needle holder for microvascular anastomosis, without catch, curved tip, approximately 150mm/6" length, titanium made, non glair - non reflecting surface.	2	piece
2.309	IMA Heparin Cannula for microvascular anastomosis, malleable, 1.5mm tip diameter, titanium/stainless steel	2	piece
2.310	Vessel Dilating forceps for microvascular anastomosis, angled, approximately 10cm length, tip diameter 0.2mm, titanium made, non glair - non reflecting surface.	1	piece
2.311	Wired coaxial ophtalmoscope fixable on the the wall with coil loop wiring to allow upto 1.5 meters of extension	1	set

2.312	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 (1 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. 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	1	set
2.313	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.	1	set
2.314	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). Interrupted Galvanic :frequency 1 HZ, duration 30ms - 300 ms (continuously adjustable). Diagnostic option : should be able to do SD curve. Two years warranty.	1	set
2.315	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 autoclaving.	2	set
2.316	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 cannulasBalanced handpiece (Flat teardrop suction handle with safety couplingCannulas 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)	2	set
2.317	Kerrison bone punch 1mm 90 degree up cut (long)	1	piece
2.318	Kerrison bone punch 1mm 90 degree down cut (long)	1	piece
2.319	Kerrison bone punch 2mm 90 degree forward up cut	2	piece
2.320	Kerrison bone punch 3mm 90 degree forward up cut	1	piece
2.321	Kerrison bone punch 3mm 130 degree forward up cut	3	piece
2.322	Kerrison bone punch 4mm 130 degree forward up cut	3	Piece
2.323	Rotatable Kerrison Bone punch (90 degree) assembly (billy or equivalent) with two punches 1 mm and 2 mm each.	2	Set
2.324	Suction cannula Frazier type working length 8cm 3F size	3	piece
2.325	Suction cannula Frazier type working length 8cm 6F size	2	piece
2.326	Suction cannula Frazier type working length 8cm 9F size	3	piece

2.327	Suction cannula Frazier type working length 12cm 3F size	3	piece
2.328	Suction cannula Frazier type working length 12cm 6F size	2	piece
2.329	Suction cannula Frazier type working length 12cm 9F size	1	piece
2.330	Suitable tray for storage and sterilisation for all the above bipolar forceps with silicon cushion Mat	1	piece
2.331	Suction cannula Fergusson type ,conical tube,atraumatic rounded tip,tear drop shaped suction interruptor,working length 8cm 3F size	3	piece
2.332	Suction cannula Fergusson type ,conical tube,atraumatic rounded tip,tear drop shaped suction interruptor,working length 8cm 6F size	2	piece
2.333	Suction cannula Fergusson type ,conical tube,atraumatic rounded tip,tear drop shaped suction interruptor,working length 8cm 9F size	2	piece
2.334	Suction cannula Fergusson type ,conical tube,atraumatic rounded tip,tear drop shaped suction interruptor,working length 12cm 3F size	2	piece
2.335	Suction cannula Fergusson type ,conical tube,atraumatic rounded tip,tear drop shaped suction interruptor,working length 12cm 6F size	2	piece
2.336	Suction cannula Fergusson type ,conical tube,atraumatic rounded tip,tear drop shaped suction interruptor,working length 12cm 9F size	2	piece
2.337	Suitable tray for storage and sterilisation for all the above bipolar forceps with silicon cushion Mat	1	piece
2.338	Rhoton round microdissector 2mm tip Titanium	1	piece
2.339	Rhoton round microdissector 4mm tip Titanium	2	piece
2.340	Rhoton spatula microdissector 2mm tip Titanium	1	piece
2.341	Rhoton spatula microdissector 4mm tip Titanium	2	piece
2.342	Rhoton ball microdissector 90 degree angled Titanium	2	piece
2.343	Penfield round handle single tip flat curved dissector 2mm tip,stainless steel	1	piece
2.344	Penfield round handle single tip flat curved dissector 5mm tip,stainless steel	2	piece
2.345	Suitable tray for storage and sterilisation for all the above bipolar forceps with silicon cushion Mat	1	piece
2.346	Right angle clamp (fine tip)	2	piece
2.347	Raney clip applicator	3	piece
2.348	Macdonald dissector	2	piece
2.349	Dural Guide	3	piece
2.350	Howarth Periosteal elevator	6	piece
2.351	Artery Forceps, curved, Mosquito	10	piece
2.352	Artery Forceps, straight, Mosquito	10	piece
2.353	Microball Probes, 90 degree & 45 degree (one each)	1	set
2.354	Nerve Root Retractor	2	piece
2.355	Micro disc Punches, non- ceramic coated, straight - 3 Nos and angled - 1 Nos	2	set
2.356	Regular disc Punches, non- ceramic coated, straight - 3 Nos and angled - 1 Nos	2	set

2.357	Micro disc Punches, ceramic coated, straight - 4 Nos	2	set
2.358	Regular disc Punches, ceramic coated, straight - 3 Nos & angled - 1 Nos	2	set
2.359	Vertebral Spreader which expands from within the disc space in anterior cervical discectomy and fusion procedure	1	piece
2.360	Vertebral Spreader which expands using two pins that penetrates vertebral boddies in anterior cervical discectomy and fusion procedure	1	piece
2.361	Luer - Stille Bone Rongeur, 225mm / 9"	1	piece
2.362	Frykhon Bone Rongeur, 240mm / 9-1/2"	1	piece
2.363	Mayfield Bone Rongeur, 175mm / 7"	1	piece
2.364	Echlin Bone Rongeur, 230mm / 9"	1	piece
2.365	Gigli Saw Holder	2	piece
2.366	Freer Periosteal Elevator, 185mm, 7-1/4", sharp & blunt (one each)	2	piece
2.367	Caspar Bone Curettes, 3mm tip ,5mm tip, straight & angled (one each)	4	piece
2.368	Jansen Self Retaining Retractor, 100mm, 4"	2	piece
2.369	Weitlander Self Retaining Retractor, 165mm, 6-1/2"	2	piece
2.370	Adson Self Retaining Retractor, 320mm, 12-3/4"	2	piece
2.371	Beckman Eaton Self Retaining Retractor, 320mm, 12- 3/4"	2	piece
2.372	Micro jewellers dissecting forceps,flat handle.tip 0.5-1mm,around 15 length.Titanium	1	piece
2.373	Micro suture tying forceps with round handle and diamond dusted plateau at the tips, around 15cm length, 1-2mm tip,Titanium	1	piece
2.374	Micro forceps with diamond dust coating at tip and round handle, around 15 cm length,straight 1-2mm tip ,Titanium,	1	piece
2.375	Micro needle holder,Titanium around 15 cm length with diamond dusted holding surface straight tip 1-2mm	1	Piece
2.376	Micro needle holder,Titanium around 15 cm length with diamond dusted holding surface curved tip 1-2mm	1	piece
2.377	Micro forceps with diamond dust coating at tip and round handle, around 15 cm length,curved 1-2 mm tip ,Titanium,	1	piece
2.378	suitable tray for storage and sterilisation of the above 6 Titanium microinstruments with silicone protective spike cushions	1	piece
2.379	Yasargil microscissors stainless steel or high quality alloy,non glare matt finish surface,bayoneted ,working lenth 8cm blade 14mm opening 4mm staight tip	4	piece
2.380	Yasargil microscissors stainless steel or high quality alloy,non glare matt finish surface,bayoneted ,working lenth 8cm blade 14mm opening 4mm upcurved tip	2	piece
2.381	Yasargil microscissors stainless steel or high quality alloy,non glare matt finish surface,bayoneted ,working lenth 10cm blade 14mm opening 4mm staight tip	4	piece
2.382	Yasargil microscissors stainless steel or high quality alloy,non glare matt finish surface,bayoneted ,working lenth 10cm blade 14mm opening 4mm upcurved tip	1	piece
2.383	Yasargil or Vannas microscissors stainless steel or high quality alloy,non glare matt finish surface,straight flat handle ,total lenth 10cm blade 5-7mm opening 3-5mm staight tip	2	piece
2.384	Yasargil or Vannas microscissors stainless steel or high quality alloy,non glare matt finish surface,straight flat handle ,total lenth 10cm blade 5-7mm opening 3-5mm upcurved tip	2	piece

2.385	Yasargil or Vannas microscissors stainless steel or high quality alloy,non glare matt finish surface,straight flat handle ,total lenth 15cm blade 5-7mm opening 3-5mm staight tip	2	piece
2.386	Yasargil or Vannas microscissors stainless steel or high quality alloy,non glare matt finish surface,straight flat handle ,total lenth 15cm blade 5-7mm opening 3-5mm upcurved tip	2	piece
2.387	Yasargil microscissors stainless steel or high quality alloy,non glare matt finish surface,straight flat handle ,total lenth 15cm blade 5-7mm opening 3-5mm staight dissecting tip	2	piece
2.388	Yasargil microscissors stainless steel or high quality alloy,non glare matt finish surface,straight flat handle ,total lenth 15cm blade 5-7mm opening 3-5mm upcurved dissecting tip	2	piece
2.389	Yasargil microscissors stainless steel or high quality alloy,non glare matt finish surface,straight flat handle ,total lenth 15cm blade 5-7mm opening 3-5mm staight serrated cutting(super cut) surface tip	2	piece
2.390	Suitable tray for storage and sterilisation for all the above bipolar forceps with silicon cushion Mat	1	piece
2.391	Diamond knife wedge balde, length around 20cm	1	piece
2.392	Hardy Pituitary Curettes, 4mm, forward angled, straight	2	piece
2.393	Nicola Malleable Pituitary Curette	2	piece
2.394	Caspar 360 degree rotatable pituitary scissors	2	piece
2.395	Metzenbaum Scissors, 152 cm , microserrations at cutting edge, slim, black handle	3	piece
2.396	Metzenbaum Scissors, meddium size, 115 mm, Straight	2	piece
2.397	Metzenbaum Scissors, meddium size, 115 mm Curved	2	piece
2.398	Steven tenotomy scissors 15 cm with black coating	2	piece
2.399	Micro-Adson's Toothed Forceps, 150mm, 6"	2	piece
2.400	Standard Tissue Forceps, 145mm, 5-3/4"	8	piece
2.401	Rotatable Kerrison Bone punch assembly (billy or equivalent) with two punches 1 mm and 2 mm each.	2	piece
2.402	Micro Kerrison Convertible Ejector Ronguer with thin foot plate. Quote uniform price for all sizes. Sizes will be mentioned in purchase order.	2	piece
2.403	Detachable Kerrison which allows rapid cleaning of debris with ejector mechanism. Quote uniform price for all sizes.	2	piece
2.404	Hegar-Mayo Needle Holder, 150mm, 6", tungsten carbide tipe	5	piece
2.405	Shunt Tunneller, Adult	1	piece
2.406	Shunt Tunneller, Peadiatric	1	piece
2.407	Peritoneal Trocar	2	piece
2.408	Friedman Micro Ronguer. 140 mm long. (quote same price for straight and curved. The shape will be mentioned in purchase order	2	piece
2.409	Lembert Ronguer 190 mm (quote same price for straight and curved. The shape will be mentioned in purchase order	2	piece

2.410	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 applicators (including 2 keyhole applicators). The clips are organized by clip type, allowing for quick access to the necessary pattern. A list of applicators, by type, should be laser etched inside the lid for ease of reference. Spring handled applicators should be held in place with silicone brackets. Keyhole applicators are stored under the clip cases. Each individual clip case can be used as a stand alone storage and sterilization container.	2	set
2.411	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	1	piece
2.412	Nano Scissors, Red, 15cm Curved, 2.5cm WL	1	piece
2.413	Nano Needle Holder, Blue, Diamond Dusted Jaw, 15cm Straight, 2.5cm WL	1	piece
2.414	Nerve Root Suction Retractor	2	piece
2.415	Liga clip applicator.	1	piece
2.416	Fukushima key hole sugita aneurysm clip applicator with very thin profile and milled grip to secure large and mini clips	1	piece
2.417	Perneckzy type Aneurysm Clip applying forceps	2	piece
2.418	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
2.419	Spurling black coated intervertebral disc ronguers with semidetachable shaft with ceramic coating	1	piece
2.420	Olivecrona Dura forceps 2x3 fine teeth . 15 cm	1	piece
2.421	Osteotome with 8 mm edge,4 mm edge	4	piece
2.422	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
2.423	Instrumentation for Flap fixation clamp system includes the following. 1) Clamp Applying 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
2.424	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.	60	piece
2.425	Gardner - Wells Skull Tongs along with Traction Pulley and 10kg weights (1kg - 6 Nos., 2kg - 2 Numbers) The skull tongs should have spring loaded pins.	5	set
2.426	Mesh bender for easy bending of dynamic titanium meshes that can be contoured.	2	piece
2.427	Titanium mesh cutter	3	piece
2.428	Patient positioning silicone/deformable polymer Gel Device (Sacral protector-Adult)	4	piece
2.429	Patient positioning silicone/deformable polymer Gel Device (Sacral protector-pediatric)	1	piece
2.430	Patient positioning silicone/deformable polymer Gel Device (Flat Arm Board Pad-Adult)	1	piece

2.431	Patient positioning silicone/deformable polimer Gel Device (Flat Arm Board Pad-Peadiatric)	1	piece
2.432	Patient positioning silicone Gel/deformable polimer Device (Heel Support Pad - Adult)	1	piece
2.433	Patient positioning silicone Gel/deformable polimer Device (Heel Support Pad - Pediatric)	2	piece
2.434	Patient positioning silicone/deformable polimer Gel Device (Dome - Flat bottom chest roll - Pediatric)	1	piece
2.435	Patient positioning silicone/deformable polimer Gel Device (Dome - Flat bottom chest roll - Adult)	1	piece
2.436	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.	1	set
2.437	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.	1	set
2.438	Percutaneous, sterile, ready to use tracheostomy set.	5	set
2.439	Balloon kyphoplasty set with kyphoplasty cement in sterile ready to use package. Should have a pressure indicating syringe with digital display.	2	set
2.440	Intracranial pressure monitor (supply one compatible parenchymal or subdural or ventricular consumable item)	5	Set
2.441	Chlorhexidine slow release disc which can be placed at the site of indwelling vascular catheters. Should release the agent over seven days.	20	piece
2.442	polytetrafluoroethylene patch 0.3 mm thickness suitable for carotid endarterectomy (7X5 cm)	5	piece
2.443	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	50	set
2.444	Cyanoacrylate microbial sealants for skin preparation prior to surgery in a disposable, sterile, single- use applicant that can cover an area of 20 X 20 cm	20	set
2.445	Endotracheal and Tracheostomy cuff pressure controller to continously 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	10	set
2.446	Bronchial Hygiene vibratory PEP therapy system : Should benefit both PEP therapy and airway vibration to mobilize pulmonary secretions and also in virtually spatial orientaion. Should allows 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.	5	1 piece
2.447	Hand Cuff Pressure Gauge and inflator <ul style="list-style-type: none"> <li>• Gauge Monitor intra cuff pressure of Endo Tracheal Tubes/ Tracheostomy Tubes should have Conveneint, ergonomic design</li> <li>• Should be able to inflate or deflate cuff as per requirement</li> <li>• Should form an adequate seal and safe cuff pressure</li> <li>• Should Calibrated in cm of water</li> <li>• Should fitted with clip attachment for storage &amp; Quick access for intra cuff pressure monitoring.</li> <li>• Should have additional extension cord supplied with the instrument</li> <li>• Should have button to adjust pressure ( reducing cuff pressure)</li> <li>• Should have the provision in the bottom of instrument for deflating the cuff</li> </ul>	5	1 piece

2.448	Long screwdriver for placing the stereo-EEG electrode	2	piece
2.449	Wrench for placing the stereo-EEG electrode	2	piece
2.450	Clamp for placing the stereo-EEG electrode	2	piece
2.451	Ruler for the stereo-EEG electrode	2	piece
2.452	Drill (length of 200 mm) for placing the stereo-EEG electrode	2	piece
2.453	Drill (length of 250 mm) for placing the stereo-EEG electrode	2	piece
2.454	Stylet with stopper for placing the stereo-EEG electrode	2	piece
2.455	Straight coagulation electrode 30 mm compatible with the stereo-EEG electrode	2	piece
2.456	Dennis Micro Ring Tip Forcep 8 1/4" with 1mm * 0.5mm tip and counterbalance	2	pieces
2.457	Gerald tissue forceps- 2*1 teathed,1.4 mm tip, straight, 7 inches	2	pieces
2.458	Gerald tissue forceps- 2*1 teathed,1.4 mm tip, bayonet, 7 inches	2	pieces
2.459	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.	5	set
2.460	Weight Cuff with velcro strap. Set of 1kg, 2kg & 3kg cuffs (one set should ocntain all the items)	5	set
2.461	Rubber Dumbbells. Set of 1kg, 2kg & 3kg dumbbells for muscle strengthening	10	set
2.462	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.	50	set
2.463	Frame Walker (Medium size)	20	set
2.464	Foldable Walker for making the patient to walk with support	20	set
2.465	Quadripod for making the patient to walk with minimal support	25	set
2.466	Tripod for making the patient to walk with minimal support	25	set
2.467	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	10	set
2.468	Hand dynamometer: Analogue dial type display with ability to measure upto 90 Kg or better	1	pieces
2.469	Hand dynamometer: Electronic with ability to measure and display upto 90 Kg or better	1	pieces
2.470	Suction cannula Fukushima type working length 8cm 3F size	2	pieces
2.471	Suction cannula Fukushima type working length 8cm 6F size	2	pieces
2.472	Suction cannula Fukushima type working length 8cm 9F size	2	pieces
2.473	Suction cannula Fukushima type working length 12cm 3F size	2	pieces
2.474	Suction cannula Fukushima type working length 12cm 6F size	2	Pieces
2.475	Suction cannula Fukushima type working length 12cm 9F size	2	Pieces
2.476	Ramani's spine retractor with atleast 4 sets of blades and hooks	2	sets



2.477	Compact LED light source with a goose neck suitable for use in ICU. Foot print should not exceed a maximum diameter of 60 cm	3	Units
2.478	Foramenotomy Kerrison Rongeurs with upward curve-2mm	2	pieces
2.479	Foramenotomy Kerrison Rongeurs with upward curve-3mm	2	pieces
2.480	Super Micro Bone Rongeur bayonnetted forceps type-straight tip with 90mm working distance	1	pieces
2.481	Super Micro Bone Rongeur bayonnetted forceps type-upward turned tip with 90mm working distance	1	pieces
2.482	Bayonnetted shaft Kerrison ronger 45 degrees upturned 2mm tip	2	pieces
2.483	Bayonnetted shaft Kerrison ronger 45 degrees upturned 1mm tip	2	pieces
2.484	Tubular retractor system for minimally invasive intracranial hematoma evacuation , 13.mm diameter of varying tlength-should have an obturator and sheath	10	pieces
2.485	Suction irrigation system with soft tube tip for use with neuroendoscope for intrcranial hematoma and intraventricular hematoma	1	pieces

**Samples should be given to the Storeroom, Department of NEUROSURGERY as per terms and Conditions (mentioned in Page 34) within ten days of the closing of online submission of bids failing which the bids will be rejected.**

## Terms and Condition

1. JIPMER SUPPLY NOT FOR SALE should be printed / inscribed on all units as well as packages.
2. DOOR DELIVERY of the items, i.e., delivery to the department of **NEUROSURGERY** is must.
3. Samples labeled each item with tender Serial no. must be sent to the Officer-in-Charge of **NEUROSURGERY**, JIPMER, Puducherry, before the date of opening of the tender, if failing which the tender will not be consider as lowest.
4. Supplied items should have a minimum shelf life of two years.
5. Samples of non-consumable costly items above Rs.1500/- if not selected should be collected by the concerned firm before the date of opening of next tender. No claim shall be entertained after this period.
6. Items having ISI / ISO similar certification or equivalent are likely to get preference.
7. Selected firms should supply the items in conformance with samples and specifications within the stipulated period with clear details in the packing such as quantity, date of manufacture, expiry date and batch nos if any, PACK SIZE should be maintained & delivery quantity should be in one or two lot only.
8. Consumable/Non-consumable samples of each item 03 Nos should be submitted. Samples labeled each item with tender Serial No. must be sent to the Officer-in-Charge of **NEUROSURGERY**, JIPMER, Puducherry, before the last date, if failing which the tender will not be consider as lowest.
9. Expiry of goods if any during the supply period, the expiry goods should be replaced with long period with free of cost to **NEUROSURGERY**, JIPMER, Puducherry.

### Section-III

#### **GENERAL INSTRUCTIONS TO TENDERERS**

##### **1. Period of contract:**

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

##### **2. Earnest Money Deposit (EMD)**

- i. The tenderer shall furnish along with its tender, Earnest Money for an amount of **Rs.5000/- (Rupees five thousand only)**. The Earnest Money is required to protect the purchaser against the risk of the tenderer's unwarranted conduct.
- ii. The tenderers who are currently registered and, also, will continue to remain registered during the tender validity period as Micro and Small Enterprises (MSEs) (**Only Manufacturers** for the items being quoted) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or with National Small Industries Corporation, shall be eligible for exemption from EMD. In case the tenderer falls in this category, it should furnish copy of its valid registration details (with MSME or NSIC, as the case maybe). **Traders and service providers are not exempted from EMD.**
- iii. The registered vendors of JIPMER are exempted for EMD as per JIPMER purchase guidelines. In case the tenderer falls in this category, it should furnish copy of its valid registration details.
- iv. The earnest money shall be denominated in Indian Rupees only and paid through SBI collect only.
- v. The earnest money shall be valid for a period of forty-five (45) days beyond the validity period of the tender.
- vi. Unsuccessful tenderers' earnest money will be returned to them without any interest after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful bidder's earnest money will be returned without any interest, after receipt of performance security from that tenderer.
- vii. Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful bidder's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.

##### **3. Eligibility conditions of bidders:**

- i. For items where the estimated value of annual procurement exceeds Rs 5 lakhs, the conditions as stated in Public Procurement (Preference to Make in India), order 2017 of MoC and I (DIPP), Govt. Of India, as amended from time to time, shall apply. For such items, the Tenderer must be a domestic manufacturer that is a 'Class-I local supplier' or a 'Class-II local supplier' as defined under the above mentioned orders. For determining the eligibility of bidders to participate in the tender for such items where the estimated value of annual procurement of the item is more than Rs.5 lakhs bidders must furnish in tabular form as given in Appendix A the percentage of local content added and the place in this country where it was added, for each of such items, failing which the quote for such items where the required information is not provided in the Appendix as mentioned above, will be rejected summarily as being nonresponsive. 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 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. 2019-20, 2020-21, 2021-22.
- 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, EMD, Make-in-India self-certification as in **Appendix-A** only by original manufacturer, **GFR 144 (xi) compliance certificate** as in **Section-IX** 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 forfeiture of the EMD furnished by the bidder in its bid.

#### **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 in pdf format of **EMD receipt** or, if EMD exemption is claimed, **copy of valid registration** details proving that the bidder is a Micro or Small enterprise (**Only Manufacturer** for the items being quoted) or is registered as a Small-Scale Industry with MSE or Valid registration certificate if registered with JIPMER, as the case may be, should be uploaded. **Traders and service providers are not exempted from EMD.**
- b. In the cover named “**Prequal**” the scanned copy in pdf format of the following documents are to be uploaded:
  - i. The **Bidder’s Profile** as per in **Section-V** must be downloaded duly filled signed and stamped and uploaded.
  - ii. **Tender Form** as in **Section-VII** must be downloaded duly filled signed and stamped and uploaded.
  - iii. **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
  - 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).
  - vi. **Check list** as in **Section-VIII** in the prescribed format duly filled and signed must be uploaded.
- c. In the cover named “**Technical**” the scanned copy in pdf format of the following documents are to be uploaded:
  - i. **Copies of Supply orders/Completion certificate** in support of Eligibility condition 1 and 2.
  - ii. **Manufacturer’s Authorization letter** in company letterhead in format in given **Section-VI**
  - iii. Competent Authority under **GFR 144 (xi) (mandatory)** a copy of the same or **GFR 144(xi) compliance certificate** as in **Section-IX** must be uploaded.
  - iv. 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)** mentioning percentage of value addition in India and address of value addition for each item quoted, by Original



Manufacturer and any other document that the bidder wishes to submit as a single PDF file.

- v. **A file mentioning the list of items with their Make/Brand, Model and Pack size 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. 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, EMD 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.

#### **15. 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 EMD receipt or EMD exemption certificate.
  - 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.

#### **16. 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.

#### **17. 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.

## **18. Code of Integrity in Public Procurement; Misdemeanours and Penalties**

### **18.1 Code of Integrity**

Procuring authorities as well as bidders, suppliers, contractors, and consultants - should observe the highest standard of ethics and should not indulge in following prohibited practices, either directly or indirectly, at any stage during the Tender Process or during the execution of resultant contracts:

1. **“Corrupt practice”** - making offer, solicitation or acceptance of a bribe, reward or gift or any material benefit, in exchange for an unfair advantage in the Tender Process or to otherwise influence the Tender Process;
2. **“Fraudulent practice”** - any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. Such practices include a false declaration or false information for participation in a tender process or to secure a contract or in the execution of the contract;
3. **“Anti-competitive practice”** - any collusion, bid-rigging or anti-competitive arrangement, or any other practice coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the Procuring Entity, that may impair the transparency, fairness, and the progress of the Tender Process or to establish bid prices at artificial, non-competitive levels;
4. **“Coercive practice”** - harming or threatening to harm persons or their property to influence their participation in the Tender Process or affect the execution of a contract;
5. **“Conflict of interest”** –participation by a bidding firm or any of its affiliates who are either involved in the Consultancy Contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if their personnel have a relationship or financial or business transactions with any official of procuring entity who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the Procuring Entity with an intent to gain unfair advantage in the Tender Process or for personal gain;
6. **“Obstructive practice”** - materially impede procuring entity’s investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/ or by coercive practices mentioned above, to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the Procuring Entity’s rights of audit or access to information;

### **18.2 Obligations for Proactive Disclosures:**

Procuring authorities, bidders, suppliers, contractors, and consultants are obliged under this Code of Integrity to suo-moto proactively declare any conflict of interest (coming under the definition mentioned above - pre-existing or as and as soon as these arise at any stage) in any Tender Process or execution of the contract. Failure to

do so shall amount to a violation of this code of integrity. Any bidder must declare, whether asked or not in a bid-document, any previous transgressions of such code of integrity during the last three years or of being under any category of debarment by the Central Government or by the Ministry/ Department of the Procuring Organisation from participation in Tender Processes. Failure to do so shall amount to a violation of this code of integrity.

### **18.3 Misdemeanours and Penalties**

The following shall be considered misdemeanours - if a bidder/ contractor either directly or indirectly, at any stage during the Tender Process or during the execution of resultant contracts:

- 1) commits any of the following misdemeanours:
  - a) violates the code of Integrity mentioned in GCC-clause 13.1 or GCC-Clause 10.1.6 (Fall clause) or the Integrity Pact if included in the Tender/ Contract;
  - b) any other misdemeanour, e.g., supply of sub-standard quality of material/ services/ work or non-performance or abandonment of contract or failure to abide by 'Bid Securing Declaration'.
- 2) commits any of the following misdemeanours:
  - a) has been convicted of an offence:
    - (i) under the Prevention of Corruption Act, 1988; or
    - (ii) the Indian Penal Code or any other law for the time being in force for causing any loss of life or property or causing a threat to public health as part of the execution of a public procurement contract.
  - b) is determined by the Government of India to have doubtful loyalty to the country or national security consideration.
  - c) Employs a government servant, who has been dismissed or removed on account of corruption or employs a non-official convicted for an offence involving corruption or abetment of such an offence, in a position where he could corrupt government servants or employs a government officer within one year of his retirement, who has had business dealings with him in an official capacity before retirement.

### **18.4 Penalties for Misdemeanours**

Without prejudice to and in addition to the rights of the Procuring Entity to other remedies as per the Tender-documents or the contract, If the Procuring Entity concludes that a (prospective) bidder/ contractor directly or through an agent has committed a misdemeanour in competing for the tender or in executing a contract, the Procuring Entity shall be entitled, and it shall be lawful on his part to take appropriate measures, including the following:

#### **18.4.1 if his bids are under consideration in any procurement**

- 1) Enforcement of Bid Securing Declaration in lieu of forfeiture or encashment of Bid Security.
- 2) calling off of any pre-contract negotiations, and;
- 3) rejection and exclusion of Bidder from the Tender Process

#### **18.4.2 if a contract has already been awarded**

- 1) Termination of Contract for Default and availing all remedies prescribed thereunder;
- 2) Encashment and/ or Forfeiture of any contractual security or bond relating to the procurement;
- 3) Recovery of payments including advance payments, if any, made by the Procuring Entity along with interest thereon at the prevailing rate (MIBID - Mumbai Interbank Bid Rate)

#### **18.4.3 Remedies in addition to the above:**

In addition to the above penalties, the Procuring Entity shall be entitled, and it shall be lawful on his part to:

- 1) File information against Bidder or any of its successors, with the Competition Commission of India for further processing, in case of anti-competitive practices;
- 2) Initiate proceedings in a court of law against Bidder or any of its successors, under the Prevention of Corruption Act, 1988 or the Indian Penal Code or any other law for transgression not addressable by other remedies listed in this subclause.
- 3) Remove Bidder or any of its successors from the list of registered suppliers for a period not exceeding two years. Suppliers removed from the list of registered vendors or their related entities may be allowed to apply afresh for registration after the expiry of the period of removal.
- 4) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.
- 5) Debar, a bidder/ contractor from participation in future procurements without prejudice to Procuring Entity's legal rights and remedies. Debarment shall automatically extend to all the allied firms of the debarred firm. In the case of Joint Venture/ consortium, all its members shall also stand similarly debarred:
  - a) A Ministry/ Department (or any of its CPSUs, attached offices, autonomous bodies) may debar a bidder or any of its successors from participating in any Tender Process undertaken by all its procuring entities for a period not exceeding two years commencing from the date of debarment for misdemeanours listed in sub-clause GCC 13.3 -1) above. The Ministry/Department shall maintain such a list which shall also be displayed on their website.
  - b) Central Government (Department of Expenditure (DoE), Ministry of Finance) may debar a bidder or any of its successors from participating in any Tender Process undertaken by all its procuring entities for a period not exceeding three years commencing from the date of debarment for misdemeanours listed in sub-clause GCC 13.3 - 2) above. DoE shall maintain such a list which shall be displayed on Central Public Procurement Portal (CPPP).

## 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 8. 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 5 pm)	
4.	Mobile No of contact person (available from 9 am to 6 pm)	
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 &amp; Seal)</p> <p>Dated:</p>		

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

**Section-VI**  
**MANUFACTURER'S AUTHORISATION FORM**  
**(Letterhead)**

Date: \_\_\_\_\_

To  
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. EMD receipt or if EMD exemption, Valid MSE (Only Manufacturer) certificate or JIPMER Registration Certificate	
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. 2019-20, 2020-21, 2021-22.	
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

Date:  
Place:

Name:  
Seal:

**Appendix-A**  
**(To printed on the Firm's letterhead)**  
**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.

b.

“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.

Item Code	Name of the Item	Percentage of Local content	Location of value addition in India.	Mention whether Class I local supplier or Class II local supplier or non-local Supplier

Authorized Signature:  
Name:  
Designation:

c. 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.

d. 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.

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

f. 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.

g. 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.

h. 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.

i. 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.

j. 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.

k. 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.

**SECTION – IX**

**GFR-144 (xi) compliance certificate  
(To be 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)

<b>Item Code</b>	<b>Name of the Item</b>	<b>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</b>	<b>Signature of Bidder (required in each row failing which that row will not be considered)</b>
		<b>I certify that the Bidder is NOT from such a country for this item.</b>	

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