

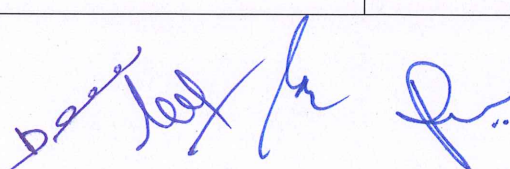
## LIST OF INSTRUMENTS IN GENERAL TRAUMA SET

Department of Pediatric Orthopedics requires a General Trauma instrument set for Main and Casualty OT.

The instruments should be of improved steel with high precision quality with CE, TUV, or ISO 9002 certification. **The fine cutting instruments should be of Tungsten carbide –Supercut variety. The needle holders should be with Tungsten Carbide inserts for extra durability. Radiolucent instruments for use with c-arm should be made of autoclavable carbon fiber composite material.** Osteotomes / Chisels / Bone Gouge / Impactors **should not** have wooden handles and should be in a single piece.

Following is the list of “autoclavable” instruments with detailed specifications and quantities

S.No.	Instrument	Specification	Quantity in Per Set
1	Multipurpose Orthopaedic Plier	With cutter and Bender option, Medium Size	1
2	Fast / Butterfly T-Handle	Large	1
3	T-Handle with Chuck and Key		1
4	K-Wire Cutter		1
5	Wire Z-Bender		1
6	Jumbo Cutter		1
7	Allen Keys	2.5mm, 3mm, 3.5mm	1 each
8	T-Wrench	Sizes 7,8,9,10,11,12	1 each
9	Spanner	Double ended, Sizes 7,8,9,10,11,12	1 each
10	Box Spanner	Double ended, Sizes 7,8,9,10,11,12	1 each

  
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11	Cannulated Hexagonal Screw Driver with screw sleeve	4.5 mm	1
12	Non-Cannulated Hexagonal Screw Driver with screw sleeve	4.5 mm	1
13	Cannulated Hexagonal Screw Driver with screw sleeve	3.5 mm	1
14	Non-Cannulated Hexagonal Screw Driver with screw sleeve	3.5 mm	1
15	Cannulated Hexagonal Screw Driver with screw sleeve	2.5 mm	1
16	Non-Cannulated Hexagonal Screw Driver with screw sleeve	2.5 mm	1
17	Drill Bit, Cannulated	6 mm	1
18	Drill Bit, Non-Cannulated	6 mm	1
19	Drill Bit, Non-Cannulated	4.5 mm	1
20	Drill Bit, Cannulated	4 mm	1
21	Drill Bit, Non-Cannulated	3.2 mm	1
22	Drill Bit, Non-Cannulated	2.5	1
23	Drill Bit, Non-Cannulated	2 mm	1
24	Drill Bit, Non-Cannulated	1.5 mm	1
25	Cortical Tap with handle	6.5 mm	1
26	Cortical Tap with handle	4.5 mm	1
27	Cortical Tap with handle	3.5 mm	1
28	Universal Drill Sleeve double ended	4.5 / 3.5	1
29	Universal Drill Sleeve double ended	3.5 / 2.5	1
30	Curette double ended	Medium	1
31	Czerny's Right Angled Retractor	Small, Medium	1 pair each
32	Langenbach's Right Angled Retractor	Small, Medium	1 pair each
33	Bristow's Bone Lever	Small, Medium	1 pair each
34	Hohmann Bone Spike	Size 6, 12, 18	1 pair each
35	Bone Hook	Medium	1
36	Lowman Clamp	Small, Medium	1 each

37	Weislander Self-Retaining Mastoid Retractor	Small, Medium, Large	1 pair each
38	Padgett Bone Cutter, Straight	Small, Medium	1 each
39	Double Action Bone Nibbler	Straight; Small, Medium	1 each
40	Double Action Bone Nibbler	Angled; Small, Medium	1 each
41	Self-Retaining Serrated Bone Reduction Clamp	Small, Medium	1 pair each
42	Self-Retaining Serrated Plate Holding Clamp	Small, Medium	1 pair each
43	Self-retaining single pronged pointed (Olecranon, Malleolus) reduction Clamps	Small, Medium	1 each
44	Self-retaining double pronged pointed (Patella) reduction Clamps	Medium	1
45	Mathieu Cat's Paw Retractor	Small, Medium	1 pair each
46	Straight Pointed Bone Awl		2
47	Rush Nail Holder		1
48	Rush Nail Initial Impactor		1
49	Rush Nail Terminal Impactor		1
50	Tessier Osteotome, Straight	10mm, 15mm	2 each
51	Tessier Osteotome, Curved	10mm, 15mm	2 each
52	Bone Gouge, Straight	10mm, 15mm	2 each
53	Bone Gouge, Curved	10 mm, 15 mm	2 each
54	French Bone Chisel	10mm, 15mm	1 each
55	Bone Hammer	Small	1
56	Orthopaedic Mallet	450 gm	1
57	McDonald's Retractor	Small, medium	1 each
58	Nerve Root Retractor	medium	1
59	Wire Tensioner		2
60	Periosteum Elevator	Small, medium	1 each
61	Right Angled Artery Forceps	Small, medium	2 each
62	Kocher Artery Forceps, Straight	Small, medium	2 each
63	Kocher Artery Forceps, Curved	Small, medium	2 each

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64	Russian Pattern Thumb Forceps	Small, medium	1 each
65	Triple Trochar for External Fixator	Medium	1
66	Plate Benders	Medium	1 pair
67	Gigli Saw Hooks	Medium	1 pair
68	Box Chisel	Small, Medium	1 each
69	Depth Gauge	Small, Medium	1 each
70	Stardrive Screw Driver with screw sleeve	4.5 mm	1
71	Torque Limiting Locking Head Screw Driver with screw sleeve	4.5 mm	1
72	Wire Passer	Medium	1
73	Bard Parker Handle	3 No.	1
74	Bard Parker Handle	4 No.	1
75	Kelly Artery Forceps-Straight, Curved	Small, Medium	1 each
76	Halstead Artery Forceps-Straight, Curved	Mosquito	1 each
77	Halstead Artery Forceps-Straight, Curved	Small, Medium	2 each
78	Mayo Dissecting Scissors-Straight and Curved	Small, Medium	1 each
79	Gorney Scissors-Straight and Curved	Small, Medium	1 each
80	Metzenbaum Scissors-Straight and Curved	Small, Medium	1 each
81	Fomon supercut Scissors-Straight and Curved	Small, Medium	1 each
82	Stevens Tenotomy Scissors-Straight and Curved	Small, Medium	1 each
83	Debakay Thumb Forceps, non-toothed	Small, Medium	1 each
84	Debakay Thumb Forceps, toothed	Small, Medium	1 each
85	Backhaus Towel Clips	Medium	

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86	Kidney Trays	10 inch length	1
87	Derf Needle Holder	Small, Medium	1 each
88	Mayo Hegar Needle Holder	Small, Medium	1 each
89	Frazier's Suction Cannula with thumb control	8 mm	1
90	Magill's Suction Cannula with thumb control	8 mm	1
91	Sponge Holding Forceps	Large	2
92	Allis Tissue Holding Forceps	Small, Medium	2 each
93	Adson's Tissue Holding Forceps	Small, Medium	1 each
94	Locking / Self Retaining Screw Holding / Removal Pliers	Small, Medium	2 each
95	Capner's Gouge	Medium	2
96	Radiolucent Bone Reduction Clamp / Forceps	6 inch, 9 inch	1 pairs each
97	Radiolucent Hohmann Retractors, Straight	6 inch, 9 inch	1 pairs each
98	Radiolucent Hohmann Retractors, Curved	6 inch, 9 inch	1 pairs each
99	Radiolucent Hohmann Retractors, Angled	6 inch, 9 inch	1 pairs each
100	Radiolucent Right angled Soft tissue Retractors	Small, Medium	1 pairs each
101	Steel Bowl	4 inch diameter	1
102	Heavy Duty Perforated Autoclavable Aluminium / Stainless Steel Box with trays and silicone mat for Set	Large	2

**WARRANTY TERMS:**

1. The supplier should provide a Lifetime Replacement Warranty Certification for the instruments (except Drill Bits) valid for at least 5 years.
2. For the next 5 years the supplier should provide a repair of the instrument (except Drill Bits) free of cost.

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3. The supplier should provide a Lifetime Warranty Certification against Corrosion valid for at least 10 years.
4. Each instrument supplied should have the manufacturer's logo imprint, which should not get dull on autoclaving or normal use.
5. The tenderer should be able to demonstrate ANY ten different instruments OF HIS CHOICE (including one Supercut and one Radiolucent instrument) as a sample, at his own cost on demand by Technical Evaluation Committee on institute premises.

#### IMPORTANT INSTRUCTIONS:

1. It shall be the responsibility of the supplier to meet all the statutory requirements and to take approvals of the Competent Authorities for import and installation of the equipment/spares etc.
2. All information in the tender document must be supported by original product data sheets. Computer-generated data sheets shall not be accepted.
3. All information asked for must be provided in the compliance statement under the heading given above. The vendors shall submit a point-wise compliance statement in regard to the specifications asked for in the tender and should mention corresponding page numbers matching the technical details in the compliance statement and the technical brochure – reciprocally.
4. The bid shall be submitted directly by the principals or by a Distributor who must be in the business of manufacturing and supply of Orthopaedic Instruments, from the same principals for more than three years continuously at the time of quoting this tender. The Principals must have at least three supplies in reputed medical institutions in India (of which at least two should be government institutes) with a supply record of over 5 years.
5. The Principals / Distributors must be having a clean track record of performance and service without having been punished in any form by any Government Institution or statutory bodies for non-performance, failing to meet commitments, any unfair trade practices or failing to meet statutory obligations etc. during the preceding five years.
6. The supplier shall also give a commitment that the price quoted for the equipment in the tender is the minimum price quoted to any institution in the country for similar terms and conditions; were in Government, semi-Government, autonomous or non-Government set up.

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**Conditions for tender:**

1. All accessories should be from the same Original Equipment Manufacturer for the main unit.
2. Instruments must be ISO certified and a copy should be enclosed. (The ISO Certificate must be issued by any organization accredited by the Bureau of Indian Standard or accredited by the international accrediting forum "IAF" (Certificate to be attached).
3. Should be USA FDA and/ or European CE be approved by 4 digits notified body.
4. Other necessary certifications if any required will be provided by the bidder for the smooth functioning of the machine.
5. Installation process should be performed by O.E.M trained service engineers/ service representatives on OEM letterhead or Service Report within 15 days of supply, with the mandatory provision of providing preventive services visit of OEM trained Service Engineer/ Service Representative quarterly per year till the completion of warranty period (i.e., 20 visits for the first 05 years) & further quarterly visits (04 visits/year) year till the completion of CMC period.
6. The equipment should have a Brand name/ Model Number embossed/etched on the equipment.
7. All the technical specifications in the compliance statement must be supported by Original Literature from the firm/ O.E.M with highlighting Numbering & flagging of all technical certificates.
8. Offered Equipment should have a strong Government Installation base.
9. Offered Equipment should have a Regional Sales Service Centre of the Original Equipment Manufacturer in the region for a 95 % uptime guarantee.
10. For the offered main unit, the essential, optional required consumables'/accessories' shelf life should be declared on the Original Equipment Manufacturer's letterhead.
11. In case of technical snag/failure/breakdown the response time for the inspection should be within 24 hours and repair within 05 days otherwise provide a service machine/ alternate arrangement to be made till the period of recovery of the breakdown of the unit, failing which attracts penal action as per the decision of institute/ hospital.
12. For offered equipment the Training of technical staff and users should be performed by Original Equipment Manufacturer trained Service Engineers at the proper designated place- at bidders' cost.
13. Company should quote their latest model and need to provide an affidavit for the same.

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14. As a tendering process the Demonstration of the offered Equipment is Mandatory at hospital/institute premises or other designated places at the bidder's cost.
15. The bidder must comply with the General Financial Rules and their modifications if any issued by the Government of India- 2017.
16. Any bidder from a country that shares a land border with India will be eligible to bid in the tender only if the bidder is registered with the Competent Authority (i.e., Registration certificate issued by the Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade- DPIIT after October 2020). If any such bidder is not registered with DPIIT they will be liable for technical disqualification.
17. Principal (OEM) must authorize only one agent to be quoted in the bid otherwise multiple quotes through different agents in the same bid will be canceled.
18. The Bidder and its OEM both have to submit a notarized affidavit on the Indian Non-Judicial Stamp Paper of Rs.100/- that the bidder has not quoted the price higher than the current financial year and last financial year supplied to any government Institute/ Organization/ reputed Private Organization. OEM also has to submit that the price quoted by the bidder in the bid is on its behalf and the lowest in the current and last financial year in the country. Therefore, if at any stage it has been found that the supplier and its OEM have quoted lower rates than those quoted in this bid; the Institute (the purchaser) would be given the benefit of lower rates by the Supplier and any excess payment if any, will become immediately payable to the Institute (the purchaser). If such an affidavit is not submitted, the bid will be outrightly rejected. (Part of technical bid).
19. Guarantee / Warranty Period: Separate offers of Comprehensive Maintenance Contract (CMC on main equipment) and Annual Maintenance Contract (AMC on main equipment) for further 5 years after expiry of 5 years of warranty (i.e., 6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> years) in rupees only (and on basis of percentage of price) should be included in a financial bid in the absence of which the offer is liable to be rejected. Payment for CMC/AMC shall be made only after the expiry of the warranty of 5 years, in case the Institute (the purchaser) decides for availing of CMC/AMC services. Contract for CMC/AMC shall be decided on expiry of warranty but rates (not more than 5% inclusive of all taxes for 6<sup>th</sup> to 10<sup>th</sup> year) will be frozen at the price of an issued purchase order before the release of payment by the Institute (the purchaser). However, the Institute (the purchaser) may decide not to enter into any CMC/AMC contract without assigning any reason for the same, which shall be binding upon the bid.





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*[Handwritten signatures]*