

e -TENDER AMENDMENT

Reference Tender Enquiry No.:- NEIGR / S&P / OT / E –26/2019-20 for processing of Cannulated Screw, Screw Removal Set, Fracture Specific Instrumentation Sets, Fracture Fixation Set, X -Ray Machine, Spica Table, with 5 years warranty only, as per MCI requirement, for department of Orthopaedic.

The following amendment /addendum are hereby being considered against the technical specification of High Speed Burr System:-

1. Cannulated Screw System (Assorted sizes) -1 Set

Sl. No.	Specification				
	Purpose :- Percutaneous fixation of various fractures (small bones to large bones)				
	Function: - Should be complete with full instrumentation including compatible guide wires, cannulated drill bits, drill sleeves, parallel guides for guide wires, countersink, direct measuring device (various compatible sizes), cannulated screwdrivers for all sizes with protection sleeves, cleaning stylet and cleaning brush.				
	Standards: - Both instruments and implants should be AO type or equivalent design for ease of application and familiarity, made of high-quality materials (Bio-inert, non-allergic). High durability of instruments must, (Titanium 50% and Stainless Steel 50%). Preferably, CE/FDA approved or certified "Make in India".				
	Maintenance: - Low maintenance design				
	Quantity: - 10 screws of each length, diameter and thread length				
Sl no	Cannulated Screw Size (Self-drilling)	Short Thread 16mm	Long Thread 32mm	Full Thread	Lengths
1	4.5	Yes	NA	NA	20-72mm
2	6.5	Yes	Yes	NA	50-120mm
Sl. No.	Cannulated Screw Size (Self-drilling)	Washer Outer Diameter	Washer Internal Diameter		
4	4.5	10.0mm	4.6mm		
5	6.5	13.0mm	6.6mm		
S. No	Cannulated Screw Size (Self-drilling)	Cannulated Drill Bit Diameter (mm)	Drill Sleeve		
1	4.5	3.2	Percutaneous Drill Sleeve Assembly:		
			Protection Sleeve 9.5/7.0		
			Drill Sleeve 7.0/3.2		
			Drill Sleeve 3.2/1.6		
Trocar 1.6mm Diameter					
2	6.5	5	Percutaneous Drill Sleeve Assembly:		
			Protection Sleeve 12.0/8.5		
			Drill Sleeve 8.5/2.8		

				Trocar 2.8mm Diameter	
Sl. No	(Self-drilling)	Guide Wire Diameter	Guide Wire Length	Tip	
1	4.5	1.6mm	150mm	Threaded tip with rectangular trocar	
2	6.5	2.8mm	300mm	Threaded tip with rectangular trocar	
					Qty
Cannulated Screw Size 4.5				Drill Bit ø3.2/1.75 cann L170/140 4flute	2
				Countersink-cann ø4.5	1
				T-Handle w/Quick-Coupl	1
				DoubleDrillGuide 4.5/3.2	1
				Parallel-Guide f/ Guide-Wires ø1.6 adjust	1
				ScrDriver-hex-cann ø4.5	1
				Hold-Sleeve f/ 314.200	1
				Direct Measur-Device ø4.5	1
				Clean-Stylet ø1.6	1
				Hold-Clip f/Washers	1
				ScrForceps self-hold L85	1
Cannulated Screw Size 6.5				Drill Bit ø5 cann L300/250 3flute	2
				Parallel-Guide f/ Guide-Wires ø2.8 adjust	1
				Protect-Sleeve 15.5/13	1
				ScrDriver-hex-cann ø6.5+7.3	1
				Hold-Sleeve large	1
				Clean-Brush ø2.9	1
				Hold-Clip f/Washers	1
				Clean-Stylet ø2.8	1
				Direct Measur-Device f/ GuideWires ø2+2.8	1
				ScrForceps self-hold L85	1

2. Screw Removal Set:-1 Set

Sl. No.	Specification
	Purpose: - To remove all stainless and titanium screws – cortex screws, cancellous bone screws, shaft screws, cannulated screws, locking screws and locking bolts.
	Function:- Should be complete with full instrumentation for the removal of all screw with the following drives:
	Hex: 1.5 mm, 2.5 mm, 3.5 mm and 4.0 mm
	Stardrive: SD4, SD5, SD6, SD8, SD15, SD25 and SD40
	Cruciform: 1.0 mm, 1.3 mm, 1.5 mm, 2.0 mm and 2.4 mm
	Standards: - All instrumentation should be AO type or equivalent design for ease of application and familiarity, made of high-quality materials (Bio-inert, non-allergic). High durability of instruments is a must. Preferably, CE/FDA approved or certified "Make in India". All instruments must be stowed in a single compatible storage case.
	Maintenance: - Low maintenance design

	Quantity: - 1 unit each (except were specified)
1	Small Screw Removal Forceps
2	Hollow Reamers
	for 3.5 mm and 4.0 mm Screws
	for 6.5 mm and 7.0 mm Screws
	for 4.5 mm screws
3	Extraction Bolts
	for 3.5 mm and 4.0 mm Screws
	for 6.5 mm and 7.0mm Screws
	for 2.7 mm screws
	for 4.5 mm screws and 5.0 mm screws
4	Conical Extraction Screws
	for threaded washers
	for 2.7 mm screws, 3.5 mm and 4.0 mm screws
	for 3.5 mm screws
	for 4.5 mm and 6.5 mm screws
5	Countersink for 3.5 mm cortex and 4.0 mm Cancellous Bone screw
6	Handle with mini quick coupling stainless steel
7	Countersink for 4.5mm Cortex and 6.5mm Cancellous Bone screws
8	Handle with mini quick coupling
9	Large handle with quick coupling
10	Gouge, width 9 mm
11	StarDrive Screwdriver Shafts
	T25
	T40
	T15, self-retaining
	T25, self-retaining
12	Solid Hexagonal Screwdriver, 4.0mm width across flats
13	Cruciform Screwdriver Shafts
	1.0 mm, self-retaining
	1.3 mm, self-retaining
	1.5 mm, 2.0 mm, self-retaining
14	Hexagonal Screwdriver Shafts
	4.0 mm width across flats
	small 2.5 mm width across flats
	large 3.5 mm width across flats
15	Large Hexagonal Screwdriver with T-Handle
16	Sharp Hook – straight and bent
17	Universal Chuck – small with T-Handle
18	Forceps for broken Screw removal
19	Spare Reamer Tubes (for hollow reamer)
20	High Speed Drill Bits
	Diameter 2.5 mm, length 57 mm – 5 units
	Diameter 3.5 mm, length 70 mm – 5 units
	To drill off the screw head (implant steel) or to pre-drill the screw recess
	Retractor right, 35 mm
	Retractor left, 35 mm
	Retractor right, 75 mm
	Retractor left, 75 mm

3. Upper Femur:-1 Set

Sl. No.	Specification	
	Upper Femur # Fixation Set	
	Instrumentation – for Proximal Femoral Nail A II	
1	The system should have Ø3.2mm guide wire.	
2	The system should have Ø2.8mm guide wire, 460mm in length with hook.	
3	Instrumentation should have Universal chuck with T handle	
4	Instrumentation should have awl	
5	The system should have a key for blade	
6	There should be a drill sleeve 8.0/4.0mm	
7	The system should have a large hexagonal screwdriver, Ø 3.5mm, with groove, length 300mm	
8	The system should have Protection Sleeve of 16.0/11.0 mm for the protection of soft tissues.	
9	The system should have Drill Sleeve of 11.0/3.2 mm for Blade	
10	The system should have a cannulated, flexible drill bit of Ø 17mm	
11	The system should have a protection sleeve 20.0/17.0 mm for nail.	
12	Instrumentation should include Insertion handle and cannulated connecting screw for nail insertion.	
13	The system should have a radiographic ruler for nail.	
14	The system should have a direct measuring device for blade	
15	The system should have a measuring device for locking bolt	
16	The system should have a reamer and a drill bit of Ø11mm for blade.	
17	The system should have a buttress/Compression Nut which enables intraoperative compression of the fracture.	
18	The system should have a Trocar Ø3.2mm for guide wire insertion for blade.	
19	Instrumentation should include an Aiming Jig for Antirotation wire	
20	The system should have a Drill sleeve 5.6/3.2mm for Antirotation wires	
21	Instrumentation should include an Impactor for Blade.	
22	The system should have a Protection sleeve 11.0/8.0mm	
23	The system should have a Trocar Ø 4.0mm,	
24	The system should have a drill bit Ø 4.0mm for distal locking.	
25	The system should have an Aiming arm 130 °for blade	
26	The system should have an Aiming arm for static locking.	
27	The system should have an Aiming Arm for dynamic locking for small/extra small nails.	
28	The system should consist of a tissue protector.	
29	The system should have a combination wrench Ø 11mm.	
30	The system should have a pin wrench Ø 4.5mm and length 120mm.	
31	The system should have a cleaning brush Ø 2.9mm	
32	The system should have a cleaning stylet Ø2.8mm, length 450 mm for cannulated instruments	
33	The system should have a hammer guide and combined hammer 500g which can be mounted.	
34	The system should have an extraction screw for Blade.	
35	Case for PFNA Instrument Set (part 1), without Lid, without Contents	1
36	Case™ for PFNA Instrument Set (part 2), without Lid, without Contents	1

37	Insert 1, for Ø 4.9 mm Locking Bolts, for PFNA Instrument Set (part 2), for Case	1
38	Rack for Locking Implants Ø 4.9 mm or Ø 5.0 mm, for Case	1
39	Tray 3, for Implants	1
40	Fixation Sleeve	1
41	Tissue Protector	1
42	Drill Sleeve, for PFNA-II	1
43	Screw Driver, Hexagonal	1
44	Connector for PFN	1
45	Holding Sleeve, large	1
46	Cleaning Stylet Ø 2.8 mm, length 450 mm, for Cannulated Instruments	1
47	Cleaning Brush Ø 2.9 mm, for Cannulated Instruments	1
48	Combination Wrench Ø 11.0 mm	1
49	Screwdriver, hexagonal, cannulated, for Cannulated Screws Ø 6.5 and 7.3 mm	1
50	Compression Instrument for PFNA/PFNA II Blade	1

4. Lower Femur:-1 Set

Sl. No.	Specification
	Lower Femur and Upper Tibia : Planting Instrumentation solution for:Large Fragment
1	The instrument set should contain Drill Bit with diameter 3.2mm, Length 145/120mm for quick coupling
2	The instrument set should contain Drill Bit with diameter 4.5mm, Length 147/120mm for quick coupling
3	The instrument set should contain large Countersink with length 180mm
4	The instrument set should contain T-Handle with quick coupling of Length 80mm
5	The instrument set should contain Tap for 4.5mm Cortex Screws with length 70/125mm
6	The instrument set should contain Tap for 6.5mm Cancellous Bone Screws Length 195mm
7	The instrument set should contain Double Drill Sleeve 4.5/3.2
8	The instrument set should contain Insert Drill Sleeve 4.5/3.2, Length 80mm
9	The instrument set should contain Double Drill Sleeve 6.5/3.2
10	The instrument set should contain Large Screwdriver Shaft with hexagonal recess & length 100mm
11	The instrument set should contain Large Screwdriver with hexagonal recess & groove with length 240mm
12	The instrument set should contain Large Holding Sleeve of length 120mm
13	The instrument set should contain Depth Gauge for 4.5 to 6.5mm Screws
14	The instrument set should contain Sharp Hook, Length 155mm
15	The instrument set should contain Articulated Tension Device
16	The instrument set should contain Combination Wrench, 11mm, Length 140mm
17	The instrument set should contain DCP® Drill Sleeve 4.5
18	The instrument set should contain LC-DCP Drill Sleeve 4.5
19	The instrument set should contain Universal Drill Sleeve 4.5
20	The instrument set should contain Bending Template for DCP® 4.5 and LC-DCP 4.5, Length 210mm
21	The instrument set should contain Bending Template for DCP® 4.5 and LC-DCP 4.5, Length 120mm
22	The instrument set should contain Bending Template for DCP® 4.5 and LC-DCP 4.5, Length 155mm
23	The instrument set should contain Ratchet Wrench, 11mm, Length 140mm
24	The instrument set should contain Torque-Limiting Screwdriver, Length 25 5mm, for 3.5 mm hexagon
25	The instrument set should contain Drill bit with diameter 3.5mm for metal

26	The instrument set should contain Conical Extraction Screw for 4.5/6.5mm Screws
27	The instrument set should contain Drill Bit with diameter 4.3mm, Length 221mm
28	Screwdriver Shaft 3.5, self-retaining, L 110mm
29	The instrument set should contain Threaded LCP Drill Guide for 4.3mm Drill Bit
30	The instrument set should contain Screw Holding Sleeve for LCP 4.5/5.0
31	The instrument set should contain Handle with Quick Coupling.

5. Upper Humerus:-1 Set

Sl. No.	Specification
	specification
1	The system should consist of 3 - 12 holes of anatomically precontoured plates – 2 numbers each
2	The system should be available with guide block for easy and correct insertion.
3	The system should be compatible with 3.5mm locking screws.
4	The locking and cortical screws should be self tapping and available from 26mm to 50mm length.
5	The implants should be made of pure Titanium.
6	The plates should have flat and rounded profiles to reduce soft tissue irritation.
7	The system should have Handle with Quick Coupling
8	The system should have Threaded LCP Drill Guide for 2.8mm Drill Bit
9	The system should have Screw Holding sleeve for LCP 3.5
10	The system should have Screwdriver Shaft 2.5 mm, L 80mm
11	The system should have Drill Bit, 2.8mm dia., L165 mm
12	The system should have Torque limiting Attachment for LCP 3.5, 15 Nm
13	The system must have PHILOS Direct measure-device f/K wire
14	The system should have Centering Sleeve for Kirschner Wire Ø 1.6 mm
15	The system should have Drill Sleeve 5.0/2.9
16	The system should have Drill Sleeve LCP 3.5
17	The implants should be provided in tray with lid
18	PHILOS Aiming Device
19	Centering Sleeve 6.0/5.0, for PHILOS Aiming Device
20	Universal Drill Sleeve LCP 3.5
21	PHILOS Aiming Device with Connecting Screw Stardrive® T15
	Instrumentation for Upper Humerus Fracture Fixation :
	Small Fragment
	The instrument set should contain Drill Bit with diameter 2.5mm & Length 110/85mm for quick coupling
	The instrument set should contain Drill Bit with diameter 3.5mm & Length 110/85mm, for quick coupling
	The instrument set should contain Countersink Shaft 3.5, Length 72mm
	The instrument set should contain Tap for 3.5mm Cortex Screws Length 50/110mm
	The instrument set should contain Tap for 4.0mm Cancellous Bone Screws Length 110mm
	The instrument set should contain T-Handle with quick coupling, Length 80mm
	The instrument set should contain Double Drill Sleeve 3.5/2.5
	The instrument set should contain Insert Drill Sleeve 3.5/2.5, Length 42mm Drill Bit with diameter 2.5mm

	The instrument set should contain Small Screwdriver with hexagonal recess with Holding Sleeve
	The instrument set should contain Small Screwdriver Shaft with hexagonal recess & Length 100mm for quick coupling
	The instrument set should contain Small Screwdriver with hexagonal recess & groove, Length 200mm
	The instrument set should contain Holding Sleeve, Length 80mm
	The instrument set should contain Depth Gauge for 2.7mm to 4.0mm Screws
	The instrument set should contain Sharp Hook, Length 155mm
	The instrument set should contain Holding Clip 4.5 - 7.0mm
	The instrument set should contain Screw Forceps, self-retaining, Length 85mm
	The instrument set should contain DCP® Drill Sleeve 3.5 for neutral and load position
	The instrument set should contain Bending Iron, slit widths 4.5/2.5mm, Length 150mm, for Plates 2.7 and 3.5
	The instrument set should contain Bending Iron, slit widths 2.5/4.5mm, Length 150mm, for Plates 2.7 and 3.5
	The instrument set should contain Bending Pliers for Plates 2.4 to 4.0, Length 230mm
	The instrument set should contain Bending Template for DCP® 3.5 and LC-DCP 3.5, Length 87mm
	The instrument set should contain Bending Template for DCP® 3.5 and LC-DCP 3.5, Length 114mm
	The instrument set should contain Wire Bending Pliers, Length 155mm
	The instrument set should contain Bending Iron, for Kirschner Wires 1.25 to 2.5mm dia., Length 120mm
	The instrument set should contain Reduction Forceps with points, Length 130mm
	The instrument set should contain Reduction Forceps with points, wide, ratchet lock, Length 132mm
	The instrument set should contain Reduction Forceps, toothed, ratchet lock, Length 140mm
	The instrument set should contain Bone Holding Forceps, self- centering, speed lock, Length 190mm
	The instrument set should contain Retractor, small, 8mm wide, short narrow tip, Length 160mm
	The instrument set should contain Periosteal Elevator, round edge, 6mm wide, Length 200mm
	The instrument set should contain Retractor, 15mm wide, Length 160mm
	The instrument set should contain Torque-limiting Attachment for LCP 3.5, 1.5Nm
	The instrument set should contain Drill bit with diameter 2.5mm for metal
	The instrument set should contain Conical Extraction Screw for PC-Fix
	The instrument set should contain Drill Bit with diameter 2.8mm, Length 165mm for quick coupling
	The instrument set should contain Screwdriver Shaft 2.5, Length 80mm
	The instrument set should contain Screw Holding Sleeve for LCP 3.5
	The instrument set should contain Threaded LCP Drill Guide for 2.8mm Drill Bit
	The instrument set should contain Handle with Quick Coupling
	General Instruments
	The instrument set should contain Small Sharp Bone Hook, Length 230mm
	The instrument set should contain Medium Sharp Bone Hook, Length 230mm
	The instrument set should contain Retractor, 8mm wide, short narrow tip, Length 220mm

	The instrument set should contain Retractor, 18mm wide, short narrow tip, Length 235mm
	The instrument set should contain Retractor, 24mm wide, long and wide tip, Length 270mm
	The instrument set should contain Curved shaft Periosteal Elevator, 14mm wide, Length 200mm
	The instrument set should contain Round edged Periosteal Elevator, 6mm wide, Length 200mm
	The instrument set should contain Straight shaft Periosteal Elevator, 14mm wide, Length 200mm
	The instrument set should contain Hammer 500g, Length 230mm
	The instrument set should contain Chisel Handle, Length 185mm
	The instrument set should contain Chisel Blade, 10mm wide, thickness 0.9mm, Length 81mm
	The instrument set should contain Chisel Blade, 16mm wide, thickness 0.9mm, Length 81mm
	The instrument set should contain Chisel Blade, 25mm wide, thickness 0.9mm, Length 81mm
	The instrument set should contain Gouge, curved, for cancellous bone graft harvest., 10mm wide, Length 250mm

6.Lower Humerus:-1Set

Lower Humerus	
Discription	Qty
Extraction Screw for Screws 3.5 mm	1
Drill Bit 2.5 mm, length 110/85 mm, 2-flute, for Quick Coupling	1
LCP Drill Bit 2.8 mm with Stop, length 165 mm, 2-flute, for Quick Coupling	2
Drill Bit 3.5 mm, length 110/85 mm, 2-flute, for Quick Coupling	1
Drill Bit 1.8 mm, length 100/75 mm, 2-flute, for Quick Coupling	2
Drill Bit 2.4 mm, length 100/75 mm, 2-flute, for Quick Coupling	1
Handle with Quick Coupling	1
Aiming Block, right, for LCP Olecranon Plate	1
Aiming Block, left, for LCP Olecranon Plate	1
Aiming Block for LCP Metaphyseal Plate 3.5, for distal medial humerus	1
Combined Holding Sleeve for Cortex Screws Stardrive 2.4/2.7 mm, T8, for Screwdriver Shafts 3.5 mm	1
Holding Sleeve for LCP Screws Stardrive 2.4/2.7 mm (head LCP 2.4), T8, for Screwdriver Shafts 3.5 mm	1
Screwdriver Shaft Stardrive, T8, cylindrical, with Groove, shaft 3.5 mm, for AO/ASIF Quick Coupling	1
Aiming Block, left, for DHP	1
Aiming Block, right, for DHP	1
Drill Sleeve 2.7, for DHP	1
Aiming Arm for DHP	1
Insert for Drill Sleeve 2.7	1
Insert for Drill Sleeve 3.5	1
Drill Sleeve 3.5, for DHP	1
Screwdriver Shaft, hexagonal, small, 2.5 mm	1
Screwdriver, hexagonal, small, 2.5 mm, with Groove	1
Screwdriver Shaft Stardrive 3.5, T15, self-holding, for AO/ASIF Quick Coupling	1

Depth Gauge for Screws 2.0 and 2.4 mm, measuring range up to 40 mm	1
Depth Gauge for Screws 2.7 to 4.0 mm, measuring range up to 60 mm	1
Screw Forceps, self-holding, length 85 mm	1
LCP Drill Sleeve 3.5, for Drill Bits 2.8 mm	5
Centering Sleeve 6.0/5.0	3
Drill Sleeve 5.0/2.9,	3
Centering Sleeve for Kirschner Wire 1.6 mm, length 70 mm	4
Direct Measuring Device for Kirschner Wire 1.6 mm	1
LCP Drill Sleeve 2.7 (head LCP 2.4), with Scale up to 60 mm, for Drill Bits 2.0 mm	2
Drill Bit 2.0 mm, with double marking, length 140/115 mm, 3-flute, for Quick Coupling	2
Universal Drill Guide 2.4	1
Universal Drill Guide 3.5	1
Bending Iron for Plates 2.4 to 3.5, length 145 mm	1
Bending Iron for Plates 2.4 to 3.5, length 145 mm	1
Bending Pliers for Plates 2.4 to 4.0, length 230 mm	1
Handle for Torque Limiter	1
Torque Limiter, 1.5 Nm, for AO/ASIF Quick Coupling	1
Torque Limiter, 0.8 Nm, with AO/ASIF Quick Coupling	1
Modular Tray for LCP Distal Humeral Plates, extraarticular, size 1/2, without Contents, Vario Case System	1
Lid for Modular Tray, size 1/2	1
Vario Case for LCP Elbow Plate System, without Lid, without Contents	1
Screw Rack for LCP Screws 2.7 mm (head LCP 2.4) and 3.5 mm, with Lid, without Contents	1
Tray for LCP Distal Humeral Plates in Vario Case without Contents	1
Insert for LCP Olecranon and LCP-DMH Plates in Vario Case without Contents	1
Lid (Stainless Steel), size 1/1, for Vario Case	1

7. Distal Radius Fracture Fixation Set-1 set

1. This system should consist of at least two plates for both dorsal and volar anatomically pre contoured plates for both right and left side bone of each different types to treat the common fracture patterns of DER
2. The implants and instruments should come in tray with lid
3. Instruments must be CE/FDA /BIS/CDSCO /ISO certified
4. The system should be compatible with 2.4/2.7mm locking screws.
5. All screws with Star drive, T8 Drive
6. The compatible implants should be made of Titanium Alloy (TAN)
7. The plates should have flat and rounded profiles to reduce soft tissue irritation.
8. The system should have drill bit of diameter 1.8mm and 2.0mm for Quick coupling.
9. The system should have LCP Drill Sleeve 2.4 and 2.7
10. The Dorsal Plates should consist of 2 straight plates for radial column and 8 right or left angled plates, 4 oblique plates and 2 T-plates for intermediate column of Distal Radius. The 5 types of Dorsal plates available in right and left except straight plate and T plate-
 - LCP Distal Radius Plate 2.4, straight, 5 - 6 holes
 - LCP T Distal Radius Plate 2.4, shaft 4 holes and head 3 holes
 - LCP T Distal Radius Plate 2.4, shaft 3 holes and head 3 holes
 - LCP L Distal Radius Plate 2.4, left angled and right angled, shaft 3 holes and head 2 holes
 - LCP L Distal Radius Plate 2.4, left angled and right angled, shaft 4 holes and head 2 holes
 - LCP L Distal Radius Plate 2.4, left angled and right angled, shaft 3 holes and head 3 holes
 - LCP L Distal Radius Plate 2.4, left angled and right angled, shaft 4 holes and head 3 holes
 - LCP L Distal Radius Plate 2.4, oblique, left angled and right angled, shaft 3 holes and head 3 holes
 - LCP L Distal Radius Plate 2.4, oblique, left angled and right angled, shaft 4 holes and head 3 holes
11. The Volar Plates should consist of 4 standard anatomically precontoured plates

and 2 volar buttes plates anatomically precontoured plates. The Volar plates available for juxta-articular placement available in right and left; design is standard long and buttress

- LCP Distal Radius Plate 2.4, left & right, shaft 3 holes, head 5 holes
- LCP Distal Radius Plate 2.4, left & right, shaft 5 holes, head 5 holes
- Optional- LCP Buttress Plate 2.4, left & right, shaft 3 holes, head 5 holes
- LCP Distal Radius Plate 2.4, extra articular, left & right, shaft 3 holes, head 5 holes
- LCP Distal Radius Plate 2.4, extra articular, left & right, shaft 5 holes, head 5 holes
- LCP Distal Radius Plate 2.4, extra articular, left & right, shaft 3 holes, head 4 holes
- LCP Distal Radius Plate 2.4, extra articular, left & right, shaft 5 holes, head 4 holes
- LCP Distal Radius Plate 2.4, extra-long, shaft 8, 10, 12 holes, head 4 holes

12. The locking and cortical screws should be self-tapping and available in the following dimensions:

- LCP Locking Screw _ 2.4 mm, self-tapping, length 6–30 mm
- LCP Locking Screw _ 2.7 mm (head LCP 2.4), self-tapping, length 6–30 mm (optional)
- Cortex Screw _ 2.4 mm, self-tapping, length 6–30 mm
- Cortex Screw _ 2.7 mm, self-tapping, length 10–30 mm
- The locking and cortical screws should be self-tapping and available in the following dimensions:
- LCP Locking Screw _ 2.4 mm, self-tapping, length 6–30 mm
- LCP Locking Screw _ 2.7 mm (head LCP 2.4), self-tapping, length 6–30 mm (optional)
- Cortex Screw _ 2.4 mm, self-tapping, length 6–30 mm
- Cortex Screw _ 2.7 mm, self-tapping, length 10–30 mm

8.Upper Tibia Fracture Fixation :-1Set

8Sl. No.	Specification
	Upper Tibia -Small Fragment
	The instrument set should contain Drill Bit with diameter 2.5mm & Length 110/85mm for quick coupling
	The instrument set should contain Drill Bit with diameter 3.5mm & Length 110/85mm, for quick coupling
	The instrument set should contain Countersink Shaft 3.5, Length 72mm
	The instrument set should contain Tap for 3.5mm Cortex Screws Length 50/110mm
	The instrument set should contain Tap for 4.0mm Cancellous Bone Screws Length 110mm
	The instrument set should contain T-Handle with quick coupling, Length 80mm
	The instrument set should contain Double Drill Sleeve 3.5/2.5
	The instrument set should contain Insert Drill Sleeve 3.5/2.5, Length 42mm Drill Bit with diameter 2.5mm
	The instrument set should contain Small Screwdriver with hexagonal recess with Holding Sleeve
	The instrument set should contain Small Screwdriver Shaft with hexagonal recess & Length 100mm for quick coupling
	The instrument set should contain Small Screwdriver with hexagonal recess & groove, Length 200mm
	The instrument set should contain Holding Sleeve, Length 80mm
	The instrument set should contain Depth Gauge for 2.7mm to 4.0mm Screws
	The instrument set should contain Sharp Hook, Length 155mm
	The instrument set should contain Holding Clip 4.5 - 7.0mm
	The instrument set should contain Screw Forceps, self-retaining, Length 85mm
	The instrument set should contain DCP® Drill Sleeve 3.5 for neutral and load position
	The instrument set should contain Bending Iron, slit widths 4.5/2.5mm, Length 150mm, for Plates 2.7 and 3.5

	The instrument set should contain Bending Iron, slit widths 2.5/4.5mm, Length 150mm, for Plates 2.7 and 3.5
	The instrument set should contain Bending Pliers for Plates 2.4 to 4.0, Length 230mm
	The instrument set should contain Bending Template for DCP® 3.5 and LC-DCP 3.5, Length 87mm
	The instrument set should contain Bending Template for DCP® 3.5 and LC-DCP 3.5, Length 114mm
	The instrument set should contain Wire Bending Pliers, Length 155mm
	The instrument set should contain Bending Iron, for Kirschner Wires 1.25 to 2.5mm dia., Length 120mm
	The instrument set should contain Reduction Forceps with points, Length 130mm
	The instrument set should contain Reduction Forceps with points, wide, ratchet lock, Length 132mm
	The instrument set should contain Reduction Forceps, toothed, ratchet lock, Length 140mm
	The instrument set should contain Bone Holding Forceps, self- centering, speed lock, Length 190mm
	The instrument set should contain Retractor, small, 8mm wide, short narrow tip, Length 160mm
	The instrument set should contain Periosteal Elevator, round edge, 6mm wide, Length 200mm
	The instrument set should contain Retractor, 15mm wide, Length 160mm
	The instrument set should contain Torque-limiting Attachment for LCP 3.5, 1.5Nm
	The instrument set should contain Drill bit with diameter 2.5mm for metal
	The instrument set should contain Conical Extraction Screw for PC-Fix
	The instrument set should contain Drill Bit with diameter 2.8mm, Length 165mm for quick coupling
	The instrument set should contain Screwdriver Shaft 2.5, Length 80mm
	The instrument set should contain Screw Holding Sleeve for LCP 3.5
	The instrument set should contain Threaded LCP Drill Guide for 2.8mm Drill Bit
	The instrument set should contain Handle with Quick Coupling
	General Instruments
	The instrument set should contain Small Sharp Bone Hook, Length 230mm
	The instrument set should contain Medium Sharp Bone Hook, Length 230mm
	The instrument set should contain Retractor, 8mm wide, short narrow tip, Length 220mm
	The instrument set should contain Retractor, 18mm wide, short narrow tip, Length 235mm
	The instrument set should contain Retractor, 24mm wide, long and wide tip, Length 270mm
	The instrument set should contain Curved shaft Periosteal Elevator, 14mm wide, Length 200mm
	The instrument set should contain Round edged Periosteal Elevator, 6mm wide, Length 200mm
	The instrument set should contain Straight shaft Periosteal Elevator, 14mm wide, Length 200mm
	The instrument set should contain Hammer 500g, Length 230mm
	The instrument set should contain Chisel Handle, Length 185mm
	The instrument set should contain Chisel Blade, 10mm wide, thickness 0.9mm, Length 81mm

	The instrument set should contain Chisel Blade, 16mm wide, thickness 0.9mm, Length 81mm
	The instrument set should contain Chisel Blade, 25mm wide, thickness 0.9mm, Length 81mm
	The instrument set should contain Gouge, curved, for cancellous bone graft harvest., 10mm wide, Length 250mm

9. Lower Tibia Fracture Fixation Set-1Set

Sl. No.	Specification
	Instruments – Lower Tibia: Small Fragment set for lower tibia
	The instrument set should contain Drill Bit with diameter 2.5mm & Length 110/85mm for quick coupling
	The instrument set should contain Drill Bitwith diameter 3.5mm & Length 110/85mm, for quick coupling
	The instrument set should contain Countersink Shaft 3.5, Length 72mm
	The instrument set should contain Tap for 3.5mm Cortex Screws Length 50/110mm
	The instrument set should contain Tap for 4.0mm Cancellous Bone Screws Length 110mm
	The instrument set should contain T-Handle with quick coupling, Length 80mm
	The instrument set should contain Double Drill Sleeve 3.5/2.5
	The instrument set should contain Insert Drill Sleeve 3.5/2.5, Length 42mm Drill Bit with diameter 2.5mm
	The instrument set should contain Small Screwdriver with hexagonal recess with Holding Sleeve
	The instrument set should contain Small Screwdriver Shaft with hexagonal recess & Length 100mm for quick coupling
	The instrument set should contain Small Screwdriver with hexagonal recess & groove, Length 200mm
	The instrument set should contain Holding Sleeve, Length 80mm
	The instrument set should contain Depth Gauge for 2.7mm to 4.0mm Screws
	The instrument set should contain Sharp Hook, Length 155mm
	The instrument set should contain Holding Clip 4.5 - 7.0mm
	The instrument set should contain Screw Forceps, self-retaining, Length 85mm
	The instrument set should contain DCP® Drill Sleeve 3.5 for neutral and load position
	The instrument set should contain Bending Iron, slit widths 4.5/2.5mm, Length 150mm, for Plates 2.7 and 3.5
	The instrument set should contain Bending Iron, slit widths 2.5/4.5mm, Length 150mm, for Plates 2.7 and 3.5
	The instrument set should contain Bending Pliers for Plates 2.4 to 4.0, Length 230mm
	The instrument set should contain Bending Template for DCP® 3.5 and LC-DCP 3.5, Length 87mm
	The instrument set should contain Bending Template for DCP® 3.5 and LC-DCP 3.5, Length 114mm
	The instrument set should contain Wire Bending Pliers, Length 155mm
	The instrument set should contain Bending Iron, for Kirschner Wires 1.25 to 2.5mm dia., Length 120mm
	The instrument set should contain Reduction Forceps with points, Length 130mm

	The instrument set should contain Reduction Forceps with points, wide, ratchet lock, Length 132mm
	The instrument set should contain Reduction Forceps, toothed, ratchet lock, Length 140mm
	The instrument set should contain Bone Holding Forceps, self- centering, speed lock, Length 190mm
	The instrument set should contain Retractor, small, 8mm wide, short narrow tip, Length 160mm
	The instrument set should contain Periosteal Elevator, round edge, 6mm wide, Length 200mm
	The instrument set should contain Retractor, 15mm wide, Length 160mm
	The instrument set should contain Torque-limiting Attachment for LCP 3.5, 1.5Nm
	The instrument set should contain Drill bit with diameter 2.5mm for metal
	The instrument set should contain Conical Extraction Screw for PC-Fix
	The instrument set should contain Drill Bit with diameter 2.8mm, Length 165mm for quick coupling
	The instrument set should contain Screwdriver Shaft 2.5, Length 80mm
	The instrument set should contain Screw Holding Sleeve for LCP 3.5
	The instrument set should contain Threaded LCP Drill Guide for 2.8mm Drill Bit
	The instrument set should contain Handle with Quick Coupling
	Instruments – Lower Tibia: Large Fragment
	The instrument set should contain Drill Bit with diameter 3.2mm, Length 145/120mm for quick coupling
	The instrument set should contain Drill Bit with diameter 4.5mm, Length 147/120mm for quick coupling
	The instrument set should contain large Countersink with length 180mm
	The instrument set should contain T-Handle with quick coupling of Length 80mm
	The instrument set should contain Tap for 4.5mm Cortex Screws with length 70/125mm
	The instrument set should contain Tap for 6.5mm Cancellous Bone Screws Length 195mm
	The instrument set should contain Double Drill Sleeve 4.5/3.2
	The instrument set should contain Insert Drill Sleeve 4.5/3.2, Length 80mm
	The instrument set should contain Double Drill Sleeve 6.5/3.2
	The instrument set should contain Large Screwdriver Shaft with hexagonal recess & length 100mm
	The instrument set should contain Large Screwdriver with hexagonal recess & groove with length 240mm
	The instrument set should contain Large Holding Sleeve of length 120mm
	The instrument set should contain Depth Gauge for 4.5 to 6.5mm Screws
	The instrument set should contain Sharp Hook, Length 155mm
	The instrument set should contain Articulated Tension Device
	The instrument set should contain Combination Wrench, 11mm, Length 140mm
	The instrument set should contain DCP® Drill Sleeve 4.5
	The instrument set should contain LC-DCP Drill Sleeve 4.5
	The instrument set should contain Universal Drill Sleeve 4.5
	The instrument set should contain Bending Template for DCP® 4.5 and LC-DCP 4.5, Length 210mm

	The instrument set should contain Bending Template for DCP® 4.5 and LC-DCP 4.5, Length 120mm
	The instrument set should contain Bending Template for DCP® 4.5 and LC-DCP 4.5, Length 155mm
	The instrument set should contain Ratchet Wrench, 11mm, Length 140mm
	The instrument set should contain Torque-Limiting Screwdriver, Length 255mm, for 3.5 mm hexagon
	The instrument set should contain Drill bit with diameter 3.5mm for metal
	The instrument set should contain Conical Extraction Screw for 4.5/6.5mm Screws
	The instrument set should contain Drill Bit with diameter 4.3mm, Length 221mm
	Screwdriver Shaft 3.5, self-retaining, L 110mm
	The instrument set should contain Threaded LCP Drill Guide for 4.3mm Drill Bit
	The instrument set should contain Screw Holding Sleeve for LCP 4.5/5.0
	The instrument set should contain Handle with Quick Coupling
	General Instruments
	The instrument set should contain Small Sharp Bone Hook, Length 230mm
	The instrument set should contain Medium Sharp Bone Hook, Length 230mm
	The instrument set should contain Retractor, 8mm wide, short narrow tip, Length 220mm
	The instrument set should contain Retractor, 18mm wide, short narrow tip, Length 235mm
	The instrument set should contain Retractor, 24mm wide, long and wide tip, Length 270mm
	The instrument set should contain Curved shaft Periosteal Elevator, 14mm wide, Length 200mm
	The instrument set should contain Round edged Periosteal Elevator, 6mm wide, Length 200mm
	The instrument set should contain Straight shaft Periosteal Elevator, 14mm wide, Length 200mm
	The instrument set should contain Hammer 500g, Length 230mm
	The instrument set should contain Chisel Handle, Length 185mm
	The instrument set should contain Chisel Blade, 10mm wide, thickness 0.9mm, Length 81mm
	The instrument set should contain Chisel Blade, 16mm wide, thickness 0.9mm, Length 81mm
	The instrument set should contain Chisel Blade, 25mm wide, thickness 0.9mm, Length 81mm
	The instrument set should contain Gouge, curved, for cancellous bone graft harvest., 10mm wide, Length 250mm

10.Acetabular Fracture Fixation Set:-1 set

Sl. No.	Specification
	QR FOR Low Profile 3.5 Pelvic Basic Instrument Set in Graphic Case
	Material – Stainless Steel (Instruments)
	Material – Stainless Steel (Implants)
	Grade – 316L; ISO 5832 -1
	The Instrument should have Drill Bit, 3.5mm dia., L 195/170mm, for quick coupling

	The Instrument should have Tap for Cortex Screws Ø 3.5 mm, calibrated, length 175 mm
	The Instrument should have Holding Sleeve.
	The Instrument should have Screwdriver, hexagonal, small, Ø 2.5 mm, length 270 mm
	The Instrument should have Drill Bit, 2.5mm dia., L 230/205mm, 3-flute, with depth marking
	The Instrument should have Drill Bit Ø 2.5 mm, calibrated, length 300 mm, with Quick Coupling, for Percutaneous Insertion
	The Instrument should have Depth Gauge for Cortex Screws Ø 3.5 mm, measuring range up to 150 mm
	The Instrument should have Bending Iron for Reconstruction Plates 3.5 and 4.5, length 190 mm
	The Instrument should have Bending Pliers for Reconstruction Plates 3.5
	The Instrument should have Ratchet Wrench with AO/ASIF Quick Coupling
	The Instrument should have Handle with Quick Coupling
	The Instrument should have Screwdriver Shaft, hexagonal for Screws Ø 3.5 mm, length 250 mm
	The Instrument should have Screwdriver Shaft Star drive®, length 250mm
	Screw Forceps, self-holding, length 85 mm
	In-situ Bending and Twisting Handle, straight
	In-situ Bending and Twisting Handle, 90°
	In-situ Bending and Twisting Handle, 120°
	In-situ Bender

11. Pelvis Fracture Fixation Set:-1Set

Sl. No.	Specification
	Material – Stainless Steel (Instruments)
	Grade – 316L; ISO 5832 -1
	The Instrument should have Schanz Screw Ø 6.0 mm, length 190/50 mm, Stainless Steel
	The Instrument should have Universal Chuck with T-Handle, L 160mm
	The Instrument should have Bone Hook, sharp, medium, L 230mm
	The Instrument should have Bone Hook, sharp, large, L 200mm
	The Instrument should have Forceps for Screw Removal, L 205mm
	The Instrument should have Pelvic Reduction Forceps, small, length 190 mm, for use with Cortex Screws Ø 3.5 and 4.5 mm
	The Instrument should have Pelvic Reduction Forceps, medium, length 250 mm, for use with Cortex Screws Ø 3.5 and 4.5 mm
	The Instrument should have Pelvic Reduction Forceps, large, adjustable, speed lock, length 330 mm
	The Instrument should have Reduction Forceps, large, with points, L 200mm
	The Instrument should have Ball Spike, straight, with pointed ball tips Ø 6.5 mm, length 300 mm
	The Instrument should have Ball Spike, straight, long, with pointed ball tips Ø 6.5 mm, length 400 mm
	The Instrument should have Pelvic Reduction Forceps with pointed ball tips Ø 6.5 mm, length 250 mm
	The Instrument should have Pelvic Reduction Forceps, oblique, with pointed ball tips Ø 6.5 mm, length 200 mm
	The Instrument should have Pelvic Reduction Forceps, oblique, with pointed ball tips Ø 6.5 mm, length 240 mm

	The Instrument should have Pelvic Reduction Forceps with pointed ball tips Ø 6.5 mm, length 400 mm
	The Instrument should have Pelvic Reduction Forceps, asymmetric, with pointed ball tips Ø 6.5 mm
	The Instrument should have Pelvic Reduction Forceps, small, for Screws Ø 3.5 mm, length 250 mm
	The Instrument should have Disc, hole Ø 6.5 mm
	The Instrument should have Disc, rectangular, hole Ø 6.5 mm
	The Instrument should have Bone Hook, medium, long, length 330 mm
	The Instrument should have Bone Hook, large, long, length 330 mm
	QR FOR Low Profile 3.5 Pelvic Retractor Set in Graphic Case
	Material – Stainless Steel and Aluminum (Instruments)
	Grade – 316L; ISO 5832 -1
	The Instrument should have Pelvic Retractor, blunt, L 270mm
	The Instrument should have Retractor, 18mm wide, long narrow tip, L 235mm
	The Instrument should have Pelvic Retractor, medium, length 268 mm
	The Instrument should have Pelvic Retractor, large, length 323 mm
	The Instrument should have Retractor for Sciatic Nerve
	The Instrument should have Retractor for Sciatic Nerve, long
	The Instrument should have Retractor, can be contoured, width 20 mm
	The Instrument should have Retractor, can be contoured, width 30 mm
	The Instrument should have Retractor, can be contoured, width 40 mm
	The Instrument should have Radiolucent Hohmann Retractor, width 24 mm, length 275 mm, Aluminum
	The Instrument should have Radiolucent Hohmann Retractor, width 24 mm, length 267 mm, Aluminum

12. Specification for Item no 12 of Price bid BOQ "Spica Table **with 2 years warranty only**" will be remain same as original tender

Note:-

- 1) All the Individual prices of implants/instruments (Set Wise) must be quoted as percentage wise in the Schedule XI of the technical bid of the particular set quoted in the price bid for future procurement/processing, failing which the bid will be consider as techno commercially non-compliant
- 2) Bidders have to quote all the items of a particular set.

All other terms and conditions remains the same.

For further details regarding amendment, addendum, extension and downloading of documents, please visit website: www.eprocure.gov.in /www.neigrihms.gov.in; Tel/Fax: 0364-2538032; E-mail: storeneigrihms@gmail.com.

Sd/
Stores & Procurement Officer,
For and on behalf of Director, NEIGRIHMS