

Annexure-A

No.25/RIMS/ORTHO/EQUIP

Imphal, the 28th May 2015

(All the Items should be US FDA approved/CE certified)

Item no.1:- (a) Power Instrument for hand and foot surgery:-

- (i) It should be compact,
- (ii) light weight and suitable for hand and foot surgery.
- (iii) It must be operable with both hand and foot switch.

b. Components and quantity of the components.

Sl No.	Components	Quantity
i.	Hand piece with powerful motor	1 pc
ii.	Foot switch	1 pc
iii.	Censol	1 pc
iv.	Drill attachment with mini quick coupling	1 pc
v.	Straight burr attachment	1 pc
vi.	Sagittal saw attachment	1 pc
vii.	Angled burr attachment	1 pc
viii.	Reciprocating saw attachment	1 pc
ix.	Oscillating drill attachment	1 pc
x.	90° drill attachment	1 pc
xi.	Attachment for K-wire (chuckless)	1 pc
xii.	Attachment for screw insertion	1 pc
xiii.	Round burr, tip 2mm	5 pc
xiv.	Round burr, tip 4mm	5 pc
xv.	Round burr, tip 6.5	5 pc
xvi.	Round burr, diamond coated 5 mm	5 pc
xvii.	Sagital saw blade, width 6 mm	5 pc
xviii.	Sagital saw blade, width 8 mm	5 pc
xix.	Sagital saw blade, width 10 mm	5 pc
xx.	Crescent blade for halux valgus 13.3 mm blade	2pc
xxi.	Saw blade for reciprocating saw 5 mm	5 pc
xxii.	Saw blade for reciprocating saw 7 mm	5 pc
xxiii.	Saw blade for reciprocating saw 10 mm	5 pc

M. K. S.

Item no.2: (a) Pedicle screw and cage system.

Description:

(i) The instrument set should have all instruments necessary for pedicle screw fixation at all level of spine i.e. cervical, thoracic and lumbar and instrument necessary for fusion using cage.

(b) :-

Sl.No.	Item	Quantity
I	Pedicle centralizer	4
ii	Vice Grip (Rod clamp)	2
iii	Simple Rod Holder	2
iv	In situ Rod Bender	2
v	Reduction screw Breamer	2
Vi	Tube Rod Holder	2
Vii	Tube Rod Bender	2
Viii	Bone Tap(5.5mm and 6.5mm)	2
Ix	Mono screw Driver	1
X	Poly screw Driver	1
Xi	Straight Awl	1
Xii	Pedicle Sound	1
Xiii	Pointed Prob	1
Xiv	Flat Prob	1
Xv	Rod Stabilizer (D Torch)	1
Xvi	Innie Inserter	1
Xvii	Innie Tightner	1
Xviii	Open Rod Pusher	1
Xix	Closed Rod Pusher	1
xx	Rod Bender	1
Xxi	Spreader (Distraction) Straight	1
Xxii	Spreader (Distraction) Curved	1
Xxiii	Compressor straight	1
Xiv	Compressor Curved	1
Xv	Cage pusher, straight	1
Xvi	Cage pusher, Curved	1
Xvii	Tomy bar, Straight	1
Xviii	Tomy bar, Curved	1
Xxix	Lock screw driver	1
Xxx	Cage holder	1
Xxxi	Bone graft punch	1
Xxxii	Cage cutter	1
Xxxiii	Chisel 7 mm	1
Xxxiv	Chisel 8 mm	1



Xxxv	Chisel 9 mm	1
Xxxvi	Chisel 10 mm	1
Xxxvii	Chisel 11 mm	1
Xxxviii	Trisal 7 mm	1
Xxxix	Trisal 8 mm	1
Xl	Trisal 9 mm	1
Xli	Trisal 10 mm	1
Xlii	Trisal 11 mm	1
Xliii	T Handle for (c) nick couply	1
Xliv	Bone grafting Device	1
Xlv	Bone grafting Punch	1
Xlvi	Cage introduce	1
Xlvii	Bone pusher straight	1
Xlviii	Bone pusher curve	1
Xlix	Bone curette left	1
l	Bone curette right	1
li	Spreader straight	1
lii	Spreader Curved	1
liii	Compressor straight	1
liv	Compressor curved	1

(C) Cage and pedical screw Implant

i.	Titanium poly axial screw 4.5mm-30mm	5
ii.	Titanium poly axial screw 4.5mm-32mm	5
iii.	Titanium poly axial screw 4.5mm-34mm	5
iv.	Titanium poly axial screw 4.5mm-36mm	5
v.	Titanium poly axial screw 4.5mm-38mm	5
vi.	Titanium poly axial screw 5.5mm-30mm	5
vii.	Titanium poly axial screw 5.5mm-30mm	5
viii.	Titanium poly axial screw 5.5mm-32mm	5
ix.	Titanium poly axial screw 5.5mm-34mm	5
x.	Titanium poly axial screw 5.5mm-3.6mm	5
xi.	Titanium poly axial screw 5.5mm-38mm	5
xii.	Titanium Transverse connector	20
xiii.	Titanium cage 10 mm	5
xiv.	Titanium cage 12 mm	5
xv.	Titanium cage 14 mm	5
xvi.	Titanium cage 16 mm	5
xvii.	Titanium cage 18 mm	5
xviii.	Titanium expendable cage 14 mm 20 X 25 mm	2
Xix	Titanium expendable cage 14 mm 25 X 35 mm	2
xx	Titanium expendable cage 14 mm 35 X 55 mm	2
Xxi	Titanium expendable cage 14 mm 55 X 75 mm	2
Xxii	Titanium expendable cage 16 mm 20 X 25 mm	2

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Xxiii	Titanium expendable cage 16 mm 25 X 35 mm	2
Xlv	Titanium expendable cage 14 mm 35 X 55 mm	2
Xv	Titanium expendable cage 16 mm 55 X 75 mm	2
Xvi	Titanium TLIF kidney case 4° 7 mm	2
Xvii	Titanium TLIF kidney case 4° 8 mm	2
Xviii	Titanium TLIF kidney case 4° 9 mm	2
Xxix	Titanium TLIF kidney case 4° 10 mm	2
Xxx	Titanium TLIF kidney case 4° 11 mm	2
Xxxi	Titanium TLIF kidney case 8° 7 mm	2
Xxxii	Titanium TLIF kidney case 8° 9 mm	2
Xxxiii	Titanium TLIF kidney case 8° 10 mm	2
Xxxiv	Titanium TLIF kidney case 8° 11mm	2
Xxxv	Titanium TLIF kidney case 11° 7 mm	2
Xxxvi	Titanium TLIF kidney case 11° 8 mm	2
Xxxvii	Titanium TLIF kidney case 11° 9 mm	2
Xxxviii	Titanium TLIF kidney case 11° 10 mm	2
Xxxix	Titanium TLIF kidney case 11° 11 mm	2
XL	Titanium PLIF cage 20 mm X 7 mm	2
XLi	Titanium PLIF cage 20 mm X 8 mm	2
XLii	Titanium PLIF cage 20 mm X 9 mm	2
XLiii	Titanium PLIF cage 20 mm X 10 mm	2
XLiv	Titanium PLIF cage 20 mm X 11mm	2
XLV	Titanium PLIF cage 25 mm X 7 mm	2
XLVI	Titanium PLIF cage 25 mm X 8 mm	2
XLVii	Titanium PLIF cage 25 mm X 9 mm	2
XLViii	Titanium PLIF cage 25 mm X 10 mm	2
XLix	Spinal Instrument, graphic case	2
L	Pedicle screw, Sterilizing case	1
Li	Spinal case, Sterilizing case	1

Item no.3:- Power drill.

a) Description:

- (i) It should be battery operated,
- (ii) cannulated (3.2 mm or more),
- (iii) Light weight,
- (iv) autoclavable and
- (v) suitable for trauma surgery.

b) Components and its quantity.

Sl No.	Components	Quantity
I	Hand piece/motor unit rpm 0-900 reverse gear	2
Ii	AO/ASIF quick coupling	2

White

Iii	DHS/OCS quick coupling	2
Iv	Drill chuck with key	2
V	Drill chuck key less	2
Vi	Quick coupling for K-Wire (0.5 to 3 mm)	2
Vii	Hundson Adaotor	2
Viii	Zimmer adaptor	2
Ix	Trinkle adaptor	2
x	Sterilizing case	2

Item no.4:- Power oscillating saw

a) Description:

- (i) It should be battery operated autoclavable and
- (ii) suitable for arthroplasty and trauma surgery.

b) Components and quantity

Sl no.	Components	Quantity
i.	Hand piece/Motor unit	1
ii.	Oscillating saw blade 15 mm	5
iii.	Oscillating saw blade 20 mm Width	5
iv.	Oscillating saw blade 25 mm Width	5
v	Oscillating saw blade 5mm light	5

Item no.5:- Medullary reamer

a) Description:

- (i) It should be battery operated,
- (ii) autoclavable cannulated (more than 3.2 mm) and
- (iii) medullary reaming of femur and tibia.

b) Components and quality.

	Components	Quantity
I	Hand piece /Monitor unit	1
ii.	Guide rad (usable for both reaming and nail insertion)	2
iii.	Flexible reamer 8 mm	1
iv	Flexible reamer 9 mm	1
V	Flexible reamer 10 mm	1
vi.	Flexible reamer 11 mm	1
Vii	Flexible reamer 12 mm	1
Viii	Sterilizing case	1

White

Item no.6:- Ace tabular reamer;

a) Description :

- (i) It should be battery operated,
- (ii) autoclavable light weight,
- (iii) low nose and suitable for hip arthroplasty.

b) Components and quantity.

Components	Quantity
I Hand piece /Monitor unit	1
li Acetabular reamer 32 mm	1
iii Acetabular reamer 34 mm	1
iv Acetabular reamer 36 mm	1
v Acetabular reamer 38 mm	1
Vi Acetabular reamer 40 mm	1
Vii Acetabular reamer 42 mm	1
Viii Acetabular reamer 44 mm	1
Ix Acetabular reamer 46 mm	1
X Acetabular reamer 48 mm	1
Xi Acetabular reamer 50 mm	1
Xii Acetabular reamer 54 mm	1
Xiii Acetabular reamer 56 mm	1
Xiv Acetabular reamer 58 mm	1
Xv Acetabular reamer 60 mm	1


Item no.7:-

SL. No.	Equipment	Specification (in brief)	Qty
a)	Pulsatile lavage system	Pulsatile lavage for wound irrigation autoclavable tube. Electronically controlled irrigation pressure	1
b)	Electric pneumatic tourniquet	Digital pressure display, alarm Y connection, different cuff sizes.	1

Item no.8:-

Sl.no.	Item	Qty
I	Cannulated screw driver 3.5 mm tip with hexagonal	10
li	Cannulated screw driver 2.5 mm tip hexagonal	10
iii	Patella holding forcep with speed lock, double tip	5
iv	Reduction forcep, Serrated paw with speed lock, 300 cm length	8
v	Bone hook for reduction small medium large	5
Vi	Rod cutter for 3.5 mm rods	5
Vii	Pelvic G-clamp for emergency stabilization of pelvic fracture	10

Viii	Double action bone cutter	5
Ix	Bone spreader, Blade width 12 mm, length 260 mm	5
X	LISS Instruments set, Inter radiolucet insertion guide for distal femur left and right, sterilising tray with a set of implant, assorted size (distal femur right) 9 hole -1, 13 hole -1, distal femur left side, 9 hole -1, proximal tibia left side, 9 hole -1, 13 hole -1, proximal tibia right side 9 hole -1, 5 mm locking head self topping screw 26mm -(Opc, 40mm -10 pc, 55mm -10pc)	1
Xi	Bur	5
Xii	Bending plier for reconstruction of plates 2.7 & 3.5 length 240 mm	3
Xiii	Bending plier for plates 2.4 & 4.0 length 230 mm	3
Xiv	Bending press (length 400 mm)	3
Xv	Sterilising tray for large stainless steel screws	1
Xvi	Sterilising tray for large titanium screws	1
Xvii	Screw forceps self retaining 185 mm	3
Xviii	Plate holding forceps with swivel foot length 150 mm	3
Xix	Cutter for thin plates 1.5 & 2.7 length 256 mm	3
xx	Wire Tensioner Dynamometer	3
Xxi	Rod holding forceps for 3.5 mm rods	3
Xxii	Forceps for screw removal	3
Xxiii	Osteotome, straight 480x5x5mm	3
Xiv	Osteotome straight 480x10x10mm	3
Xv	Laminectomy punch angled 40° up -2 mm wide	3
Xvi	Laminectomy punch angled 40° up -4 mm wide	3
Xvii	Disc Rongeur straight 2 mm wide	3
Xviii	Disc Rongeur straight 4 mm wide	3
Xxix	Disc Rongeur straight 6 mm wide	3
Xxx	Gouges for cancellous bone grafts width 5mm straight	3
Xxxi	Gouges for cancellous bone grafts width 10mm straight	3
Xxxii	Gouges for cancellous bone grafts width 5mm curved	3
Xxxiii	Gouges for cancellous bone grafts width 10mm curved	3
Xxxiv	Chisel handle length 185 mm	2
Xxxv	Chisel blades 5 mm	2



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