



Government Medical College & Hospital, Nagpur
शासकीय वैद्यकीय महाविद्यालय व रुग्णालय, नागपूर
Mahatma Jyotirao Phule Jan Arogya Yojana
महात्मा ज्योतिराव फुले जन आरोग्य योजना

कार्यालयाचा पत्ता : औषधालयाचे बाजुला, शासकीय वैद्यकीय महाविद्यालय व रुग्णालय, नागपूर पिन क्र. ४४१२-२००११००

No.GMCHN/MJPJAY/ Orthopaedic -Quot/ 302

/2024

Date:- 14.02.2024

Quotation Enquiry.

To,

Subject: - Quotation Enquiry for Orthopaedic Implant under Envelope system (Recall)

The undersigned invited sealed quotations for the items mentioned below/on/reverse or as per enclosed statement for the use of the MJPJAY, Govt. Medical College & Hospital, Nagpur on the following terms & conditions.

- 1) The prices quoted should be free delivery to **MJPJAY Store**, Govt. Medical College & Hospital premises purely on **Patient-to-Patient** basis for local dealers and F.O.R. Destination for Outsides.
- 2) The Price quoted should be **Inclusive of all taxes, duties if payable** like customs, excise, **GST**. The **GST number** should be quoted in your letter while quoting the rates. Exemption of taxes, if on A.F. Forms etc. be separately stated.
- 3) The serial number of the items should not be changed while quoting rates. You may drop the item if not interested & **List should be prepared in printed copy only** otherwise it may be rejected.
- 4) Rates should be quoted strictly for the item specified in the list provided and for standard quality of goods. In case of alternate offer, the detailed specifications, name of manufacturer or make etc. must invariably be stated. Specifications other than specified in the schedule may be liable for rejection on even though lowest.

- 5) The quotation submitted will be valid for a period of one year only from the date of acceptance and if any case you are unable to supply you will be black listed for year.
 - 6) Loose packing of material will not be acceptable in any condition.
 - 7) The quotation received after due date will not be accepted. The quotation should be submitted in sealed cover. Unsealed quotations, which are not properly sealed, will not be accepted. The last or receiving date of the quotation is 21-02-2024 up to 5.00 p.m.
 - 8) Material should be supply in store (MJPJAY) & your invoice and challan should have the certification that the material supplied under this challan & invoice are of required standard and any defect found in future shall be sole responsibility of the supplier.
 - 9) Quotations if asked with samples, if not accompanies with sample will be liable for rejection even, they are lowest. Samples should be sent with a label attached quoting our ref. no of enquiry and Item no etc,
 - 10) The Dean, Govt. Medical College & Hospital, Nagpur does not pledge himself to accept the lowest or any quotations and reserves to himself right of acceptance or rejection any of quotations which does not suit to his requirements.
 - 11) If supplier (L1) did not supply selected required item or above-mentioned rules including in ETI (Emergency Telephonic Information) cases, the Supplier will be **BLACK LISTED** for the tender.
 - 11) Once in a year along with the quotation please provide attested photocopies of renewed PAN No, GST/CGST/SGST, VAT, CST, Shop establishment, Income tax clearance & etc
- Imp : Submit sealed quotation under two envelope (Two Bid) system Electronic Items.**

- 1) Envelope No. 1 --(Technical Bid : Specifications), Compliance Chart & Authorization letter, Other Certifications & Necessary Documents. Submit Items In format mentioned below.

Sr. No	Item Name	Manufacturer

- 2) Envelope No.2 --- (Price Bid). Submit Items In format mentioned below.

Sr. No	Item Name	Manufacturer	Rates per unit (Including GST)

ARTHROPLASTY

SRNO	PRIMARY HIP REPLACEMENT IMPORTED IMPLANT (GLOBALLY RECOGNIZED MULTI NATIONAL STANDARD COMPANY WITH US-FDA APPROVAL)	Manufacturer	Rate Quotes
1	Metal on polyimportedUNCEMENTED THR(globally recognized multi national standard company WITH USFDA APPROVAL)		
2	Imported uncemented THR, metal on poly with small stem for small anatomy femur(globally recognized multi national standard company WITH USFDA APPROVAL)		
3	Imported THR Hybrid (Cemented cup + Uncemented stem)WITH 40gm cement		
	REVISION HIP REPLACEMENT/ DIFFICULT PRIMARY with IMPORTED IMPLANT (GLOBALLY RECOGNIZED MULTI NATIONAL STANDARD COMPANY WITH US-FDA APPROVAL)		
4a	Imported Hybrid THR with Acetabular MESH WITH CEMENTED CUP WITH UNCEMENTED STEM with 40 gm cement		
4b	Imported Hybrid THR with Acetabular CAGE WITH CEMENTED CUP WITH UNCEMENTED STEM with 40 gm cement		
5a	Uncemented THR – Metal on poly (Titanium/Corail/HA Type) Head 28-36 UHMWPE		
5b	Cemented THR – metal on poly (Titanium/Corail/HA Type) - 2 Packs 40gm bone cement - Cement restrictor -Centralizer		
5c	Femoral long stem-wagner stem		
5d	Femoral long stem Modular S-ROM stem		
5e	Jumbo cup		
5f	Acetabular constrained liner		
	PRIMARY KNEE REPLACEMENT IMPORTED IMPLANT (GLOBALLY RECOGNIZED MULTI NATIONAL STANDARD COMPANY WITH US-FDA APPROVAL)		
6	Metal Backed Tibia, CS TKR (imported)		
7	All Poly TIBIA WITH CS TKR (Imported)		
7a	Imported TKR with Metal Backed Tibia with Tibial Extension rod- one (with various tibial augments for ex metal blocks, wedges, screws)		
7b	Imported TKR with Metal Backed Tibia with FEMORAL Extension rod(with various femoral augments for ex metal blocks, wedges, screws)		

		Manufacturer	Rate Quotes
	REVISION KNEE REPLACEMENT IMPORTED IMPLANT (GLOBALLY RECOGNIZED MULTI NATIONAL STANDARD COMPANY WITH US-FDA APPROVAL)		
8	Revision TKR WITH METAL BACKED with various augments, wedges and cones. Supplied with pulse lavage		
	SHOULDER AND ELBOW REPLACEMENT IMPORTED IMPLANT (GLOBALLY RECOGNIZED MULTI NATIONAL STANDARD COMPANY WITH US-FDA APPROVAL)		
10	Total shoulder arthroplasty (imported)		
11	Reverse Total shoulder arthroplasty (imported)		
12	Total Elbow arthroplasty (imported)		
13	Radial head Prosthesis (imported)		
14	Shoulder Hemiarthroplasty (imported)		
	HIP HEMI-ARTHROPLASTY IMPORTED IMPLANT (GLOBALLY RECOGNIZED MULTI NATIONAL STANDARD COMPANY WITH US-FDA APPROVAL)		
15	Uncemented hemiarthroplasty (Imported)- modular		
16	Cemented hemiarthroplasty (Imported)-MODULAR		

SR.NO	IMPLANT NAME	Manufacturer	Rate Quotes
	INDIAN IMPLANT FROM A STANDARD INDIAN COMPANY WITH EITHER USFDA AND/Or with EUROPEAN CE CERTIFICATE		
01	Metal on poly Indian uncemented THR(Titanium blasted/corail/HA coated)		
02	Cemented THR Indian with 2 packs bone cement 40gm, cement restrictor, centralizer		
03	Total Elbow arthroplasty (Indian)		
04	Radial head prosthesis (Indian)		
05	Shoulder hemiarthroplasty (Indian)		
06	AMP Hemiarthroplasty		
07	Uncemented Hemiarthroplasty (Indian) – Modular		
08	Cemented Hemiearthroplasty (Indian) – monoblock with 40gm cement		
09	Cemented Hemiarthroplasty (Indian) – Modular with 40gm cement		

Specifications for uncemented THR

- The system should have acetabular system and femoral stem system separately with accurate fit between acetabular and femoral components.
- Both the acetabular component and femoral component must be of same manufacturer.
- All the products must be US FDA approved compulsorily.
- FDA certificate of distributor/ dealer for stocking and selling of implant must be there.
- Certificate of authorized dealership/ distributorship must be there.
- All implants must have embossed batch number, company name, CE number with Barcoding.
- Implant supplier must supply implant on case-to-case basis.
- Distributer must provide complete instrumentation set for the implant in each case. Implant sizes must be complete WITHOUT FAIL EVERYTIME. Any repetitive absence of implant sizes during Surgery will be considered as a ground for blacklisting of supplier.
- Distributer must supply implant of the company quoted and no other company implant will be accepted.
- Instrument set should be supplied before 4 pm a day prior to surgery.
- Regular implants shall be supplied on same day notice.
- Revision Implants shall be supplied not more than 3 days later
- Local dealership/Distributorship within 10 kms of GMCH Nagpur. Distributer without office in Nagpur will be rejected.
- The acetabular shell, and femoral stem should be made up of surface coated (grid blasted/ plasma sprayed) titanium alloy or trabecular metal/ Hydroxyapatite coated.

- *The acetabular system* should have metal (surface coated titanium alloy) shell of variable sizes ranging from 40 mm to 70 mm with maximum 2 mm increments, 1mm increments will be preferred.
- Poly in all imported implants should be ultra high molecular weight highly crosslinked polyethelene, other polyethelene liners will not be accepted
- Variety of shells according to mode of fixation should be there like, one holed, cluster holed, multi-holed, and spiked holed.
- The shell inserter with adapter with rotational control, ball hex driver, and the provisional shells of sizes corresponding to original shells should be included.
- Cup positioner with alignment guide for lateral and supine position (A frame, Gunsight) should be there to aid in accurate cup positioning.
- Adequate number of screws (at least six) with flexible screwdriver (15mm, 30mm, and 45mm) must be provided in the set.
- Non modular straight screwdriver, screw hole plug instrument, universal handle, ratcheting modular handle, straight/ U joint/ modular flex shaft, adjustable drill guide, hex wrench, depth gauge, and screw holding forceps should be there in the system.
- Each acetabular system must include a polyethylene liner of variable sizes ranging from 22 mm, 26 mm, 32 mm, 38 mm, and 40 mm.
- The material of liner should be of highly crosslinked polyethylene with minimum thickness of 5 mm.
- The outer edge of liner should have variable inclination options like, neutral, 10°, and 20° elevation. 7 mm offset option in liner is desirable.
- Locking mechanism for stability of liner with the shell should be there.

- Liner inserter with dome impactor or hard bearing rim impactor of sizes corresponding to head sizes and disposable suction cup should be included for proper placement of liner.
- Provisional liner with provisional locking system must be there in a separate tray than the implant.
- All instruments for shell and liner placement must have quick release- locking mechanism.
- Removal instruments should be there in case intraoperative removal of liner and/or shell is needed.
- All the implants and instruments of acetabular system must be provided in a stainless steel, autoclavable case with lid.
- *The femoral system* should have stems made of surface coated titanium alloy as mentioned above with length up to 170 mm with variable width and provisional counterpart stem should also be there.
- Collarless/ collared, standard/ tapered, high offset/ varus stem option must be there.
- Fully polished, tapered, and trapezoidal neck must be there with modular option for length and offset according to head sizes.
- Insert hole on the stem for rotation control and threaded femoral inserter during stem insertion must be there.
- Magnetic trunnion of variable sizes should be provided in the set.
- Femoral head should be made up of cobalt chromium molybdenum alloy or oxynium or ceramic.
- Head implants with trials of sizes ranging from 22 mm to 40 mm must be provided.

- Box cutter, canal finder, serial reamers with variable broaches (small/ medium/ large) corresponding to the stem implant must be provided.
- Quick coupling mechanism should be present for easy placement of head and stem.
- Femoral head impactor should be included in the set.
- The instruments and implants should be provided in separate stainless steel, autoclavable case with lid with separate trial tray.
- **Templates for acetabular component and femoral component should be provided for preoperative planning.**
- Implant supplier must supply drill/ saw in each case.

Specifications for imported TKR

- The system should have femoral and tibial component system separately with accurate fit.
- Options for constrained/ semi constrained, PCL sacrificing, standard/ high flex knee system should be there.
- Both the components must be of same manufacturer.
- All the products must be US FDA approved compulsorily.
- FDA certificate of distributor/ dealer for stocking and selling of implant must be there.
- Certificate of authorized dealership/ distributorship must be there.
- All implants must have embossed batch number, company name, CE number with Barcoding.
- Implant supplier must supply implant on case-to-case basis.
- Distributer must provide complete instrumentation set for the implant in each case. Implant sizes must be complete without fail.
- Distributer must supply implant of the company quoted and no other company implant will be accepted.
- Instrument set should be supplied before 4 pm a day prior to surgery.
- Regular implants shall be supplied on same day notice.
- Revision Implants shall be supplied not more than 3 days later
- Local dealership/Distributorship within 10 kms of GMCH Nagpur. Distributer without office in Nagpur will be rejected.
- The femoral and tibial component should be made of fully polished cobalt- chromium alloy.
- ***The femoral components*** should have variable range of sizes with its trial counterpart.

- Instruments with quick coupling mechanism should be provided for easy trial/ implant placement, positioning or removal.
- *The tibial component* should have variable component sizes, stem length should be there with the trial counterpart.
- Tibial insert of highly cross-linked polymer must be there with various thicknesses with its matching trial components.
- Highly crossed linked patellar button should be provided with variable sizes.
- Distributer should provide antibiotic impregnated high viscosity bone cement with each case.
- The implants for femur, tibia should be given in separate autoclavable trays and trials and instruments should be provided in separate tray.
- Implant supplier must supply drill/ saw in each case.

Sr. No	Item Name
1	Radial head prosthesis (modular) with cement
2a	2.4/2.7mm proximal radius head plate (rim/head/ neck) a) Right
2b	2.4/2.7mm proximal radius head plate (rim/head/ neck) b) Left
3	Ulna screw nail all sizes
4a	Curved reconstruction plates with screws 3.5/4.5mm. a) Simple
4b	Curved reconstruction plates with screws 3.5/4.5mm. b) Locking
5	Curved low profile locking reconstruction plates with screws 3.5mm (straight/curved/J-plate)
6	Trochanteric stabilization plate for DHS with screws
7a	Medial distal Femoral plates. a) Simple
7b	Medial distal Femoral plates. b) Locking
8	Condylar angled blade plates with screws
9	Medial Distal Tibia locking plates with screws (clover Leaf)
10	Headless compression screws 2.4mm-3.5mm
11	J nail (All sizes)
12	V nail (All sizes)
13	K nail (All sizes)
14	Calcaneal simple plates with 3.5mm with screws (all shapes)
15	Bone cement (PALACOS/SIMPLEX 20gm)
16	G bone
17a	HTO plates (puddu plates) (All sizes) a) Right Side
17b	HTO plates (puddu plates) (All sizes) b) Left Side
18	HTO plates (TOMOFIX) (all Sizes)
19	Shoulder Hemiarthroplasty prosthesis (neer's prosthesis)(modular stem and head with cement)
20	Bone staples (small, medium, large)
21	Special Pelvic Plate
22	Tibia femoral/ Knee arthrodesis nail
23	Ankle arthrodesis nail
24	7mm cannulated cancellous screws fully threaded All sizes with washer
25	Stimulan Granules 5gm / 10gm

Sr No	Item Name
1	Closed loop Endo button with bioabsorbable screw
2	Button with socket (11mm/14mm/20mm) for meniscus root repair
3	All inside Meniscus repair suture
4	Two Bioabsorbable Screws.
5	Bio screw + Adjustable loop
6	Disposable Suture passer (Shoulder) Right 45 degrees
7	Disposable Suture passer (Shoulder) Left 45 degree
8	6mm and 8mm disposable cannula for shoulder arthroscopy
9	Radiofrequency ablation probe
10	Titanium spiked washer with screw(4mm/6.5mm)
Sr. No	<u>Item Name of Spine</u>
1	Paediatric 8 pedicle screws+2 connecting rods
2	Paediatric 6 pedicle screws+2 connecting rods
3	Paediatric 4 pedicle screws+2 connecting rods
4	Minimally Invasive spinal fixation system (MIS) 4 screws+ 2 connecting rods with TLIF PEEK cage
5	Fenestrated pedicle screw for osteoporotic bone ,8 screws+2 rods+1 packet of acrylic bone cement
6	Fenestrated pedicle screw for osteoporotic bone, 5 screws+2 rods+1 packet of acrylic bone cement
7	Laminoplasty plates with screws all sizes
8	Kyphoplasty kit
9	4 lateral mass screws+ 2 rods+2 C1-C2 Spacer cage
10	Spine radiofrequency probe (disposable)
11	4 Lateral mass screws with 4 pedicle screws with 2 Tapering cervicodorsal rods with Interlink



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