

All Bidders

Amendment-1

Subject: Tender for Package-III A: Supply, installation, testing & commissioning of Hospital beds for Hospital & OPD blocks for KCGMC, Karnal, Haryana

Dear Sir,

This has reference to the pre bid meeting held on 06.05.2016 for captioned subject works,

Please find enclosed at Annexure-1 (Amended specifications) as an AMMENDMENT-1/CLARIFICATION-1 may be noted, which shall be treated as a part of subject tender.

Further the following amendment may also be noted :

Sl no	Existing Provision	Amended provision
1	As per Clause no 3.3 of Vol-I of PQ : Agency must have their own manufacturing unit since 05 years with following facilities, own machineries including ownership proof along with affidavit and installed machinery photograph to be submitted and registrations: ISO- 9001-2008,ISO- 14001-2004, OHSAS- 18001, BIFMA Membership Certificate, Computer controlled Multistation edge bending machine, Computer controlled Press brake for sheet metal bending, Converised powder coating plant, Hot Hydraulic Press Machine for laminate, Membrane Pressing Machine, Factory act license, PF registration	May be read as : Clause no 3.3 of Vol-I of PQ : Agency must have their own manufacturing unit since 05 years with following certificates, own machineries including ownership proof and installed machinery photograph to be submitted: ISO- 9001-2008, ISO- 14001-2004,OHSAS- 18001, Factory act license , PF registration

On request of the bidder during pre bid meeting, last Date of online fill/ upload the tender has been extended as follows:-

Last Date of online fill/ upload the tender: 19.05.2016 upto 15:00 hrs and opening on same day at 15:30 hrs on 19.05.2016

The validity of bid security shall be considered from the original date of submission of bid i.e. 13.05.2016.

Amendments to be submitted online duly signed & stamp along with tender. Other conditions of tender will remain unchanged.

Prospective bidders are advised to regularly scan through HSCC e-tender portal <http://www.tenderwizard.com/HSCC> and <http://www.hsccltd.co.in> as corrigendum/amendments etc., if any, will be notified on these websites only and separate advertisement will not be made for this

Thanking you,

Project Coordinator, HSCC (I) Ltd

Name of Work : Package-III A : Supply, installation, testing & commissioning of Hospital beds & other associated works like minor civil, electrical, PHE works etc. for KCGMC, Karnal			
		Amendment-1	Annexure-I
		Revised Specification also superceeds BOQ description	
S.No.	BOQ Item No.	Name of furniture	Amended/ revised Specification
	1	Semi Fowler Bed	<p>The Bed Should Have Approx (L) 2100-2200mmX (W)(990-1010) mmX (H) 550-570mm.It should be a two function bed which have adjustable backrest and upper leg rest. It should have fixed height as per the human anthropometric study. Bed Frame MS ERW RECT Tube and MS ERW Round tube should be made of 30mm X 60mm and Ø 25.4 mm Section respectively of 1.6mm thickness. Under Structure should have a high diameter (31.75 mm) tube which should provide a sturdy understructure. Lead Screw: Thread Rolled En8 Lead Screw, with ACME threads and 6mm pitch should give good strength, with ease of operation. All the functions should operate with the help of 2 ergonomically dedicated handles, which are made of metal inserted PP co polymer, it's lever should be snap locked when not in use. All the handles should be provided operating guidance stickers. Head & Foot board should be made of blow molded Poly propylene. Head board and foot board should be with metal inserts to mound it on bed frame. Removable PP head board and foot board should have cut outs , for better gripping. Lying surface should be made of CRCA sheet of thickness of 1 mm. This lying surface should have 4 sections for bed profiling i.e. back adjustment, fixed pelvic section, upper and lower leg adjustment. Mattress platform should be provided with 5 no's mattress retainers. Lower leg rest section to be provided with MS Ratchet for lower leg rest adjustment to achieve Deep Vein Thrombosis (DVT) position. Mattress platform is strengthened by tubular frame of size 25.4mm dia x 1.6mm thickness. The lying surface should be strengthened by trapezoidal contour (rounded corner) 14 nos, embossed cut out. Lying surface should be made of CRCA sheet of thickness of 1 mm. This lying surface should have 4 sections for bed profiling i.e. back adjustment, fixed pelvic section, upper and lower leg adjustment. Mattress platform should be provided with 5 no's mattress retainers. Lower leg rest section to be provided with MS Ratchet for lower leg rest adjustment to achieve Deep Vein Thrombosis (DVT) position. Mattress platform is strengthened by tubular frame of size 25.4mm dia x 1.6mm thickness. The lying surface should be strengthened by trapezoidal contour (rounded corner) 14 nos, embossed cut out. High endurance metal castors provided with dual locking arrangement are diagonally placed. Wheel Dia 125mm Diagonal locking should provide better stability to bed in the locked position. There shall be 4 locations on bed frame to hold one stainless steel saline rod .Powder coating should be Bacteriostatic and thermosetting epoxy polyester, formulated to fulfill the requirements for bacterial protection.1. All powder coated parts in RAL white. Maximum patient load should be 135 kg .Backrest Elevation 70°±2. Knee Rest Elevation 24°±3</p> <p>2. Other plastic parts in Pantone Cool Grey 8C.</p> <p>3. User instruction stickers in Pantone Cool Grey 8C.Bed Should be provided with 4 section Mattress 75 mm Thick. Foam density of (40 +/-2 Kg/m3).Hardness :45+/- 2 as per IS 7888 for 25 % Compression .Stitched Upholstery cover material of Helium Heavy . Fire retardant, water resistance and antimicrobial property</p>

	2	Full Fowler with Mattress	<p>Bed should be four function bed with high low, back rest and knee rest function powered by means of 3 actuators. The fourth function of Trendelenburg should be manual. Overall size varies from 2160-2260 mm(L) x1020-1060 mm (W) x ht adjustable from 520 mm to upto 770 mm. Bed should have bottom frame of ERW oval tube of section 30 mm X 60 mm with thickness of 1.6 mm and ERW round tube of section 35 mm and thickness 3 mm Bed should have top frame of ERW oval tube of section 30 mm X 60 mm with thickness of 1.6 mm and ERW Round tube with section 35 mm and thickness 3 mm HRMS Linkage of 40 mm Section and 10 mm thickness. Actuators (TI Motion) should be noiseless and smooth in operations Patient Handset should be given which should be ergonomic for operating the actuators for bed profiling on standard Lead screw with Acme thread of 6mm pitch to be given to give good strength with ease of operation Snap locking handle lever with handle body keep it in folding position when not in use. Neoprene/rubber bumpers to be provided which have excellent shock absorbing property which provides strength and durability Polly Propylene Molding with anti microbial additives side board to be provided Head Board and leg board to be made of Polly Propylene molding antimicrobial additives with section of 37mm Broad & 3.5 mm wall thickness Lying surface should be of CRCA made of 1.2 mm thickness which should consist of mattress retainer to define the position of mattress Castors to be provided of Tente or equivalent make with high endurance plastic injection molded ,and provided with dual locking arrangement diagonally placed , wheel dia should be 125mm & Stem dia is 22 mm Auto Contour function should be available on handset where user can operate two function of backrest and knee rest by pressing single key Adjustable IV Pole should be provided along with the bed The bed should be provided with 40 density 100 mm thick PU foam mattress which should be covered by heavy helium material which is water proof, flame retardant, vapor & X-ray Permeable. Anti microbial epoxy polyester powder coating to be done Maximum safe working load to be 135 vKg, Trendelenburg (Head Low) of 10 + / - 2 degree and Reverse Trendelenburg of 8 +/- 2 Degree can be achieved at examination height of 610 mm onwards. Backrest elevation 70 degree +/- 2 degree. Knee rest Elevation 25 + / - 2 degree.</p>
1	3	ICU bed with mattress	<p>Fully automatic wire remote control with back rest up down, knee rest up-down, trendelenburg and reverse trendelenburg, hi-low position controlled through noiseless electro mechanical actuators operated by soft touch attendant(nurses')control panel. The overall dimension should be varies from 2140-2210 mm (L) x 1000-1030 mm(W)x Height adjusted from 480mm to 840 mm without mattress. Base frame should made of 30mmx 60mm 2mm thick CRCA rectangular tube with the bed frame of 50x 25mm and 40 x20mm, 2mm thick rectangular tube. Bed should have four section lying surface with ABS vacuum form with antimicrobial property which should be easily removable, washable to maintain hygiene with integrated mattress retainer. The bed should have four numbers of Polly propylene molded side board with drop down mechanism, completely collapsible to maintain zero transfer gap. There should be 4 nos of bumpers given at the four corners made up of neoprene with excellent shock absorbing property. In order to achieve the Deep vein Thrombosis (DVT) position, the lower leg rest portion of the bed frame should have the provision of a ms zinc plated ratchet(Hettich or equivalent make) .The ratchet should be adjustable in eight different positions. The back rest, Knee rest & other positions should be operated up to 70 degree, 24 degree and 15 degree respectively (Should work in all operating heights).The head board and leg board should be with 3mm wall thickness. The head board, leg board & side boards should have provision for color stickers & made of moulded Polly propylene with antibacterial additives. Both the head & leg board should be removable without locking mechanism for ease of use during emergency. There should be four nos of nylon moulded patient lifting pole holders and saline stand holders provided at the four corners of the bed. The bed should be provided with 125mm plastic injection moulded twin wheel castors with central and directional locking facility (Tente or equivalent make). The castors should be provided with MS round tube made auxiliary brake.</p> <p>It should have accessories like urine bag holders; ms chrome plated linen tray and provision for bed extension upto 180mm.The bed should have provision for front loading medium sized ms made oxygen cylinder cage. The unit should have the total load bearing capacity of 300kg with patient load bearing capacity of 135kg. The unit should work on power input of 230v +/- 15% and 50-60 HZ as appropriate fitted with Indian plug. All the MS parts should be treated with pre-treatment procedure with zinc phosphate and powder coated with antimicrobial and thermosetting epoxy polyester to control the bacterial growth. Bed should be provided with IV pole.</p> <p>This SS made IV pole should be of MS frame and SS made saline stand which can be fitted on the bed. The bed should be provided with 40 density 100 mm thick PU foam mattress which should be covered by heavy helium material which is water proof, flame retardant, vapor & X-ray permeable. The zip & stitches for the mattress cover should be concealed. The Manufacturer adheres to a certified quality management system in compliance with CE certified standard.</p>

3	4	Attendant Bed	Overall Sizes varies from :(L)1970-1990 mm X (W) 800-920 mm X (H) 400-550 mm. Bottom frame: made of MS ERW round tube dia 25.4 mm thick of 2.3 mm .top Frame :MS erw oval tube 30 mm X 60 mm oval 1.63 mm thick . Top sheet of CRCA 1.2 mm thick storage sheet of 1.2 mm thick Powder coated anti microbial and thermosetting epoxy polyester formulated to fulfill the requirement for bacterial protection .Max safe load of 135 Kg.
4	5	Bed Sheet with Mattress	<p>Overall dimension: (L) 1950-1998 x (W) 900-1000 x (H)550-570mm</p> <p>Head board & foot board Bent SS tube of thickness 1.6mm & PLT panel at centre of 18mm thick board</p> <p>Lying surface: Lying surface must be made of CRCA sheet with thickness of 1 mm & must be powder coated with anti microbial & anti rust coating. It should consists of mattress retainer to define the mattress position.</p> <p>Bottom frame ERW round & rectangular tubes should be used with thickness of 1.6 mm. Sleek base frame with large clear space & improved ground clearance to be given with long base structure to provide greater stability. Understructure ERW round tubes should be used with thickness of 2mm with section 32mm.Top frame HR MS flat sheet of thickness 1mm should be used</p> <p>Finish Specifications All metal components should be pre treated with zinc phosphating in 9 tank process and then powder coated with anti microbial epoxy polyester powder coating .</p> <p>"1. All powder coated parts in white and Other plastic parts in Grey.</p> <p>3. Head / Leg board SS tubes with buffed mirror finish.</p> <p>Performance Specifications Maximum patient load should be 135 kg.packing goods should be supplied in knocked down construction to reduce carbon emission.</p> <p>Mattress should have single section 100 mm mattress and made of 40 density pu foam. The mattress should have high end heavy hellium cover which is water resistant, x ray permeable, fire retardant.</p>