

Request For Budgetary Estimate of Furniture item for AIIMS Guntur, Andhra Pradesh

Ref.: HSCC/ AIIMS Guntur /Furniture/2024,

Date: 14/11/2024

HSCC (India) Ltd. intends to invite on-line bids from eligible bidders, in single stage two bid systems for Supply, Installation testing and commissioning of Furniture For AIIMS Guntur, Andhra Pradesh.

Technical Specifications and Bill of Quantity proposed for Furniture items are annexed herewith. It is requested to submit the Budgetary Quotation of the Furniture items with inclusive of all taxes & duties, 3 Years warranty and freight from warehouse to consignee location i.e. AIIMS Guntur, Andhra Pradesh.

The quotation should be on Company Letter Head with sign and stamp as per the BOQ format enclosed and should be submitted in both Hard & Soft Copy on or before 28th Nov 2024 of issue of this Notice at the following address:

General Manager (Procurement)

Furniture Department

HSCC (India) Ltd.,

E-6(A), Sector-1,

Noida (U.P.) - 201301.

Soft copy may please be sent to following emails:

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General Manager (Procurement),
HSCC (India) Ltd.

Technical Specification of Furniture items for AIIMS Guntur, Andhra Pradesh

1. Double X-Ray View Box



Double X Ray View Box 850mm W x 512mm H x 47mm D. Adopt LED light source with life of 100,000 hours. Maximum brightness can reach up to 5000cd/m² which is suitable for different density medical films. Makes use of A-Cast viewing screen which make the light brighter and softer, the screen can be used for long time and not turn yellow and deform. The light frequency is above 50KHz, effectively relieves the fatigue of vision.

2. Instrument Trolley



SS 304 sheet is provided at top for the placement of the instruments being used & also for easy in portability. SS 304 grade 1.2 mm thick sheet is provided at the top as well as bottom shelf for keeping the instrument being used. Horizontal bars is welded with legs so as to provide protection at sides with supporting legs giving a sturdy look. The castors of high quality plastic injected molded & anti-static having the diameter of 125mm Is used for easy in movement. Rest of the components like supporting legs, horizontal bar handle is made of SS 304 pipe having diameter 31.8, 12.7 mm with 1.2 mm thick respectively. Handles made of SS 304 pipe having section of 16mm & thickness of 1.2mm, Railing of trolley shall be made of 12 mm dia rod with 1.2 mm thick, Overall Dimension: 532mm WX 902mm L X 915mm H. Maximum safe working load is 40kg.

3. Instrument Trolley for Operation Theatre



Supply and installation of Instrument Trolley with SS 304 grade 1.2 mm thick sheet is provided at the top as well as bottom shelf for keeping the instrument being used & also for easy in portability. Horizontal bars is welded with legs so as to provide protection at sides with supporting legs giving a sturdy look. The castors of high-quality plastic injected molded & anti-static having the diameter of 125mm Is used for easy in movement. Overall Dimension: 584 mm WX 914 mm L X 915mm H. Maximum safe working load is 80 kg. Rest of the components like supporting legs, horizontal bar handle is made of SS 304 pipe having diameter 31.8, 12.7 mm with 1.2 mm thick respectively. Railing of trolley shall be made of 12 mm diameter rod with 1.2 mm thick, Understructure shall be made of 32 mm diameter Stainless steel 304 grade tube with 1.2 mm thickness, Top of the trolley: front side to be open and rest three sides to provide railing.

4. Visitor Chair



Supplying and placing of chairs of following specifications. The seat is made up of 1.4cm thick hot-pressed plywood, molded polyurethane foam and upholstered with fabric. Seat size shall be 50cm x 49cm. Back assembly shall be upholstered with Mesh fabric and is made of back outer injection molded in glass filled Polyamide and back inner injection molded in glass filled Polypropylene. The back consists of adjustable lumbar support made of injection molded Polyoxymethylene (POM) which is upholstered with foam and fabric having adjustment of 5.5cm. Back size shall be 48cm x 54.5cm. Polyurethane foam shall have density= 55 kg/m³. Four-way adjustable armrest shall be made from Glass filled

polyamide with PU arm top and height adjustment of 9cm. The arm top has swivel, side to side and to-fro movement. It shall have Auto Balance synchro Tilt mechanism and shall be 360° revolving type and 4 position giving option of variable tilt angle to the chair. Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 4.5cm. The class 4 pneumatic height adjustment has stroke of 9.5cm. The pedestal is injection molded in glass filled Polyamide and fitted with 5 nos. twin wheel castors. The Pedestal diameter is 67cm. Twin wheel castors are injection molded in Polyamide with 6cm diameter. The overall dimensions of the chair shall be 780mm x 780mm x (980mm - 107mm).

5. Steel Almirah



Providing and placing of Steel Almirah overall size: 916mm(W)x486mm(D)x1980mm(H) with welded construction. Almirah shall be made of CRCA 'D' grade high yield strength, CRCA sheets conforming to grade as per CRI of IS 513 (part-1) 2016, It should have 4 Nos. shelves with thickness of 1.0 mm, Back thickness of 1.0 mm, Door thickness of 1.0 mm (high yield strength) and stiffener shall be provided in door up to full height, Width of stiffener 115 mm, Stiffener sheet thickness. 0.8 mm and all other components shall have thickness of 1.0 mm. The Steel Almirah should have a Mazak handle and Three-way locking mechanism with Shooting Bolts. It should have a height wise adjustable shelf mounting which shall have a Uniformly distributed load (UDL) for shelves: 80 Kg. Almirah also have a M10 Screw type Leveler with Hex plastic base, Number of hinges (for each door) 03 Nos. Hinges sheet thickness: 2 mm, Pedestal height (± 5 mm) 125 mm, The finishing shall include Epoxy powder coated with thickness of 50 microns (+/- 10%). Powder coating Conforming to IS 13871. It should sustain Salt Spray test to withstand more than 1000 hours as per IS-101, Pencil scratch hardness more than 2H, Adhesion as per DIN 53152 Standards. Steel Make As approved by engineer in-charge/employer, Steel Almirah as approved by engineer in-charge/employer.

6. Doctor's Chair



Providing and Placing in Position High Back Chair The cushioned seats shall be made of injection molded plastic outer and inner Plastic inner shall be upholstered with pure leather and molded high resilience polyurethane foam of Density = $45 \text{ plus/minus } 2 * \text{ kg / (m}^3\text{)}$ and hardness load $16 \pm 2 \text{ kgf}$ as per IS:7888 for 25% of compression. Seat size shall be $47.6 \text{ cm W} * 49.2 \text{ cm D}$. The back shall be cushioned and shall be made up of PU foam with in situ molded MS ERW round tube of size $1.9 \text{ plus/minus } 0.03 * \text{ cm} * 0.16 \text{ plus/minus } 0.0128 * \text{ cm}$, upholstered with pure leather Back size shall be $47.5 \text{ cm W} * 77 \text{ cm D}$. The armrest top shall be molded from polyurethane, and shall be upholstered with pure leather and mounted on a drop lift adjustable type tubular armrest support made up of empty set $3.81 \text{ plus/minus } 0.03 * \text{ cm} * 0.2 \text{ plus/minus } 0.01 \text{ cm}$ thick MS ERW tube having chrome plated finish. The armrest height shall be adjustable up to $6.5 \text{ plus/minus } 0.5 \text{ cm}$ in 5 steps. The adjustable tilting mechanism shall be designed with the following features 360° revolving type, front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, Tilt tension adjustment can be operated in seating position, 5-position tilt limiter giving options of variable tilt angle to the chair, seat/back tilting ratio 1 2, the mechanism housing is made up of HPDC aluminum black powder coated. Seat depth adjustment shall be integrated in the seat through a sliding mechanism. Seat depth adjustment range shall be $6.0 \pm 0.5 \text{ cm}$. Back frame shall be connected to the up/down mechanism housed in plastic T spine. It can be adjusted in the range of $7.42 \text{ plus/minus } 0.5 \text{ cm}$ for the comfortable back support to suit individual need. the pneumatic height adjustment shall have an adjustment stroke of $10 \text{ plus/minus } 0.3 \text{ cm}$. The pedestal shall be high pressure die cast polished aluminum and fitted with 5 nos. of twin wheel castors. The pedestal shall be $65.0 \pm 0.5 \text{ cm}$ pitch centre dia. 5 nos. of twin wheel castors shall be injection molded in plastic having $6 \text{ plus/minus } 0.1 \text{ cm}$ wheel diameter and assembled to pedestal, High back chair as approved by engineer in-charge/employer

7. Work Table



Supply and Installation of Work table size: 1200mm Width x 600mm Depth x 750mm Height, The table top shall be made from 25 mm thick Pre-laminated MDF Board conforming to Grade SBG II of IS 12406/2003, side panel made from 25 mm thick Pre-laminated MDF Board conforming to Grade SBG II of IS 12406/2003, the side panels have 2 glide screws each for leveling of the desk and Modesty panel shall be made from 18 mm thick Pre-laminated MDF Board conforming to Grade SBG II of IS 12406/2003, thickness of laminate is 1 mm thick, E1 grade Pre-laminated MDF Board and laminate with zero urea formaldehyde emissions ($\leq 8\text{mg}/100\text{ g}$ oven dry board-perforated method) for better in-house quality. This should comply with (EN 120-1992). All Exposed edges of pre-laminated MDF board to be sealed with 2mm thick PVC edge banding on the user side and 0.8mm thick PVC edge-banding tape pressed on top and bottom side at 2000 C to be applied with the help of hot-melt glue through fit edge-banding machines. The Edge-banding of exposed area to be done in the way that there should not be any sharp edge or corner left after processing. All the exposed edges should have buffing radius of 1.5 to 2mm without affecting aesthetic value of the panel.

Mobile Pedestal Drawer Unit: Each Table should be provided with 3 drawer Wooden Mobile Pedestal having of 2 sliding Drawer and 1file Box mounted on 4 castors with front 2 castors lockable. The drawer top, and side panels including the drawer fascias is made out of 18mm thick Pre-laminated MDF board as per IS 14587(1998), the back of the drawer unit is made from 9mm thick Pre-laminated MDF board as per IS 14587(1998). The units are assembled by knockdown fittings such as Mini fix & dowels. The drawer are mounted on rollers slides to enable smooth operation of the drawer. The pedestals shall have central locking mechanism. D/C type slim Handle for Drawer and Shutter. Size of lockable castors for pedestal storage unit $\pm 2\text{ mm}$: Diameter 40 mm and height 55 mm, Mobile Pedestal size shall be 400mm W x 550mm D x 585mm H, All Hardware (Handles, Slides, Hinges, locks, sliding channel etc) make as approved by engineer in-charge/employer. MDF Board,

laminated. Make: approved by engineer in-charge/employer. Table as approved by engineer in-charge/employer. Work Table as approved by engineer in-charge/employer.

8. Mayo Trolley



MAYO TROLLEY: overall size: 504mm X 650mm X adjustable from 814mm to 1340 mm. Bottom frame made of SS 304 tube of section 38X38 and 1.2 mm thick. Top frame of 30X30 and thickness 1.2 mm. fixed tube of section 38X38 of thickness 2.6 mm for providing guideway to telescopic tube it should be buffed finish to provide smooth operation without wear and corrosion. Locking knob mechanism should be used to lock SS telescopic tube at desired height. SS 304 tube 30 X 30 mm and thickness 1.2 mm for tray mounting and supporting the top frame and welded with telescopic tube. Aesthetically designed flange section for uses as a tray. .50 mm high endurance plastic injection molded castors for ease of movement. glossy mirror finish. 20 Kg maximum working load. Base frame to be given in 'I' shape for more stability.

9. Mayo Trolley – Big



MAYO TROLLEY: overall size: 508 mm W X 826 mm L Adjustable from 814mm to 1340 mm. Bottom frame made of SS 304 tube of section 38X38 and 1.2 mm thick. Top frame of

30X30 and thickness 1.2 mm .fixed tube of section 38X38 of thickness 2.6 mm for providing guideway to telescopic tube it should be buffed finish to provide smooth operation without wear and corrosion Locking knob mechanism should be used to lock SS telescopic tube at desired height .SS 304 tube 30 X 30 mm and thickness 1.2 mm for tray mounting and supporting the top frame and welded with telescopic tube . Aesthetically designed flange section for uses as a tray .50 mm high endurance plastic injection molded castors for ease of movement. glossy mirror finish. 80 Kg maximum working load. Base frame to be given in 'I' shape for more stability.

10. Dressing Trolley with bowl and bucket



Dressing Trolley: SS 304 sheet should be used at top for the placement of the instruments being used & also for easy portability 304 sheet should be at the top as well as bottom shelf for keeping the instrument being used. Horizontal bars should be welded with legs to provide protection at sides with supporting legs for sturdy structure. Castors of 125mm Dia. should be used for easy in movement. Spin section should be provided to the bowl giving a aesthetic look & also bucket should be provided with removable lid & a handle to lift the bucket. Overall Dimension must be 1232mm X 531mm X 915mm H. Maximum safe working load must be 40kg. Basin stand should be kept at least 5cm away from the border of the trolley. Top of the trolley: front side to be open and rest three sides to provide ropes.

11. Examination Couch



Should be a two-section couch fixed with a rexine upholstered top of minimum 60 mm thick. Should have electromechanical motion control for height by handset or by embedded control panel. Backrest should be adjustable by gas spring mechanism. Body frame work

made from 20G MS sheet fitted with SS304 grade legs. Length: 1800-2000mm, width. 600-800mm Height adjustment 500-850 mm(+/-10%) Backrest angle: 0-60 deg or more. Should have a safe working load of 135 kg. Should have built in a paper roll holder Should have a sliding drawer under the platform. Power supply: Power input to be 23D Vac, 50-60hz as appropriate, fitted with indian plug with rechargeable battery backup of at least 1 hour Standards and safety Electric supply conforms to standards for electrical safety IEC 60601-2-52 Should be USFDA or European CE 4 digit notifying body/BIS approved product. Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards NABCB. Electric shock protection: Level Class B. Electric current protection: Class-1 Liquid ingress protection: P54 should have a local service facility. The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance tests as per guidelines provided in the service/maintenance manual. Drawer to be fixed on the opposite side. Bed frame size to be increased.

12. Foot Step (Double)



Supply and Installation of Double foot Step under structure is made of MS square tube 32mm X 32mm with 1.6 mm thickness, In Top Textured and Rubber mat is provided, Thickness of Sheet for Top (mm): 1.6 mm and rubber is 5.0 mm thick Size:485mm(L) x Width of single step :335mm (W) X Height of Foot Step: 150 mm for first step and 355 mm for second step from the ground for Double Foot Step ($\pm 10\%$ Engineering Variation in dimension), Top is made of textured rubber offering firm grip for climbing. All metal parts shall be Powder coating is Bacteriostatic and thermosetting epoxy polyester, formulated to fulfil the requirements for bacterial protection. **Double Step stool as approved by engineer in-charge/employer.**

13. Foot Step (Single)



Single Step stool is to be made of ERW square tube. Textured and Rubber mat is to be provided, of 20mm X 20mm size. Tube 1.2 mm thick and mat 3.0 mm thick Size:485(L) x 335 (W) X 210 (H) Step stool is to be made of MS square tub to be strong and firm. Top is to be made of textured rubber offering firm grip for climbing. There should be a SS 304 ERW tube of 12.7 mm dia and 1.2mm thick is to be provided at the back of the backrest section to mount tissue roll which should be used as tissue roll holder. Powder coating is to be Bacteriostatic and thermosetting epoxy polyester, formulated to fulfil the requirements for bacterial protection. Maximum patient load is to be 135 kg. Approx. To ensure good quality welding " Co2 Argon" process should be adhered to. All metal components should be pre-treated with zinc phosphate in 9 tank process and then powder coated with antimicrobial epoxy polyester powder coating to fulfil the requirements for bacterial protection. Goods should be supplied in knocked down construction to reduce carbon emission, proof loading test, cycle tests, impact test. The manufacturer should compliant with ISO 9001, 14001, OHSAS 1800 and CE certification/USFDA/BIS.

14. Glass Cabinet



Supply and installation of Glass Cabinet With Overall dimensions of 900mmWx 1990mmHx450mmD ($\pm 10\%$ Engineering Variation) and should have transparent doors and sides with steel frame work. Transparent portion of this cupboard should be made of Acrylic of 4mm thick. This cabinet should have 5 adjustable acrylic shelves each of 6 mm thickness. Three-way lock should be provided of 6 levers. In the front door there should be 5 mm thick acrylic sheets and 2 each on both the sides. Metal used should be of CRCA 0.8 mm thick sheet and powder coated for finish. To be provided with rubber shoes to prevent direct contact of cabinet and floor. Instrument Cabinet as approved by engineer in-charge/employer.

15. Shoe Rack



Supply and installation of shoes rack, shall be made of 25mm thick pre laminated MDF board with Eco-friendly materials, storage capacity minimum 50 pairs of shoes, shoe lace tying/untying positions, hygienic, aesthetically pleasing and multipurpose.

16. Mid Back Chair



The seat shall be made up of 1.2+/-0.1cm thick hot-pressed plywood measured as per QA method described in OCP-QLTA-P14-18 and upholstered with fabric or synthetic leather and molded polyurethane foam. The back shall be made up 1.2+/-0.1cm thick hot-pressed plywood upholstered with replaceable fabric or synthetic leather upholstery covers and molded polyurethane foam. The molded polyurethane foam shall be of density 45+/-2kg/m³, and hardness load 16+/-2kgf as per IS:7888 for 25% compression. The dimensions of seat shall be- 51.0cm(W) x 48.0cm(D) and of back shall be 48.0cm(W) x 64.5cm(H). The armrest top shall be made of molded polyurethane and mounted on to a drop lift height adjustable type M.S tubular armrest support chrome plated. The armrest height shall be adjustable up to 6.5+/-0.5cm in 5 steps. The mechanism of the chair shall have following features: 360° revolving type, Knee tilt synchro mechanism, Tilt tension adjustment, Single point control, 4 position locking with anti-shock feature, Seat/Back tilting ratio of 1:2. Seat depth adjustment of 6.0+/-0.5cm should be locked in 6 positions. The backrest shall consists of a sliding up down mechanism, Which can be adjusted in the range of 7.5+/-0.5cm and should be locked in 4 positions for correct position of lumber support. The chair shall be provided with pneumatic height adjustment which shall have stroke of 9.0 +/- 0.3 cm. The pedestal shall be fabricated from 0.2+/-0.02cm thick HR sheet,

chrome plated and assembled with injection moulded black polypropylene hub cap. The size of the pedestal shall be 66.0+/- 0.5 cm pitch-center-diameter (76.0 +/- 1.0 cm with castors). The twin wheel castors shall be made black nylon. Overall dimensions of Chair shall be, Width of Chair 76.0cm, Depth of Chair 76.0cm as measured from pedestal below. Height from ground min 89.0 to max 105.0cm. Seat height min 46.9 to max 55.9cm. Dimensions tolerance / variations shall be within +/- 1 cm. chair as approved by engineer in-charge/employer.

17. High Back Chair



Supply and Installation of High back chair, The seat shall be made up of 1.2+/-0.1 cm thick hot pressed plywood & upholstered with leather and molded polyurethane foam. The back shall be designed with contoured lumber support for extra comfort. Size of back shall be W-53cm, H-95.4cm & size of seat shall be W-54.6cm x D-49cm. High Resilience (HR) foam should be used in making seat & back which shall be molded with density 45 +/- 2 kg/m³ and hardness load 16+/- 2 kgf as per IS: 7888 for 25% compression. The seat and back should be arrested together with spine made of 0.8 +/- 0.05 cm thick HR steel and should be powder coated in black with 40-60-micron DFT (Dry film thickness). The armrest assembly should be made up of armrest tube, PU armrest and the armrest top. The armrest tube assy shall be made of 2.54+/- 0.03cm x 0.16 +/- 0.0128 cm M.S E.R.W support tubes and chrome plated. The P.U armrest shall be made up of black integral skin polyurethane with 50-70 shore 'A' hardness reinforced with M.S insert. The armrest top shall be made up of ABS & upholstered with foam & leather It shall have front Pivot synchro tilt mechanism. The mechanism of the chair shall have following features 360° revolving type, Knee Tilt system, Seat & back tilting ration of 1 1.5. Front pivot for tilt with feet resting on ground ensuring more comfort, Tilt tension adjustment, 5-position locking with antilock back mechanism which should prevent the backrest from impacting the user when the lock is released, Static seat depth adjustment 5.0 +/- 0.5cm with 5 position locking. The chair shall be provided with pneumatic height adjustment which shall have stroke of 9.0 +/- 0.3 cm. The bellow should be single piece duly blow molded in black polypropylene. The pedestal

shall be made of die-cast aluminum with buffing finish. it shall be fitted with 5 nos twin wheel castor The size of the pedestal shall be 67.0 +/-0.5 cm pitch-center-dia (77.0+/- 1.0 cm with castors). The twin wheel castors shall be made of Nylon injection molded in black color Overall dimensions of Chair shall be, Width of Chair - 77cm, Depth of Chair - 77 cm as measured from pedestal below Height of back from ground min 128.0 to max 137.0 cms. Seat height- min 49.9 cm to max 58.9cm. Dimensions tolerance/ variations shall be within +/- 1cm. High back chair as approved by engineer in charge/ employer. The seat & back to be made up of thick, hot-pressed plywood upholstered with synthetic leather over molded high resistance polyurethane foam. To provide 4-position locking with anti-shock features as per specifications.

18. Wheel Chair



Wheel Chair:(L) 790 x (W) 600 x (H) 870mm.Foldable frame structure should be made of section 22dia x 1.2mm A3 carbon steel with chrome finish. Cross bar should be made of A3 carbon steel with section 25.4 x 1.2mm.Rear Wheel:24-inch Solid mag wheels with alloy in the rim. Integrated hand rim provides to drive the wheel chair of section 16x1.2mm A3 carbon steel with chrome finish. Front Wheel :8-inch HUB made of PA polymer and outer with solid rubber molded arm rest & base should be made of ABS for better arm support. Leatherette strap for calf rest & leatherette cushion for seat. Adjustable aluminum die cast foot rest with up down & swivel type mechanism. Handles should be made of molded rubber grip to push the wheelchair. Hand brakes should be provided to lock the wheelchair at desired location. Foot Press Extended base with molded plastic for better grip. Anti rust chrome finish. safe work load of 100 Kg. Width of the seat to be increased at least by 50 mm for patient's comfort. Plastic side board to be replaced with metal one. To increase the size of back pouch to accommodate sufficient number of patient files.

19. Revolving Stool/ Lab stool



Stool with backrest Seat size shall be 400 mm diameter on 1.0 mm thick Mild Steel with 60 mm thick 40 density molded PU foam, covering material of cushion: leatherite, Back rest height shall be 300 mm on 12 mm thick moulded comm. ply with 50 mm thick 32 density moulded PU foam covered with leatherite. The back rest shall be provided with lifting arrangement on flat iron & helical spring. The base stand should be made up of 5 prongs duly pressed welded together centrally with a pedestal bush with good quality twin wheel castors. The pedestal shall be fabricated from 0.2+/-0.02cm thick HR sheet, chrome plated and assembled with injection molded black polypropylene hub cap. The size of the pedestal diameter with castors shall be 65.0+/- 0.5 cm the twin wheel castors shall be made black nylon, The stand and other metal parts excluding central spindle shall be power coated complete steel structure shall be pre-treated and power coated with minimum thickness of 60 microns coating. A Central spindle of 25 mm dia rod without threads shall be provided with revolving arrangement. The stool shall be provided with pneumatic height adjustment from 450mm to 650 mm. A good quality leatherite shall be provided on seat & back in attractive colour/shade. stool as approved by engineer in-charge/employer

20. Plastic Chair



High-quality virgin plastic build for lasting durability. Ergonomic design ensures prolonged sitting comfort. The dual-tone color with glossy finish adds appeal 125 kg weight capacity for secure and stable sitting Perfect for living rooms, offices, cafes, and outdoors
Dimensions: Width (cm) 57, Depth (cm) 61, Height (cm) 88, Weight (Kg) 3.05

21. Stretcher



Overall dimensions 2005mm(L)X666mm(W)X827mm(H) The trolley should be made of 31.75- and 25.4-mm diameter 1.6 mm thick ERW tube. holder for stretcher should be made up of mild steel Castor should be of 200 mm diameter, diagonal locking castor. Stretcher should be made up of ERW tube of diameter 25.4 mm and thickness 1.6 mm Top sheet should be made of CRCA sheet of thickness 1.2 mm with contour shape to accommodate patient. IV pole holder should be made of MS Maximum safe work load should be 135 kg to ensure good quality welding " Co2 Argon" process should be adhered to. All metal components should be pretreated with zinc phosphating in 9 tank process and then powder coated with anti-microbial epoxy polyester powder coating. Goods should be supplied in knocked down construction to reduce carbon emission. proof loading test , cycle tests , impact test, salt spray test, castor break test. To decrease the dimension of the castors to 125 mm, maintaining the same height of the stretcher. Provision should be given to mount 'B' type oxygen cylinder.

22. Wooden Cup Board/ Laminated Storage



Providing and fixing of Wooden almirah size 1850mm Height x 910 mm Width x 480 mm Depth Body panels are made of 25 mm thick ISI marked Commercial plywood (Moisture Resistant grade plywood) faced with 0.8 mm thick laminate on both sides of approved shade with all exposed edges sealed with 2mm PVC edge banding tape and all unexposed edges sealed with 0.8mm edge banding tape pressed at 2000 C with hot melt glue on special machines. Door are made of 18 mm Thick ISI marked Commercial plywood (Moisture Resistant grade plywood) faced with 0.8 mm thick laminate on both sides of approved shade with all the exposed edges and white laminate on the inside (as approved from the client) are edge banded with 0.8 mm thick PVC edge banding. Side panel are made of 25 mm thick pre-laminated MDF Board with all the exposed edges are edge banded with 0.8 mm thick PVC edge banding and Drawer components are made of 25 mm Thick ISI marked Commercial plywood (Moisture Resistant grade plywood) faced with 0.8 mm thick laminate on both sides of approved shade. All the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Body back are made of 12 mm thick ISI marked Commercial plywood (Moisture Resistant grade plywood) faced with 0.8 mm thick laminate on both sides of approved shade. Mirror used on the door is 5 mm thick as per approved by engineer in charge/employer All Hardware (Handles, Slides, Hinges, locks, sliding channel etc) make as approved by engineer in-charge/employer Commercial plywood Board/laminate Make approved by engineer in-charge/employer Lock used for main door

is 3 way lock and lock used for drawer is cam lock Construction Knock Down construction. Wooden wardrobe as approved by engineer in-charge/employer.

23. Round Table



Providing and placing round Discussion table of size: 900mm diameter 750mm H Worktop: Worktop shall be made out of 25mm thick E-1 grade (Environmentally Friendly) MDF board cover with laminate and all the edges of worktop shall be provided with machine pressed 1.5-2 mm thick ABS edge banding glued with hot melt EVA glue. E1 grade laminate with zero urea formaldehyde emissions ($\leq 8\text{mg}/100\text{ g}$ oven dry board-perforated method) for better in-house air quality. This should comply with (EN 120-1992). The height of Worktop shall be 750 mm from ground level. Understructure: MS understructure pole base understructure with round base plate.

24. Iron Rack



Supply and installation of slotted angel rack (Size - 1800 m H X 900mm W X 400 mm D) (\pm % Engineering variation), Rack with 5 nos of shelves should be hanging arrangement (adjustable). Racks shall be manufactured from Slotted M.S angle size 40mmx60mmx 5.0

mm. Shelves shall be manufactured from 1.6 mm thick CRCA sheet. The rack shall be assembled with G I bolt, nuts and washers. Slotted angle and M.S sheet shall be made of cold rolled with anti-rust treated and shall be finished with powder coating (color: as per buyer choice).H/D Rubber bushes shall be provided to the bottom of legs of slotted angle racks. height of bottom shelves from ground is 100 mm. The quality of M.S sheet which is used for racks shall be free from any defects, Undulations, and old paints and surface corrosion, etc, Minimum Load bearing capacity of each shelf is 100kgs. Slotted Angel Rack as approved by engineer in-charge/employer.

25. Iron Lockers



Providing & fixing of four door personal locker with external lock and key having size 380mm Lx 485mmD x 1880 mm H, Locker Body shall be made of 0.8 mm thick M.S sheet conforming to commercial quality CR- 1, Grade 340 of IS 513:2008. Doors shall be made of 0.8 mm thick M.S sheet conforming to commercial quality CR-1, Grade 340 of IS 513:2008. Legs shall be made of 1.0 mm thick M.S sheet conforming to commercial quality CR- 1, Grade 340 of IS 513-2008. Shelf shall be made of 0.8 mm thick M.S sheet conforming to commercial quality CR- 1, Grade 340 of IS 513:2008. CO2 Welded Construction is done. Each Door is equipped with stiffener & lock box cover Each Door is firmly mounted on two hinges. No. of door 4 nos. Mazak (Zinc Alloy) Handle, Cam lock for each door Synthetic enamel paint, Locks: Internal locking, all metal component shall be powder coated with thickness of 50-60 microns (± 10 microns). Usable inside dimension of each compartment (Size: W 350mmx D: 450mm x H 450 mm). Door dimension of each compartment (Size:W 350 x H 438 mm). Handle/Label holder shall be Aesthetically appealing Snap fit ABS plastic handle Ventilation shall be attractive punched pattern for ventilation, Locker As approved by engineer in-charge/employer.

26. Patient Waiting Chair - Three-Seater



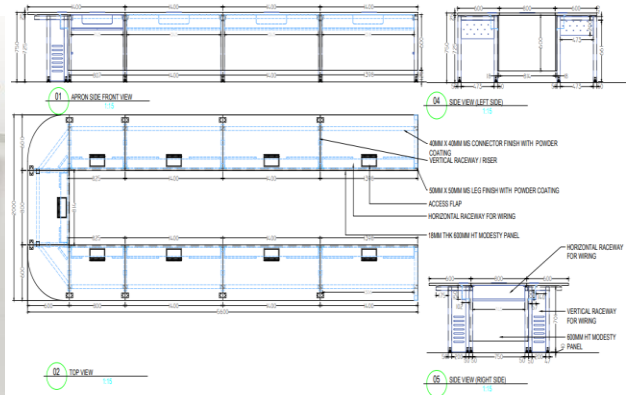
The seat and back to be made up of high-density self-skin PU Foam reinforced with 3 mm SS perforated sheet insert. The PU Foam having density of 680 +/- 10 Kg/m³ with hardness of 55 +/- 5. Seat Size :52.0 cm (W) X 46.5 cm (D). Back Size: 52.0 cm (W) X 51.5 cm (H). Cross Beam made up of black powder coated MS ERW square tube of size 6.0+/- 0.05cm X 6.0+/- 0.05cm X 0.018+/-0.016 cm thick fitted with polypropylene end caps. Legs & Armrest made up of SS 304 cast. Thickness of material of legs 2 mm, legs are fitted with SS 304 adjusting shoes. Three-seater waiting chair as approved by engineer in charge/employer.

27. Tea table/ glass table



Providing and supplying of center table of size: 1200mmW X600mmD X400mmH, top made of 36mm thick, MDF board as per IS 12406 and veneer with PU finish having scratch resistance of 2H) with all exposed edges sealed with 2mm thick PVC edge banding tape and unexposed edges sealed with 0.6mm thick PVC edge banding tape pressed at 2000 C with hot melt glue on special machines. The Box type frame and Leg material shall be Stainless steel (SS 304 grade), size of Frame and Leg material 55mm X 55mm with 1.6 mm thickness, Center Table: as approved by Engineer In Charge/employer. Glass to be added on top of the table. Glass thickness: 8mm, Color: Natural Teak Finish; Structured with heavy-duty material for extended durability, and the structure follows the scientific principle and is strong enough to hold various things. It's sturdy and solid for long time and durable usage.

28. Conference Table/ Meeting Table



Providing and placing Meeting table Worktop: Worktop shall be made out of 25mm thick E-1 grade (Environmentally Friendly) MDF board cover with laminate and all the edges of work top shall be provided with machine pressed 1.5-2 mm thick ABS edge banding glued with hot melt EVA glue. E1 grade laminate with zero urea formaldehyde emissions [$\leq 8\text{mg}/100\text{g}$ oven dry board-perforated method) for better in-house air quality. This should comply with (EN 120-1992). The height of Worktop shall be 750 mm from ground level. Understructure: MS understructure with 50mm x 50mm C type square Straight leg, well supported with MS beams under table top to supported top & connected to leg to leg. Wire management: Access Flap and Switch Mounting Tray is provided in the table. It is Made from Matt silver Anodized Aluminum extrusion and plastic molded components to facilitate access of Electrical/Data/Voice sockets access from Top. Powder coated switch mounting tray made from 0.8mm and 1.2mm MS sheet (IS:513) which is powder coated 80- 90micron. Switches to be mounted on tray as per requirement. Provision for mounting B Module Switch plate on switch mounting tray shall be provided. The product should be complete and as per approved sample and as per the direction of Engineer-In-charge. Completely concealed wire management with vertical wire uptake from floor via middle leg having removable cover one side and wire segregator for data and wire separation, segregates to horizontal cable tray below Access flap. 15 pax rectangular meeting table – 5600mm W X 2100/1500mm D X 750 H mm.

29. Wooden File rack



Supply installation of wall mounted Wooden file rack size: 9 feet X 5feet with good quality hard wood pest proof and water proof, 90 racks in six columns, in between cabinet space for storing box files as per images. Each rack height 10 cms (size: 1 feet*1.5 feet for each rack.) thickness of top, bottom, and side panel is 25mm finish with approved laminate and rack material thickness is 12 mm. Wooden file rack as approved by engineer in-charge/employer.

30. Recovery Trolley



The emergency trolley should be height adjustable, back rest should be adjustable and have Trendelenburg and reverse Trendelenburg functions. Overall Size should be in- between L 2100 to L2200 X W (900)mm to W1000mm X (H) Adjustable from 700mm to 1080 mm.

Bed Frame should be made of ERW 25X50 tube with thickness of 1.6 mm Base frame should be made of ERW 25X50 tube with thickness Of 1.6mm. The bed should have smooth Trendelenburg and reverse Trendelenburg function with assist of 2 nos Gas Spring. the gas springs should be of 530 mm length and 168 mm. The bed frame should be height adjustable by assist of Hydraulic Pump stroke of 140mm.It should be smooth functioning and consistent motion during operations is required. The trolley should be provided with detachable stretcher which should be have x-ray permeable top made of high-pressure compact laminate of 6mm thick. The top should be exceptional chemical and stain resistance. The fixed portion of the top should be 1065 mm (L) x 590 mm (W) and tilted back portion should be 728 mm (l) x 590 mm (W). There should be ms made x-ray cassette holder which can move along with the top length to perform x-ray on the different position. The x-ray Cassette should be top mounted. Backrest should be adjustable on ratchet for patient comfort from 0 to 70 Degree10. The trolley should be provided with high end 125 mm non marking Steinco castors which should be lockable diagonally. The trolley should have Safe working Load should of 135 Kg on flat top . There should iv pole holder with ht adjustable ss made telescopic iv pole with two hooks to mount saline bags. The trolley should be provided with 8 mm dia ms zinc plating urine bag holder on both the side. The trolley should be provided with drop down ss made side rails which should provide shelter in more than half of the total bed length. the tube should be of 19 mm dia and 1.2 mm thick ss 304 made. The trolley should have 4 nos Neoprene made bumpers for Excellent Shock absorbingproperty. The top frame should have X ray Tray assembly made of MS CRCA sheet 1.2 thick X ray Tray can slide along the stretcher length. Provision given for changing the X ray cassette at the leg side , knob to be provided for locking the assembly during TR operation . Fail Safe Mechanism- the trolley should have Fail Safe mechanism to avoid collapse of ERT during gas spring failure for TR & ATR Mechanism. The trolley should be provided with 2 nos U shaped head and foot bow at both the end to drag or push the trolley for movement. the bow should be covered with neoprene material for better grip and avoid cold shock during patient handling. MS Oxygen Cylinder Holder – Provision should be given to mount B type Oxygen Cylinder at the head side of trolley. The trolley should have MS file holder at the bottom to carry file and other accessories during patient movement. The trolley should be provided with two pair of patient safety belt . All the MS parts should be treated with

nine tank pre-treatment procedure with zinc phosphate and powder coated with antimicrobial and thermosetting epoxy polyester to control the bacterial growth. The welding should be done by co2-argon welding and there should be Synergy coat on the welded areas to minimise early rusting.The Manufacturer adheres to a certified quality management system in compliance with the following standards:

a. ISO 9001:2008, b. ISO 14001:2004, c. OHSAS 18001:2007, d. CE certificate, e. ISO 13485. ERT Mattress should be two section with 40 density 50 mm thick PU foam mattress which should be covered by heavy helium material which is water proof, flame retardant, vapour & X-ray permeable. The zip & stiches for the mattress cover should be concealed.

IV pole needs to be securely fixed to the trolley, so that there should not be any side swaying movement transport. To provide total 6 holders for IV poles and IV poles should be of 4 hooked. To increase the thickness or density of the mattress from 2 inches to 3.5 inches, so that mattress is durable.

31. Seminar Chair



Providing and fixing in position multi Purpose Chairs with Tablet, as per indicative image. Chair should be medium back with cushioned seat assembly, upholstered with moulded polyurethane foam & finished with Grade-A fabric. Back size: (W) 420-450 mm (H) 260-280mm; Seat size: (L) 440mm - 480mm (W) 430mm 470mm with back rest made of polypropylene (Recyclable) or PP frame and polyester mesh with necessary cushioning as shown in the indicative image. Backrest should have a flexible mechanism for comfort seating attached to coupling made out of aluminum die cast. Polyurethane Foam: The polyurethane foam (Recyclable) of density = 30 kg/m³ + 2 kg/m³ fixed to moulded plywood and upholstered with grade-A fabric coated with fire retardant paint. Armrests: Integrated adjustable armrest made of PP. The armrest shall be scratch resistant with suitable padding and tablet of size (should be as per manufacturer specification). All connectors should be Die cast polished Aluminum Tablet (Flap) to be provided made of PP to be finished as desired with foldable mechanism on the right hand side as shown in the indicative image. The tablet should have the inbuilt feature of cup holder & eraser/sharpener holder Frame: The Chair to be provided with powder coated (DFT 80-90 MICRONS) tubular frame cantilever type & made of 27mm 32mm X 15mm -20mm thick MS powder coated (DFT 80-90 MICRONS fitted with 4 nos. twin wheel castors. The above chair should be finished / completed as per above mentioned specifications including providing and fixing of other related materials including hardwares, etc, with suitable levellers,

complete or as directed by the Engineer-in- Charge. Frame should be of SS304, Handle rest should be of same design and shape, proper locking system of writing panel.

32. Industrial Trolley



Material should be SS304, wheel size of 100 mm, item weight between 20-25 kgs, style trolley bag, one trolley component, load capacity 300-350 kgs, number of wheels four, height 90-95 cms, width 60-63 cms, Premium quality material, rust proof, easy handling.

33. Digital Podium

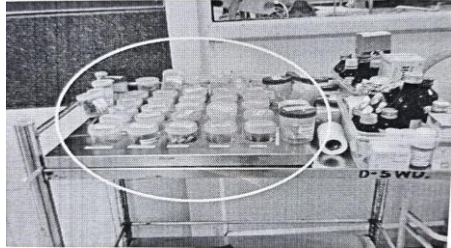


The Podium shall be wheel mounted capable of moving in all directions with a facility of lock them while the Electronic podium is in use. The enclosure shall be made of Polymer Powder Coated Steel Body with wooden top panels, designed to work in suitable environmental conditions. The wooden top shall have lock and key and should have a sliding cover for opening/closing easily. The Podium should have housing and connectivity for Visual Presenter while the visualizer is in use and not in use. At the time of using the Visualizer, drawer can be opened and Visualizer can be used. The construction of the podium should be such that, while the podium is locked and not is use, there should not be any port exposed/ visible on the outer body for breakage/mishandling. Display: Built-in highly sensitive Interactive Panel with adjustable Motorized tilt & a mechanism to make the

Panel stable so that it does not shake while writing with following minimum features -
Screen Type:LED. Size:53.0 cm (21 inches) or higher. Size:53.0 cm (21 inches) or higher.
Resolution: 1920 x 1080 or higher. Aspect ratio:16:9/16:10. Computer interface: One USB,
One VGA/DVI/HDMI Port Interactive Resolution: 4000 Lpi (lines per inch). Response
Time:5ms. Viewing Angles:170(H); 160(V).Touch: Finger Touch. Reading accuracy: ±0.5
mm (center) Tracking speed: Approximately 200 points per second. Pen Pressure
sensitivity: 2048 Levels. Speakers: Display panel should have Inbuilt Speaker .Processor:.
Intel Core i7 (10th Gen or better processor). Small Form Factor: Computer should be of 2
liters Volume or less System Details. In-Built Wi-Fi/Wireless LAN Card: Should have a
inbuilt Wi-Fi / Wireless LAN Card. RAM - 8 GB. Storage 256 GB SSD or better. Ports (Min.):
HDMI x 1, USB ports x 4, LAN Port x 1. Keyboard and mouse: wireless. Certification Valid
BIS Registration Certification for Mini PC to be attached with technical bid BIS of Mini. PC
should be in the name of Digital Podium OEM. Ports on front Panel of Controller
(Minimum): VGA, HDMI, USB3.0x2, Audio IN or more Buttons on front Panel of Controller
(Minimum): Push buttons to control Volume Up & Down, Volume. Mute and to switch
sources of HDMI Visual Presenter, VGA Visual Presenter, HDMI Laptop, PC HDMI, VGA.
Laptop, VGA PC and Controller Power On/Off, Display Power On and Power Off or more
.Ports on Rear Panel of Controller (Minimum): USB 3.0 X 2,VGA Input x 2, VGA Output x 2,
RCA Audio IN X. 1,RCA Audio Output x 2, HDMI Inputx2, HDMI Outputx2, Programming
Port (Phoenix connector) or more Built in HDMI Repeater: Yes (HDMI Output port should
support 15mtr HDMI cable) Controller Resolution Output: 4K (3840 x 2160) Native Power
5 V DC (Suitable Adaptor should be supplied with controller) .Sliding Trays: Provision for
keeping laptop and Keyboard & Mouse Power Supply: 180-240V, 50Hz, AC Supply.
Integrated authentication System having RFID, Password protection & Physical Key for
secure access to the system. Fans: Suitable cooling fans to be provided in the lower body.
Logo: Should be provided with Acrylic logo Technical specifications of Full HD Visualizer.
Effective Pixels: Min 8 MegaPixel or better. Frame Rate: Min 30fps or better
Inbuilt Microphone: Should available inbuilt Microphone Video Output: It should provide
the following resolutions. HDMI: Full HD (1080p), HD (720p), VGA (480p); USB. Full HD
(1080p), SXGA (1280 x 1024), XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480),
QVGA (320 x 240), VGA: HD (1360 x 768), WXGA (1280 x 800), SXGA (1280 x 1024), XGA
(1024 x 768) Shooting Area: Minimum A3 (420MM x 297MM) or better to share
information more flexibility. Zooming Capability: Minimum 100x Zooming Capability or
better to capture clear and loss-less magnified image. Split Screen: Device should allows the
live image of an object being captured to be displayed alongside an image stored on the
external memory. Focus Adjustment: It should have option of Auto/Manual Focus
Adjustment LED Light: Two Type LED system Top LED & Side LED strip White Balance:
Auto LED Light Brightness Adjustment: Should support LED Light Brightness Adjustment &
Dimming capability Image Rotation: 90°, 180°, 270° Multimedia Function: Freeze, Focus
Adjustment, LED on/off, Brightness Adjustment, Contrast, Negative, Black and While, Split
Screen, Slideshow, Video Capture, Flicker Reduction, Image Rotation(0/180degrees),
Source(PC/SD Card), Image Mirror, Picture in Picture. Interactive features: Should have

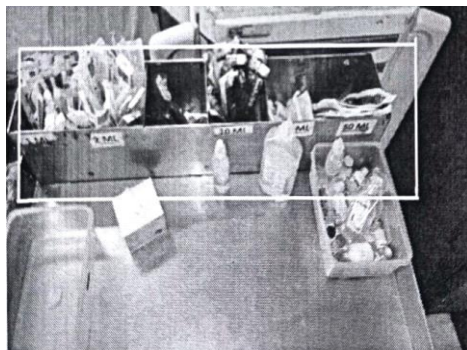
Touch screen support to perform interactive features File Format: JPEG (1920 x 1080), VGA (720p) Connectivity ports: 1x VGA In, 1x VGA out, 1x HDMI out, 1x USB, 1x SD Card Portability: Device should have a portable structure allowing users to fold and be easy to store. Remote Control: Device should available with fully functional remote control. Certification & Datasheet: BIS and Datasheet should be available on OEM website.

34. Oral Tablet Storage in Medicine Trolley



Type: Tray with provision to accommodate medicine containers. Usage: For storing cylindrical medicine containers. Shape: Cuboidal, Reusable: Yes Material of the container: Stainless steel. Tray edges: Curved. No. of partitions:48, No. of storage compartments in a row: 8. No. of storage compartments in a column: 6. Dimension: Overall length: 24-inch, Overall width: 17-inch, Overall height: 1 inch, Diameter of the storage compartment:6.5 cm, Thickness of the Material: 5mm

35. Syringe Storage in Medicine Trolley



Type: Without Lid, Usage: For Storing and arranging surgical items and instruments in Hospitals. Shape: Cuboidal, Reusable: Yes, Autoclavable: Yes, Material of the Container: Stainless Steel, Tray Edges: Curved, No. of Partitions: 5, Overall Width: 8 Inch, Overall Length: 30 Inch, Depth: 8 Inch, Length at Partition: 6 Inch, Thickness of the Material: 5mm.

36. Refrigerator 320 Litre



320 Liters fridge shall be having two doors and offers a large storage capacity of 320 liters. Dimensions Height (mm)1685 Width (mm)590 Depth (mm)685. Refrigerating Appliance Technology- Frost-free. Conformity to IndianStandrad - IS 17550, Brand: LG or as approved by engineer in-charge/employer.

37. Refrigerator 48 Lit



Direct Cool Technology: This refrigerator typically uses direct cool technology, which is a natural cooling process. Capacity: With a storage capacity of 48 liters. Energy Efficient: Mini refrigerators are designed to be energy-efficient, Single Door Design: The refrigerator features a single door design, the interior is to be organized with shelves, door bins to maximize storage options. Compact Size: Ideal to accommodate in small spaces. Conformity to Indian Standards 17550. Total Volume for Direct Cool50-100 L Total Volume for Frost-free NA Type of Door Single. BEE Star Rating (Note- Ratings are valid for a specific duration of time and may undergo revisions from time to time)1 star. Type of Finish Plain Design Color (Actual Color depends on Model quoted and options applicable to the particular Model) Buyer/Seller may mutually decide actuals accordingly after placement of Contract Shades of Grey Warranty on Product (Year)1

Warranty on Compressor (Year): 5, Brand: LG or as approved by engineer in-charge/employer.

38. Oven



Compact Design: This countertop microwave with glass turntable is compact, Control: Touch Key Pad (Membrane) sensitive to touch and easy to clean. Conformity to Indian Standard - IS 11676. Capacity / Volume (Liters) 28. The dimensions of the Samsung 28L Microwave Oven are H 297mm x W 517mm x D 385mm. Grill Heating Power (Watts) 1001-1200 Heating time adjustment Pitch (seconds) 120 Unit Warranty 1 year Magnetron and Cavity Warranty 1 year. Convection heating, Touch control panel, Adjustment of microwave power, Finish of heating chamber Stainless steel, Grill heating, Rotisserie rack, Auto Cook Menus Multistage Cooking, Child Lock. Brand: LG or as approved by engineer in-charge/employer.

39. Stainless Steel Mobile Hospital Swab Stand



Stainless Steel Swab Stand with fifty spikes i.e five transverse bars with 10 spikes each complete with stainless steel drip tray at base mounted on four antistatic castor wheels, size 900*500*1600

Material: Stainless Steel

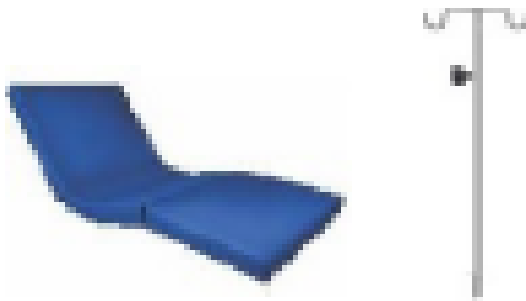
Wheel Type: Swivel Casters

Type: Treatment Cart

Layer: 2 Layers

Feature: Easy Cleaning, Corrosion Resistance

40 Fully motorized ICU Bed



Overall dimensions: (L)2241 mm X (W)1050 mm X (H) Adjustable from 440 mm to 770 mm. 5 Function fully motorized ICU BED, Electric operated features are Backrest, Leg rest , High-Low, Trendelenburg, Reverse Trendelenburg (Only one handset will be Provided). Min ht: 440 mm; Max ht: 770 mm without mattress. Back rest angular movement: 65 deg; Knee rest angular movement: 30 deg. Trendelenburg 13.5 degree and Reverse Trendelenburg 13.5 degree. Safe working load should be 200 kg Patient load bearing capacity: 135 kg. All edges in contact with patient to be rounded safely. The bed has Manual CPR lever on both sides in case of emergencies. Head & Foot board should be made of blow molded Poly polypropylene. Head board and foot board should be with metal inserts to mount it on bed frame. Removable PP head board and foot board should have cut out , for better gripping. The bed is provided with 4 nos Aluminum extrusion side boards with PP molded end caps with full coverage to bed. These side boards should be integrated with drop down mechanism for easy operation. The bed has powder coated urine bag holder on both side of the bed for ease of accessibility. All metal components are pretreated with zinc phosphating in 7 tank process and then powder coated with epoxy polyester powder coating. Electrical details: Supply Voltage: 100-240VAC +/- 10%; Current: 2.5A max, Electric Shock Protection: Class I, Type B, Liquid Ingress protection IPx4, Four Electric operated features are Backrest, Leg rest, High-Low, Trendelenburg/Reverse-Trendelenburg (Only one handset will be Provisioned). Bed frame should be made of MS ERW tube of size 50mmx25mm of 2 mm thick supported with ERW square tube with 25 mm x 25 mm and 1.6 mm thick. All corners of bed frame are

Provided with bumper mounting holders and it should have Provision for iv pole holders. Base frame made of MS ERW tube of size 30mmx60mm of 2mm thick. Base frame have ground clearance of greater than 150 mm to avoid any obstruction during bed movement. Base frame have Provision to mount oxygen cylinder cage as optional accessory. It has Trendelenburg indicator guide. Bed lying surface be made of PP injection mould. These lying surface has sections for bed profiling i.e. back adjustment, fixed pelvic section, upper and lower leg adjustment. Lower leg rest section is Provided with Ratchet for leg rest adjustment with a single hand operation to achieve the position. Backrest is X-Ray permeable with cassette holder.

Mattress platform is strengthened by frame of size 25 mm x 25 mm and 1.2 mm thick. Under bed clearance should be greater than 150 mm. 4 TPE rotating bumpers of dia 92mm height 69mm with 40-50 shore hardness are Provided at four corners to protect the bed and patient from impact and avoid damages to wall. The bed is provided with 125mm dia, twin wheel, plastic polymer with metal insert castors. Out of 4 castors two with brake, mounted at diagonally opposite position. The bed has Provision for front loading medium sized MS made oxygen cylinder cage as optional accessory. The bed has provision of Telescopic IV pole made of Stainless steel to mount saline bags. The bed should be designed as per following standards.

IEC 60601-2-52 Medical Electrical Equipment: Particular requirements for safety and essential performance of medical beds.

IEC 60601-1-4 General Requirements for Safety: Programmable electrical medical systems.

ISO 14971 Medical Devices: Application of risk management to medical devices.

the bed has following certificates like ISO 13485:2016 Medical Devices: Quality Management Systems - Requirements for regulatory purposes.

Mattress: Overall dimension (L)1950mm*(W)853mm*(H)100 mm. The mattress is provided with 40 density 100 mm thick PU foam mattress with ridges for easy bending. It is covered by heavy helium material which is water proof, flame retardant, vapor & X-Ray permeable with Bacteriostatic properties. The zip & stitches for the mattress cover is concealed or ICU bed As approved by engineer in-charge/employer.

The Seller / Company should be ISO 14001: 2015, ISO 9001:2015, ISO-45001:2018, India Design Mark, Green Pro, Member of IGBC, FSC Certified. The Bidder should also be a member of BIFMA Level-1 for One or Two product's and BIFMA compliant should be certified for Five or More Products.

BUGETARY QUOTATION**Supply, Installation testing and commissioning of Furniture For AIIMS Guntur, Andhra Pradesh****Reference No.****HSCC/AIIMS Guntur/Furniture/2024****Name of Manufacturer/Bidder****Address & Contact Details of the Manufacturer/Bidder
submitting the Budgetary Quotation:**

S. No.	Name of Items	Unit	Total Quantity	Rate Per Unit (In Rs.) with inclusive of All Taxes & Duties and 3 Years Warranty	Amount (In Rs)with inclusive of All Taxes & Duties and 3 Years Warranty
1	Double X Ray View Box	Each	20		0
2	Instrument Trolley	Each	100		0
3	Instrument Trolley for Operation Theatre	Each	100		0
4	Visitors Chair	Each	150		0
5	Iron Almira	Each	100		0
6	Doctor's Chair	Each	50		0
7	Work Table	Each	100		0
8	Mayo Trolley	Each	65		0
9	Mayo Trolley - Big	Each	20		0
10	Dressing Trolley with bowl and bucket	Each	50		0
11	Examination Couch	Each	15		0

BUGETARY QUOTATION**Supply, Installation testing and commissioning of Furniture For AIIMS Guntur, Andhra Pradesh****Reference No.****HSCC/AIIMS Guntur/Furniture/2024****Name of Manufacturer/Bidder****Address & Contact Details of the Manufacturer/Bidder
submitting the Budgetary Quotation:**

S. No.	Name of Items	Unit	Total Quantity	Rate Per Unit (In Rs.) with inclusive of All Taxes & Duties and 3 Years Warranty	Amount (In Rs)with inclusive of All Taxes & Duties and 3 Years Warranty
12	Foot Step (Double)	Each	50		0
13	Foot Step (Single)	Each	100		0
14	Glass Cabinet	Each	25		0
15	Shoe Rack	Each	150		0
16	Mid Back Chair	Each	100		0
17	High Back Chair	Each	115		0
18	Wheel Chair	Each	150		0
19	Revolving Stool/ Lab stool	Each	160		0
20	Plastic Chair	Each	20		0
21	Stretcher	Each	10		0
22	Wooden Cup Board/ Laminated Storage	Each	55		0
23	Round Table	Each	65		0

BUGETARY QUOTATION**Supply, Installation testing and commissioning of Furniture For AIIMS Guntur, Andhra Pradesh****Reference No.****HSCC/AIIMS Guntur/Furniture/2024****Name of Manufacturer/Bidder****Address & Contact Details of the Manufacturer/Bidder
submitting the Budgetary Quotation:**

S. No.	Name of Items	Unit	Total Quantity	Rate Per Unit (In Rs.) with inclusive of All Taxes & Duties and 3 Years Warranty	Amount (In Rs)with inclusive of All Taxes & Duties and 3 Years Warranty
24	Iron Racks	Each	50		0
25	Iron Lockers	Each	50		0
26	Patient Waiting Chair - Three Seater	Each	13		0
27	Tea table/ glass table	Each	12		0
28	Conference Table/ Meeting Table	Each	3		0
29	Wooden File rack	Each	5		0
30	Recovery Trolley	Each	30		0
31	Seminar Chair	Each	300		0
32	Industrial Trolley	Each	80		0

BUGETARY QUOTATION

Supply, Installation testing and commissioning of Furniture For AIIMS Guntur, Andhra Pradesh

Reference No.

HSCC/AIIMS Guntur/Furniture/2024

Name of Manufacturer/Bidder

**Address & Contact Details of the Manufacturer/Bidder
submitting the Budgetary Quotation:**

S. No.	Name of Items	Unit	Total Quantity	Rate Per Unit (In Rs.) with inclusive of All Taxes & Duties and 3 Years Warranty	Amount (In Rs)with inclusive of All Taxes & Duties and 3 Years Warranty
33	Smart Digital Podium	Each	10		0
34	Oral Tablet Storage in Medicine Trolley	Each	50		0
35	Syringe Storage in Medicine Trolley	Each	100		0
36	Refrigerator 320 Lit	Each	25		0
37	Refrigerator 48 Lit	Each	40		0
38	Microwave Oven	Each	70		0
39	Stainless Steel Mobile Hospital Swab Stand	Each	30		0
40	Fully Motorized ICU Bed	Each	150		0
Total Amount In Rs.					0