

TECHNICAL SPECIFICATIONS

LOT2- MEDICAL FURNITURE & TOOLS

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BABWSH Baby Washing Cabinet

- The multifunction compartment allows you to have a sink
- a closet where to cram and organize the towels
- when a child arrives the compartment lid turns into a real changing table
- By sliding the lid it becomes a tray/ small tub for the baby bath.

BBCHNT Baby Changing Table**MATERIALS:**

FDA approved injection-molded polypropylene with Microban® antimicrobial additive embedded into the bed surface. Reinforced steel-on-steel hinge mechanism and metal mounting chassis with mounting hardware included. Labelled usage instructions and safety messages in four languages. Optional Braille label available. Contoured changing surface area is 450 sq. in (2903 sq. cm) and comes complete with nylon safety strap and bag hooks. Dual cavity liner dispenser holds approximately 50 KB150-99 bed liners.

OPERATION:

Concealed pneumatic cylinder and metal mounting chassis provides controlled, slow opening and closing of bed. Polypropylene is easy to clean and resists odors and bacterial growth. Complies with ASTM static load performance requirements when properly installed. Warning: To ensure that the unit supports the intended loads, baby changing stations must be properly installed according to the manufacturer's instructions.

SPECIFICATION:

Baby changing station body shall be durable, injection-molded polypropylene.

Design of unit shall be surface-mounted.

Unit shall be equipped with a pneumatic cylinder for controlled opening and closing of bed.

Bed shall be secured to metal mounting chassis with a concealed steel-on-steel hinge. No hinge structure shall be exposed on interior or exterior surfaces.

Unit shall have mounting hardware included. Unit shall have Microban® antimicrobial embedded into plastic material on the changing surface.

Unit shall comply with ADA regulations when properly installed.

Bed shall have smooth concave changing area with a nylon safety strap and two hooks for bags or purses.

The design and manufacture is intended to be compliant with the 2010 ADA Standards for Accessible Design and the 2009 ICC A117.1, Accessible and Usable Buildings and Facilities. Unit shall conform to ASTM F 2285-04 Standard Safety Performance Specification for Diaper Changing Tables for Commercial Use, ANSI Z535.4 Product Safety Signs and Labels, EN 12221:2008, ASTM G22 Antibacterial standards or local code if more stringent installation requirements are applicable for Barrier-Free accessibility.

Unit shall have a built-in Liner Dispenser for use with 3-ply chemical free biodegradable bed liners.

BED007**BEDS- Pediatric**

1. Manual beds for patients up to five years of age shall have a nontoxic finish that does not peel. The maximum recommended patient height shall be provided.
2. The pediatric beds shall have a two-sectional support surface.
3. Overall size: 150 x 90 cm (Approximately)
4. Overall crib height 140 cm (Approximately)
5. Head/foot section articulation: 45 degrees
6. IV Pole Receptacles (two) shall be incorporated on both sides of the bed at the head section
7. An IV pole compatible with the receptacles shall be included in the offer
 - The pole shall be constructed of chromium plated metal with corrosion and scratch proofing
 - The pole to include at least one double IV bag hook
8. The bed shall incorporate drainage bag hooks on both sides and a shelf with Oxygen tank holders
9. All bed panel spacing and openings shall be designed to prevent accidental child body parts trapping (head, feet or arms) as well as child fall out of bed. For example, the maximum distance between the slats on the side rails shall not exceed 6 cm. Specify details
10. The pediatric bed shall have rails that surround the patient surface. The rails shall have a height that will prevent children from jumping or climbing and tripping over. Specify height above mattress
11. The side rails should fold or slide down to allow access to the patient.
12. The side rails shall be resistant to corrosion and scratch.
13. The side rails shall have an intermediate height position where the top of the side rail is above the mattress support surface but at the same time allows the healthcare provider to easily reach the child. Specify intermediate position height above mattress
14. Head and foot elevation indicator
15. Bumpers should be provided on the bed to avoid impact and abrasion damage to the bed and wall surfaces, doorframes, furniture, and mobile equipment
16. The bed shall be mobile with 4 antistatic casters approximately 13 cm (2 with brakes and steer)
17. Vinyl Safety panels
18. The crib should have no sharp edges
19. The unit should be well constructed with durable materials to withstand typical abuse and cleaning
20. The crib should be easy to clean and disinfect as appropriate
21. The offer shall include a hospital grade mattress constructed of flame retardant material and anti-microbial agents.
 - Mattress shall be designed to support weights up to 65 Kg on a rigid bed surface

- Mattress cover shall be made of material possessing chemical stains resisting capabilities. It shall endure contact with blood, urine, or other hospital and patient vicinity-found chemicals
- Mattress cover shall be easily removed for cleaning. It shall be resistant to abrasive cleaning and disinfecting agents normally used in hospitals.

BED010 BED, birthing

Multi Position bed designed for labor, delivery and recovery environment. It shall have the following features:

1. "V" cut out or straight edge mattress for maximum exposure to the mother's perineum during labor and recovery.
2. Battery-back up to facilitate positioning and control during emergency transport.
3. Light weight lift off removable foot section in one easy motion.
4. One step foot support with single release lever to provide easy adjustment in multiple directions.
5. Easy glide calf support easily accessible to accommodate patients for various heights
6. CPR release.
7. Central breaks and steer.
8. Special mechanism to allow the head elevation to immediately lower to 8 degree
9. Inflatable air pillows in back and seat
10. Automatic pelvic tilt.
11. One step side rail release with zero transfer gaps for safer and easier patient transfers.
12. Low position bed that provides stability to support the mother in ambulatory efforts.
13. Built-in night light for automatic illumination providing a focal point of the floor and foot exit area.
14. Lock out controls.
15. Point of care side rail control.
16. Foam mattress to be soft and comfortable.
17. Anti microbial cover, soft, durable and easy to clean
18. Fluid Basin.
19. Labor grips.
20. IV pole
21. Lift capacity up to 220 kg

BED011 BED, Hospital, Ward Adult, with Mattress

Manual bed to enable both patient and staff to conveniently adjust the bed and mattress positions easily with help of manual crank, requiring less time and physical strain. It shall meet or exceed the following features:

1. The bed controls shall be designed to support the caregiver's focus on the patient.
2. It shall have crank to move the patient easily into a dining chair position for added comfort and patient controls snap directly into the bed rail for easy access.
3. It shall have shear-less pivot mechanism (the head section articulates upward, the back section moves outwards) with auto contour (the knee section moves upward). That means that this series of articulations reduces the need for caregivers to reposition patients
4. It shall have a central braking system; a single press of the brake bar shall lock all the wheels. Additionally, all four casters lock in two directions, not only one, for added patient safety. An auditory alert shall sound when the brakes are released and the bed is still plugged in
5. It shall have instant CPR release lever and include a dampened descent, gently lowering the patient and reducing caregiver back strain.
6. It shall have higher headboard to make moving the bed easier
7. It shall have easy-to-read line of sight angle indicators for degree of head section and trend and reverse trend.
8. The bed and mattress shall be designed to address main entrapment areas.
9. It shall have patient controls for head/knee with nurse call and lighting
10. It shall have nurse call control pendant in side rail for patient and caregiver
12. It shall have foot extender pad with fire barrier
13. It shall be supplied with a standard IV pole with dual IV hooks
14. Rails and bumpers should be provided on the bed to avoid impact and abrasion damage to the bed and wall surfaces, doorframes, furniture, and mobile equipment.
15. The side rails shall fold down or tuck-away for easier patient transfer and be positively latched in the up position
16. The headboard and footboard shall be removed easily for quick access to the patient's head in an emergency.
17. There shall be a minimum of four IV receptacles. Ideally, mounts should be provided on both sides of the bed at the head, center, and foot sections.
18. There shall be multiple drainage bag hooks located on each side of bed.
19. It shall have the following technical data:
 - Frame width: approx. 100 cm
 - Frame length with head and foot board (w/bumpers): approx. 230 cm
 - Sleep deck:
 - Width: approx. 90 cm
 - Normal length: approx. 200 cm

- It shall be supplied with a comfortable mattress with fire barrier
- The mattress shall be designed for comfort and protection. It shall be made wider to decrease the gap between the mattress and the side rail and to address main entrapment areas. It shall be constructed with different ILDS (Indentation Load Deflection) and densities, the high resiliency foam addresses the needs of each body section, with special emphasis on the vulnerable heel area
- The mattress shall have the following features:
 - The cover shall be anti-microbial, anti-fungal, and promotes skin respiration
 - Shear less liner to protect the skin
 - Mattress ticking seams shall be RF welded for added durability
 - Multi-layered mattress, including firm perimeter foam, for precise body support
- The Bed shall have the following features:
 - Bed clearance under frame: approx. 13 cm
 - Low position floor to deck: approx. 40 cm
 - High position floor to deck: approx. 80 cm
 - Maximum head elevation: approx. 70 degrees
 - Maximum trend and reverse trend: approx. 15 degrees
 - Caster size: approx 15 cm (diameter)
 - Maximum weight limit (safe working load): approx. 180 Kg

BED011-F BED, Hospital, Ward Adult ,with mattress, Fixed to the Floor

These beds are intended for use in the Psychiatric ward, they shall possess high end, high quality material and finish for the intended purpose.

Material, finish and color shall be fully coordinated with the Client / Engineer, especially as it related to ID attributes.

It shall be fully compliant with the services specified separately under this RFP to create a homogeneous environment

Manual bed which are floor bound to enable both patient and staff to conveniently adjust the bed and mattress positions easily. It shall meet or exceed the following features:

1. The bed controls shall be designed to support the caregiver's focus on the patient
2. It shall have shear-less pivot mechanism (the head section articulates upward, the back section moves outwards) with auto contour (the knee section moves upward). That means that this series of articulations reduces the need for caregivers to reposition patients
3. It shall have instant CPR release lever and include a dampened descent, gently lowering the patient and reducing caregiver back strain.
4. It shall have easy-to-read line of sight angle indicators for degree of head section and trend and reverse trend.
5. The bed and mattress shall be designed to address main entrapment areas.
6. There shall be a minimum of four IV receptacles. Ideally, mounts should be provided on both sides of the bed at the head, center, and foot sections.
7. There shall be multiple drainage bag hooks located on each side of bed.
8. It shall have the following technical data:
 - Frame width: approx. 100 cm
 - Frame length with head and foot board (w/bumpers): approx. 230 cm
 - Sleep deck:
 - Width: approx. 90 cm
 - Normal length: approx. 200 cm
9. It shall be supplied with a comfortable mattress with fire barrier
10. The mattress shall be designed for comfort and protection. It shall be made wider to decrease the gap between the mattress and the side rail and to address main entrapment areas. It shall be constructed with different ILDS (Indentation Load Deflection) and densities, the high resiliency foam addresses the needs of each body section, with special emphasis on the vulnerable heel area
11. The mattress shall have the following features:
 - The cover shall be anti-microbial, anti-fungal, and promotes skin respiration
 - Shear less liner to protect the skin
 - Mattress ticking seams shall be RF welded for added durability
 - Multi-layered mattress, including firm perimeter foam, for precise body support
12. Maximum weight limit (safe working load): approx. 180 Kg

BED012 BED, Hospital, VIP

These beds are intended for use in the VIP ward, they shall possess high end, high quality material and finish for the intended purpose.

Material, finish and color shall be fully coordinated with the Client / Engineer, especially as it related to ID attributes.

It shall be fully compliant with the bedhead unit services specified separately under this RFP to create a homogeneous luxurious environment

Fully motorized electrical bed to enable both patient and staff to conveniently adjust the bed and mattress positions easily, requiring less time and physical strain. It shall meet or exceed the following features:

1. The bed controls shall be designed to support the caregiver's focus on the patient. It shall have one-touch control to move the patient easily into a dining chair position for added comfort and patient controls snap directly into the bed rail for easy access. All controls shall use international symbols where applicable
2. It shall have shear-less pivot mechanism (the head section articulates upward, the back section moves outwards) with auto contour (the knee section moves upward). That means that this series of articulations reduces the need for caregivers to reposition patients
3. It shall have a central braking system; a single press of the brake bar shall lock all the wheels. Additionally, all four casters lock in two directions, not only one, for added patient safety. An auditory alert shall sound when the brakes are released and the bed is still plugged in
4. It shall have instant CPR release lever and include a dampened descent, gently lowering the patient and reducing caregiver back strain.
5. It shall have higher headboard to make moving the bed easier
6. It shall have easy-to-read line of sight angle indicators for degree of head section and trend and reverse trend.
7. The bed and mattress shall be designed to address main entrapment areas.
8. It shall have an isolation transformer
9. It shall have embedded caregiver controls-electric adjustment for height, head, knee, foot, trend/reverse trend and dining chair
10. It shall have patient controls for head/knee with nurse call, entrainment and lighting
11. It shall have nurse call-embedded in side rail for patient and caregiver
12. It shall have foot extender pad with fire barrier
13. It shall be supplied with a standard IV pole
14. Rails and bumpers should be provided on the bed to avoid impact and abrasion damage to the bed and wall surfaces, doorframes, furniture, and mobile equipment.
15. The side rails shall fold down or tuck-away for easier patient transfer and be positively latched in the up position

16. The headboard and footboard shall be removed easily for quick access to the patient's head in an emergency.
17. There shall be a minimum of four IV receptacles. Ideally, mounts should be provided on both sides of the bed at the head, center, and foot sections.
18. There shall be multiple drainage bag hooks located on each side of bed.
19. It shall have the following technical data:
 - Frame width: approx. 100 cm
 - Frame length with head and foot board (w/bumpers): approx. 230 cm
 - Sleep deck:
 - Width: approx. 90 cm
 - Normal length: approx. 200 cm
20. It shall be supplied with a comfortable mattress with fire barrier
21. The mattress shall be designed for comfort and protection. It shall be made wider to decrease the gap between the mattress and the side rail and to address main entrapment areas. It shall be constructed with different ILDS (Indentation Load Deflection) and densities, the high resiliency foam addresses the needs of each body section, with special emphasis on the vulnerable heel area
22. The mattress shall have the following features:
 - The cover shall be anti-microbial, anti-fungal, and promotes skin respiration
 - Shear less liner to protect the skin
 - Mattress ticking seams shall be RF welded for added durability
 - Multi-layered mattress, including firm perimeter foam, for precise body support
23. The Bed shall have the following features:
 - Bed clearance under frame: approx. 13 cm
 - Low position floor to deck: approx. 40 cm
 - High position floor to deck: approx. 80 cm
 - Maximum head elevation: approx. 70 degrees
 - Maximum trend and reverse trend: approx. 15 degrees
 - Caster size: approx 15 cm (diameter)
 - Maximum weight limit (safe working load): approx. 180 Kg
24. The headboard and footboard shall be made of wood that matches the Horizontal Bed head Unit and the Furniture in the corresponding rooms

BED013 ICU BED, Hospital, CCU, ICU, CSU Adult, Electric with Mattress

Fully motorized electrical bed to enable both patient and staff to conveniently adjust the bed and mattress positions easily, requiring less time and physical strain. It shall meet or exceed the following features:

1. The bed controls shall be designed to support the caregiver's focus on the patient.
2. Electric and manual standardized bed controls to be located at side of bed at the point of care
3. It shall have nurse call-embedded in side rail for patient and caregiver as well as ambient lighting controls.
4. Hands-free CPR mechanism, activated from side of bed, at the point of care
5. Removable headboard and footboard for quick access to the patient's head in an emergency
6. Electric trend and reverse trend positioning with easy-to-see angle indicators for degree of head section and trend and reverse trend.
7. Hands free emergency trend
8. Safety & Information Indicator lights: bed power, brake, etc...
9. Bed status display
10. Bed must include built-in diagnostics for several functions
11. Side rails to articulate with the bed
12. Side rails must be swung out of the way in an easy mechanism (zero transfer gap)
13. Bed shall be equipped with one-button full chair positioning
14. Bed must be equipped with ability to lower foot section to 90 deg
15. Bed shall feature a retractable footboard allowing caregiver to customize length of bed in both the bed and chair position and enhancing mobility during transport
16. Bed must feature a chair egress feature for patient egress out of the foot end of the bed
17. Central Brake and steer designed to lock all four castors simultaneously in the brake position. Both front casters lock in the steer position.
18. Bed must feature a shearless pivot design, thus combining the articulation of the frame, the surface and the patient in a manner that minimizes patient migration towards foot end of bed, and reducing the need for caregiver to reposition patient.
19. The bed shall feature lock-out controls located in caregiver control panel to protect the patient from accidental and/or unauthorized activation of selective functions i.e. Foot up/down, foot retraction, chair, etc...
20. The bed shall have a radiolucent surface
21. It shall be supplied with standard IV pole with dual IV hooks
22. Rails and bumpers should be provided on the bed to avoid impact and abrasion damage to the bed and wall surfaces, doorframes, furniture, and mobile equipment.
23. There shall be a minimum of four IV receptacles. Ideally, mounts should be provided on both sides of the bed at the head, center, and foot sections.
24. There shall be multiple drainage bag hooks located on each side of bed.
25. The bed shall be equipped with an integrated patient scale
26. Accurate patient weight must be available with the head and foot of bed elevated up to

30 deg

27. Patient scale shall be equipped with a delay weigh feature

28. Patient scale shall be equipped with a tare list

29. Specify no of patient weights that can be stored at one time

30. The following technical data shall be provided:

- Frame width
- Frame length with head and foot board (w/bumpers)
- Sleep deck width
- Sleep deck length
- Bed clearance under frame
- Low position floor to deck
- High position floor to deck
- Maximum head elevation
- Maximum trend and reverse trend
- Caster size
- Maximum weight limit (safe working load)
- Sleep surface
- Full body zoned air surface with perimeter foam bolsters, a nylon slip-sheet foot section and a knitted acrylic/fiberglass fire barrier.
- Stretchable polyurethane cover, resistant to fluids and chemical stains, equipped with a shear liner providing extra skin protection and significantly reducing the chances of sacral breakdown from deep tissue shearing
- Six dynamic independent zones: upper torso, pelvic, thigh, heel 1, heel 2, heel 3
- Three system modes
 - Standard mode: the zones employ Variable Load Displacement to contour the surface around the patient's body, providing greater surface contact and redistribution of interface pressure away from bony prominences.
 - Max-Inflate mode: when the instant CPR mechanism is activated allowing the entire surface to become firm to facilitate CPR
 - Pause transport mode

31. The surface shall be equipped with turn assist bladders helping the caregiver in turning the patient left or right.

32. The surface shall have a built-in x-ray cassette sleeve

33. The surface shall be supplied with an air control box featuring a message center display indicating surface functions and service mode.

34. The air control box shall be equipped with audiovisual safety alarms such as patient out of bed alarm, 30° head-of-bed alarm so caregiver can raise or lower head to optimize therapy as well as lockout key to lock all controls on the panel

35. The therapeutic weight limit shall be provided

BED015

Nursery Bed

1. Safety sensor
2. Colorful finishes
3. Quiet EZ-Lift Sides
4. 3" SleepSafe Mattress
5. IV/Pump Bracket
6. 5" Tente Steer Caster
7. CribEye Covers
8. Shelf

BIN020-L

Sharps Container

- Space Saving Containers
- Autoclavable at 121°C
- With Safety cover
- Conform to BS7320:1990
- NF x 30-500
- ADR UN 3291
- Approx. 22L – 32x22.7xh 44.5cm

BIN022 BIN/HOLDER infectious/pathological waste

1. This unit should be designed for infectious/pathological waste management
2. The bin shall have scratch, corrosion and abrasion resistant qualities.
3. It shall have a yellow color and shall be marked with the international infectious substance symbol.
4. Waste container of approx. 30 L capacity
5. Pedal activated operation is preferred, to minimize the risk of cross infection
6. It shall have a frame constructed from hot dipped coated galvanized material to prevent corrosion
7. The unit shall be fire safe

BIN022-L BIN/HOLDER infectious/pathological waste, Large

1. This unit should be designed for infectious/pathological waste management
2. The bin shall have scratch, corrosion and abrasion resistant qualities.
3. It shall have a yellow color and shall be marked with the international infectious substance symbol.
4. Waste container of approx. 80 L capacity
5. Pedal activated operation is preferred, to minimize the risk of cross infection
6. It shall have a frame constructed from hot dipped coated galvanized material to prevent corrosion
7. The unit shall be fire safe

BIN026 BIN/HOLDER Pharmaceutical waste

1. This unit should be designed for pharmaceutical waste management
2. The bin shall have scratch, corrosion and abrasion resistant qualities
3. It shall have a brown color and marked with the international infectious substance symbol.
4. Waste container of approx. 30 L capacity
5. Pedal activated operation is preferred, to minimize the risk of cross infection
6. It shall have a frame constructed from hot dipped coated galvanized material to prevent corrosion

BIN026-L BIN/HOLDER Pharmaceutical waste, Large

1. This unit should be designed for pharmaceutical waste management
2. The bin shall have scratch, corrosion and abrasion resistant qualities
3. It shall have a brown color and marked with the international infectious substance symbol.
4. Waste container of approx. 80 to 100 L capacity
5. Pedal activated operation is preferred, to minimize the risk of cross infection
6. It shall have a frame constructed from hot dipped coated galvanized material to prevent corrosion

BSC002 Bedside Cabinet

- 1) Bedside Cabinet should be manufactured from epoxy-coated steel.
- 2) It should comprise of cupboard section and a pull out drawer.
- 3) The cabinet should have a frontal ventilation grid.
- 4) The cabinet should be mounted on four legs with non conductive rubber stops.
- 5) Both the swing door and drawer shall have suitable handles.
- 6) The cupboard section shall be 490mm high
- 7) Dimensions:450 x 470 x 830mm (WxDxH) or approximate

BSC002-F Bedside Cabinet- Fixed to the Floor

These bedside cabinets are intended for use in the Psychiatric ward, they shall possess high end, high quality material and finish for the intended purpose.

- 1) Bedside Cabinet should be manufactured from epoxy-coated steel.
- 2) It should comprise of cupboard section and a pull out drawer.
- 3) The cabinet should have a frontal ventilation grid.
- 4) The cabinet should be mounted on four legs with non conductive rubber stops.
- 5) Both the swing door and drawer shall have suitable handles.
- 6) The cupboard section shall be 490mm high
- 7) Dimensions:450 x 470 x 830mm (WxDxH) or approximate
- 8) The BSC should be screwed to the Floor

CAB010 Medicine Storage Cabinet

1. The cabinets shall be made of high quality and heavy duty powder coated Steel.
2. Predrilled holes for onsite assembly.
3. 5 height adjustable shelves with 2 separators/ shelf
4. 2 leaf doors with lock.
5. Approximate dimensions: 900 x 600 x 1700 mm

CAB010-W Medicine Storage Cabinet, wall mount

1. The cabinets shall be made of high quality and heavy duty powder coated Steel.
2. Predrilled holes for onsite assembly and shall be able to mount on a wall
3. 5 height adjustable shelves with 2 separators/ shelf
4. 2 leaf doors with lock.
5. Approximate dimensions: 900 x 600 x 1700 mm

CAB011 Linen Storage Cabinet

1. Free standing mesh-wire shelves for the storage of linen
2. Made in Chromium-plated stainless steel and surface treated with clear epoxy varnish.
3. Stand alone and moveable unit.
4. Approximate Dimensions : 400 mm W x 1500mm L x 2000mm H mm

CAB113 Instrument Storage Cabinet

1. The cabinets shall be made of high quality and heavy duty powder coated Steel.
2. Predrilled holes for onsite assembly.
3. height adjustable shelves with 2 separators/ shelf
4. Leaf doors with lock.
5. Approximate dimensions: 900 x 600 x 1700 mm.

CAB113-W Instrument Storage Cabinet, wall mount

1. The cabinets shall be made of high quality and heavy duty powder coated Steel.
2. Predrilled holes for onsite assembly and shall be able to mount on a wall.
3. height adjustable shelves with 2 separators/ shelf
4. Leaf doors with lock.
5. Approximate dimensions: 900 x 600 x 1700 mm.

CHA059 WHEELCHAIR, Folding, Adult

Assisted propelled chromium plated, heavy duty folding wheel chair for inter-hospital transport of adult patients.

To have the following specifications:

1. User propelled wheels mounted into the rear of both side frames.
2. Swivel castors should be mounted to the front of both side frames.
3. The user propelled wheels should have a push rim attached.
4. Each of the user-propelled wheels should have toggle or lever wheel locks
5. Wheels shall be tubeless or air free.
6. The wheelchair should have collapsible seat and backrest
7. The wheelchair should have armrest.
8. Footrests should either flip-up or fold away and should have impact guards.
9. The wheelchair should have anti-tip devices and should not tip on inclines with slopes of up to 15 degrees
10. The wheelchair should be easy to maneuver in confined spaces.
11. The wheelchair upholstery should pass applicable standards for flame resistance.
12. The following safety features should be incorporated
 - 12.1. Anti tip mechanism
 - 12.2. Heavy duty construction
 - 12.3. Anti folding mechanism to prevent accidental folding during patient use
 - 12.4. Specify maximum patient weight capacity

CHA059-C WHEELCHAIR, Folding, Pediatric

Assisted propelled chromium plated, heavy duty folding wheel chair for inter-hospital transport of pediatric patients.

To have the following specifications:

1. User propelled wheels mounted into the rear of both side frames.
2. Swivel castors should be mounted to the front of both side frames.
3. The user propelled wheels should have a push rim attached.
4. Each of the user-propelled wheels should have toggle or lever wheel locks
5. Wheels shall be tubeless or air free.
6. The wheelchair should have collapsible seat and backrest
7. The wheelchair should have armrest.
8. Footrests should either flip-up or fold away and should have impact guards.
9. The wheelchair should have anti-tip devices and should not tip on inclines with slopes of up to 15°.
10. The wheelchair should be easy to maneuver in confined spaces.
11. The wheelchair upholstery should pass applicable standards for flame resistance.
12. The following safety features should be incorporated
 - 12.1. Anti tip mechanism
 - 12.2. Heavy duty construction
 - 12.3. Anti folding mechanism to prevent accidental folding patient
 - 12.4. Specify maximum patient weight capacity.

CHA075 CHAIR, Blood Extraction

1. Wide with padded arm support that rotates 360 degrees.
2. Suitable for right or left hand use.
3. Arm rest adjusts to any size/height patient
4. Stain resistant upholstery
5. Capability to carry up to 200Kg
6. Storage drawer
7. Non slip rubber feet
8. Color to be coordinated with interior design / Engineer

CHR001**OT Chair**

The surgeon's adjustable stool to have the following features

1. Foot operated electro-pneumatic lift mechanism for seat height adjustment
2. Articulated backrest with height and depth adjustment
3. Approximate hydraulic height Adjustment: 500mm-800mm.
4. Removable, adjustable armrests
5. Seat, backrest and armrests are contoured for extra comfort and made from high-density foam
6. Padding thickness: 100mm (indicative)
7. Upholstery material: disinfectant-proof, stain and flame resistant
8. The whole stool shall be electrically conductive
9. High stability base, powder coated steel
10. 4 double casters with 5th wheel for added resistance to tipping

CHRDIA Dialysis Chair (Fully electric profiling)

The Innovation Dialysis Couch has been designed for use within specialist renal dialysis environments.

The couch features auto-electric CPR and fully electric proling with a 2-way tilt facility to ensure a smooth transition when positioning patients for dialysis procedures and treatments.

Features:

- Fully electric profiling with hand switch control
- Electric backrest and foot section
- Auto-Electric CPR function via hand switch control
- Electric profiling with auto - intelligent operation
- Vertical lifting designed to provide maximum stability throughout all profiling positions
- Smooth moulded base shroud surface and acrylic capped vac formings minimise dirt traps and facilitate easy cleaning
- Anti-bacterial powder coated frame
- Anti-microbial and fire retardant upholstery
- Pressure relieving upholstery design for patient comfort and security
- Clearance beneath frame for mobile hoist
- Wide choice of upholstery colours
- Extensive range of optional accessories
- Fitted with multi-adjustable angle arm rests
- Choice of independently braked castors or central locking design with steering facility
- Adjustable upholstered footboard for patient comfort

1. Technical Specifications:

Backrest Section Adjusts	horizontal to +85°
Foot Section Adjusts	+10° to -35°
Height Range	47 - 99cm
Trendelenburg	+15°
Width	70cm
Working Load	250kgs (550lbs = 39 stone)

CHRREC Recliner Chair

This section describes the requirement of a recliner treatment chair to be used in the recovery room.

1. The recliner procedural chair shall be constructed of mild steel frame with upholstered seat, backrest, headrest and leg-section.
2. Adjustable Backrest by a heavy-duty gas-spring to any position down to horizontal level.
3. Leg section can be adjusted to horizontal level.
4. The recliner procedural chair shall include two upholstered arm sections height adjustable.
5. The recliner procedural chair shall be capable to handle 160 Kg patients.
6. The recliner procedural chair shall be mounted on four casters two of which are lockable

Approximate dimensions: 200x80cm.

COU007 Treatment/ Examination Couch - Hydraulic

Examination /treatment table shall have the following features:

1. It shall have an adjustable backrest with counterweight piston and manual adjustment
2. Height adjustment by foot switch control
3. The surface shall be 8 cm thick and upholstered with wear-resistant and disinfectant tolerant material.
4. It shall include a paper roll holder.
5. Approximate overall dimensions (H x W x L): 40 to 90 cm x 70 x 200 cm.
6. Color shall be coordinated with ID concept / Engineer.

COU007-L Treatment/ Examination Couch – Hydraulic WITH LITHOTOMY Accessories

Examination /treatment table shall have the following features:

1. It shall have an adjustable backrest with counterweight piston and manual adjustment
2. Height adjustment by foot switch control
3. The surface shall be 8 cm thick and upholstered with wear-resistant and disinfectant tolerant material.
4. It shall include a paper roll holder.
5. Approximate overall dimensions (H x W x L): 40 to 90 cm x 70 x 200 cm.
6. It shall include Lithotomy Accessories like;
 - Knee Crutches. ...
 - Lithotomy Boot Pad. ...
 - Lithotomy Holder with Strap. ...
 - Lithotomy Stirrups.
 - Stainless Steel pan/bowl
7. Color shall be coordinated with ID concept / Engineer.

COU008 COUCH, Ultrasound examination, with paper roll holder

1. The table shall be used for patient examinations in the ultrasound scanning room
2. Patient Surface
 - 2.1. The exam/treatment table shall have a patient surface with the following specifications:
 - 2.1.1. Two sectional with variable back support with counterweight piston and manual adjustment
 - 2.1.2. Width of ~ 70cm
 - 2.1.3. Length of no less than 195 cm
 - 2.1.4. Height ranging from ~ 55 cm to 75 cm
 - 2.2. The patient surface shall be padded and upholstered with a wear-resistant, disinfectant-tolerant material, with a minimum of 8 cm high quality padding
3. Table Frame
 - 3.1. The exam/treatment table shall have a solid, sturdy frame constructed of powder coated finish material that is disinfectant, corrosion and stain resistant (specify)
 - 3.2. The table shall remain stable during use.
 - 3.3. To incorporate four lockable, swiveling castors with minimum 5" diameter

COU010 Treatment/ Examination Couch, Adjustable, Orthopedic

Orthopedic tables proposed shall have the following minimum features:

- Shall be a modular construction to allow all positioning options for Orthopedic and
- Traumatologic surgery.
- With patient positioning and traction capability (with required accessories) to facilitate easy
- and efficient patient positioning for upper and lower limb procedures; such as fracture
- procedures, shoulder surgery, nonoperative myelograms, ender nailing, interlocking nailing
- of the femur, tibia, and fibula, anterior total hip replacement..etc.
- The base attachment shall be a mobile type with conductive castors that are protected
- against soiling and easily accessible for cleaning

Shall have a minimum of:

- Back section: 3-plates (with 2 detachable shoulder segments)
- Seat plate: with 2 detachable bottom supports
- Divided leg section
- The spatial apparatus and traction unit for lower extremity procedures shall be:
 - Mounted/attached to the operating table
 - Shall not require floor mounted support/weight bearing
 - Adjustable articulation in all directions (single hand operation)
 - With adjustable axial- rotation of $\pm 45^\circ$
 - AC operation with backup battery (capacity for a minimum of 1 week of operation)
 - Shall be equipped with electromechanically driven running gear and manual back up
 - capability with a braking system that does not allow any movement when engaged.
 - Operating tabletop with soft padded, easy to clean, flame and tear proof, anti static and
 - chemical resistant covering.

Controls:

- Shall include corded control unit, infrared control unit (with charger) and foot switch.
- In the event of control units failure, there shall be a facility for manual override control.
- Ability to control the table via the selected OR integration system (coordinate with client
- and OR integration system supplier), if applicable

The table shall achieve the following positions from the horizontal plane:

- Motorized Height adjustment: 75 - 115 cm (Approximately)
- Motorized Trendelenburg / reverse Trendelenburg: $\pm 20^\circ$
- Motorized Lateral tilt: $\pm 15^\circ$
- Motorized Back section: $+30^\circ$ to -30°
- Load capacity (for the table and accessories):
 - Static: 250 kg
 - Articulated: 180 kg
- Shall have a radio translucent top:
- Carbon fiber table top
- Shall have adequate longitudinal access to facilitate C arm access

Additional Accessories (the following shall be included):

- Standard orthopedic traction and holding accessories for supine, lateral and prone positions

- Counter-traction post for femur with roll pad (supine and lateral positions)
- Traction boots
- Accessory rails (on both sides)
- Arm boards with mattress
- Body restraints and safety straps
- Clamps for attachments

Supplier shall provide detailed price list for accessories for all available specialty applications

The unit shall include all required accessories for full functionality

Shall be CE marked and/or FDA approved

CRT005 Linen Hamper Cart

The Hamper shall have the following features:

1. Tubular hamper stand for handling and transporting medical linens
2. Supplied with rolling bumpers
3. Constructed of heavy gauge steel
4. Ball bearing 3" swivel casters with rubber wheels.
5. It shall be equipped with strong bottom shelf/disk keeps for supporting the bag
6. Accommodates 25" bags
7. Shall have foot pedal operated quiet closing lid to control airborne pathogens.

CRT120 Cart, Orthopedic Supply

Orthopedic supply cart to have the following features:

- Made of Chromium plated steel or stainless steel frame
- Includes 4 shelves, one of which with an aperture for an approx. diameter of 32 cm for plaster bowl
- 6 Drawers, one with lock

Brakes & Castors:

- Four casters, 125mm, at least two of them shall have locks.
- The casters should be conductive and swivel 360°
- Maneuvering the unit should require minimal physical effort.
- Casters should be securely attached and do not require lubrication.

Approx. overall dimensions: 1800 x 600 x 900 mm.

CTRNUR**Nurses Counter**

1. Counter made for two positions receptionist.
2. Manufactured from highly resistant laminated highly pressed and high quality chipboard.
3. Laminated sheet cover.
4. An undercounted shelf must be provided and a place for accommodating computers and other material.
5. Computer cables for monitor and printer pass holes must be provided.
6. On one side, the height of the counter should allow the reception activities for disable patient in wheelchair.
7. The eight shall allow the reception activities for disable patient in wheelchair all over the counter.
8. With 2 under-counter cupboards made of two drawer and a swing door.
9. Overall length of at least 4 meters with an L shape and a round angle.
10. Top wide of at least 40 cm.
11. Under counter wide at least 60 cm.

CUP495 CABINET, Endoscopes

The cabinet should have the following configurations:

- Approximate dimensions (W x D x H): 600 x 200 x 2100 mm.
- One rack with 10 scopes capacity to be hung vertically.
- Stainless steel post with adjustment grooves every 3 cm (indicative)
- Height adjustment for the scope brackets, cord managers, hoop and bumper, to
- accommodate various scope lengths
- Polymer side panels
- Accommodate two scope sizes, colour-coded:
 - Blue for Pulmonary
 - Orange for Gastrointestinal
- Individual scope brackets and cord managers are easy to remove and interchange, and
- adjustable on about 25mm increments.
- Vinyl-coated hoop and rubber bumper
- Scope bracket label holders to identify the type of scope
- Removable, seamless plastic drip pan
- Solid vented door, with lock
- Door vents to be located at top and bottom of door

DEN012 Cart, Dental, Mobile

- The cart is to be used for holding dental supplies and instruments
- It shall be made of powder painted metal
- It shall include at least 3 drawers with 7 cm approx. height
- It shall include at least 2 drawers with 15 cm approx. height
- The drawers shall include removable plastic trays and dividers
- The cart shall have 4 castors 2 of them with brakes
- The approximate dimensions (H, W, D): 100cm X 85cm X 48 cm

EXC030 OT WorkStation

This OT work station is used in the PHYSIOTHERAPY department.

- It shall have Formica top with a cut out for easy interaction between therapist and patient
- It shall be height adjustable with hand crank from 70cm to 90cm
- It shall two drawers size 50cm Width X 12cm Height for storage of OT supplies
- It shall have free passage for wheelchair to fit under table
- The table top size is approximately 150 cm X 70cm

EXC032 Racks, Storage for Small Exercise Equipments

- Storage racks for exercise materials
- Storage racks unit to be made of hardwood
- The storage racks shall have the appropriate design to hold:
 - Ropes and hoops
 - Exercise balls
 - Exercise wood sticks
 - Physiotherapy balls
- Overall dimensions (WxH): approximately 1200x600 mm.

EXC033 Tables, Physical Therapy

Physical therapy table to have the following features:

- Three individually adjustable sections
- Motorized positioning of sections
- Face opening in the head section
- Adjustable armrest
- Electric height adjustment by means of a foot switch
- Height adjustment range: 45 – 90 cm
- Overall width: 80 cm ($\pm 5\%$)
- Patient weight capacity: 150 Kg (indicative)
- Frame construction material: powder or chrome coated steel (rust and chip-resistant)
- Upholstery material: wear-resistant and disinfectant tolerant material
- Cushioning material: high density foam with 3 inch minimum thickness
- Rounded corners to assure patient' and operator's comfort
- Adjustable leveling of the legs
- Retractable casters
- Complete with paper roll holders, support and fixation belts
- Meets infection control standards

Color is subject to selection and approval by the Client

EXC034 Tables, traction W/ traction Unit

A universal traction unit for lumbar and cervical tractions with electric height adjustment table/couch

Traction unit:

- A microprocessor controlled traction unit
- LCD, digital control panel
- Selected parameter: traction force, base force, base hold time, and treatment time
- The traction force shall be electronically measured and constantly monitored
- Mechanical maximum force limitation
- Patient stop switch
- Patient movement shall not influence the traction force

The traction unit shall have the following specifications:

- Types of treatments: static traction and intermittent traction
- Traction force: 1.5-90 Kg
- Treatment time: 1-60 minutes in 1 min steps, with acoustic signal and automatic signal and automatic reducing of traction force
- Intermittent traction:
 - Traction hold time: 0-90 seconds
 - Base hold time setting: 0-90 seconds
- Unit to be mounted on the traction table
- To be completely supplied with standard accessories and to be listed separately

Additional Accessories:

- Pulley
- Mobile traction frame for cervical traction
- Carabine hook, galvanized, oval, diameter 70mm
- Flexi stool with separate height adjustment for each leg

GEN301 Foot Stool

The footstool to have the following features:

- To be constructed of stainless steel frame.
- Single step
- The footstool shall have an anti-slip rubber surface.
- Stool feet to be fitted with non coloring rubber
- Rated for 150 Kg
- Approx. dimensions H 20 x W 35 x L 50 cm

GMF004 Table, Overbed, Cantilevered

The patient Overbed Table shall have the following features:

- Constructed of mild steel.
- One drawer.
- Guard rails.
- Internal steel frame.
- Height adjustable
- Tilt able top on both sides.
- Color to be selected by client
- C or H shaped base with four castors.

GMF101 STAND, infusion

The IV pole shall have the following features:

- 1 Should be constructed from durable, antirust material with five swiveling, conductive castors and variable height
- 2 Shall have Distal end IV bags hangers (4 hooks), which are easily accessible.
- 3 Should be lightweight and heavy duty, capable of supporting 3 pumps simultaneously (at least 20Kg) with base support and pump supporting platform.
- 4 Shall be height adjustable by means of a telescoping upright rod
- 5 The height adjustment shall be secured in place (i.e., with a twist lock, knob handle).

LAB120 Lab Work Bench (120 cm)

- Work Top: Made of (17 to 19mm) thick Trespa Top with chamfer molding in the front; groove at the bottom to avoid chemical spillage on the modules.
 - Material of Construction: Made of 18mm laminated solid plywood with PVC solid edging as the exposed face for storage cabinets & 18mm for Base Plinth mounted on rectangular tubes frame made of 2 mm MS epoxy powder coated.
 - Under Bench Module: Made of 18mm laminated solid plywood with PVC solid edging as the exposed face sheets. The shutter and drawer front should be made of 18mm laminated solid plywood. Sound deadening plastic bumpers to be used. The shutters are mounted to the modules by hinges, which are openable to 95 degree and self closing on return. Lockable roller bearing must used so that the drawer will not fall. The telescopic drawer slides are to be sturdy and able to take load up to 30kg weight. All modules to have lock and dual key arrangement.
 - Length: 120mm
 - Depth: 750 mm
 - Height: 900 mm Standing Height; 800 mm Sitting Height.
 - Leg/Knee Space area (LS): Knee space length to be 600 mm. Openable back cover panel. Provided with foot-rest.
- Switch & Sockets: *Electrical Socket with Piano switches type, 230 V, 5/15amp with wiring to coordinate with electrical contracts.*

LST001

Lab Stool

Premium specialty seating with ergonomic design.

- Five-leg base for overall support
- 18.5" wide contour poly-foam seat cushion for maximum comfort
- Adjustable contoured backrest
- 18" foot ring

PAC130

Packing Table

1. Working table equipped with two drawers (47x30x12 cm) each side, to work on both sides.
2. Stainless steel AISI 304 frame, structure made of square tubular, table top and lower shelf made of smooth stainless steel.
3. Mounted on 4 castors Ø 100 mm, two with brakes.
4. Weight 50 kg. Size 120x70xh 95 cm
5. Max load (x shelf): 40 kg
6. Delivered in kit form 122x35x72 cm

PANHLD-W Bed Pan Holder, wall mount

- Frame is powder coated to prevent rusting
- Wall mountable to offer a convenient storage option for bedpans

RAC196 RACK, X-ray lead apron

1. Wall mounted, apron hanger / rack for storage of lead aprons without causing strain points that might degrade or damage them
2. The unit shall be made of sturdy material, capable of supporting up to five adult, full size aprons (75 kg weight capacity or more)
3. The hangers shall fold to the right or left in storage position
4. Specify material and finish

RAC252 RACK, wrapping paper, mobile

1. Mobile unit for multi-roll wrapping paper dispensing and specifically designed and manufactured for use in the CSSD.
2. Stainless steel construction
3. The rack shall be able to hold rolls or sheets up to 90 cm wide.
4. The unit shall be made of steel and to have lockable casters.

REF082-1 Blood Bank Refrigerator, capacity 50 bags, stackable

1. Blood bank refrigerator with a capacity of 50 blood bags approximately
2. Independent, adjustable microprocessor-based temperature control system set at 4°C.
3. Temperature monitor that will display chamber temperature to the tenth degree Celsius, located at top of freezer.
4. Blood bank refrigerators will have factory-set high/low temperature alarms that can be reprogrammed. High and low limits will be displayed.
5. The blood bank refrigerator shall have enough storage rollout drawers with dividers, to allow for the maximum specified capacity.
6. Blood bank refrigerators will have an audible and visual alarm to alert for power loss and/or temperature deviation beyond set limits.
7. Audible alarms will not be defeatable or will have a corresponding visual indicator during a temporary alarm silence period.
8. Special features or modes and alarm settings should be easy to operate and understand.
9. The refrigerator will have a method to manually test alarms.
10. The temperature display shall be independent of the control circuitry so that malfunctioning control temperature sensing circuits can be detected.
11. Refrigerators should have a security locking system.
12. The refrigerators will not have sharp edges or protrusions. All external components and handles will be securely mounted.
13. The refrigerators will have an indicator to show that the unit is actuated and that power is being applied.
14. All alarms should be specific to the problem and will clearly indicate refrigerator status.
15. There will be no external control for changing temperature limits inadvertently during the refrigerators' use.
16. The refrigerators will have a seven-day temperature chart recorder.
17. The refrigerators should interface to the building management software (BMS).
18. The refrigerator shall have the following:
 - 18.1. SS interior is preferred
 - 18.2. Interior lighting
 - 18.3. Magnetic door gasket for positive seal
 - 18.4. Glazed double door (heated) design
 - 18.5. Locking castors, if available
19. The approximate external dimensions to be 1800 x 750 x 750 (mm) (HXDXW).
20. Refrigeration System

- 20.1. Hermetically sealed, air-cooled compressor.
- 20.2. Temperature probes monitor condenser and ambient temperature.
- 20.3. Non-CFC R134a refrigerant.
- 20.4. Forced air circulation maintains chamber uniformity of $\pm 1^{\circ}\text{C}$ and provides quick recovery.
- 20.5. Interior fans shut down when door is opened.
- 20.6. Automatic condensate evaporation system.
- 21. Refrigerator should meet the standards established by the AABB, ANRC, FDA and BSI for whole blood storage.
- 22. Refrigerator should be stackable with the plasma freezer specified in this tender

SCR055**Scrub Sink**

1. Supply and install a dual station surgical scrub sink that dispense water and soap for hand washing in Operation Theaters departments.
2. The surgical scrub sink shall have the following minimum features:
 - It shall have 2 washing bays
 - It shall be constructed from corian
 - The water valves shall be activated by an infrared sensor
 - It shall include a timed washing cycle, controlled by a programmable electronic timer (2- 20 minutes).
 - The basin shall be with ergonomic design to reduce the splashing of soiled water.
 - The basin shall incorporate a backsplash with gooseneck assembly with spray head
 - It shall have an automatically, thermostatically controlled mixing valves for water temperature control (up to 46°C).
 - The mixing valves shall automatically maintain the required water temperature even during water supply fluctuations in temperature and pressure.
 - It shall be delivered complete with all necessary hardware for mounting and connection to utilities
3. For approximate overall dimensions and mounting locations, Please, refer to enlarged detailed plans
4. The supplier shall coordinate with the client and electromechanical contractors for installation requirements (exact locations, power requirements, water and drain connections...etc).

STA101 STAND, lotion bowl, single, stainless steel

1. This section describes the requirements for a mobile single bowl stand. In general, this stand (with removable bowl) should be designed for use in the operating room, with the following features.
2. It shall accommodate a single SS bowl.
3. It shall be mounted on 5 anti-static swivel castors.
4. Maneuvering the unit should require minimal physical effort.
5. It shall be constructed entirely in 18/10 stainless steel.
6. Bowl Capacity: 5 Liter approximately.

STA102 STAND, 2 lotion bowls, stainless steel

1. This section describes the requirements for a mobile double bowl stand. In general, this stand (with removable bowls) should be designed for use in the operating room, with the following features.
2. It shall accommodate two SS bowls.
3. It shall be mounted on 5 anti-static swivel castors.
4. Maneuvering the unit should require minimal physical effort
5. It shall be constructed entirely in 18/10 stainless steel.
6. Each Bowl Capacity: 5 Liter approximately.

STA102-S**STAND, double cydex container, single, stainless steel****Characteristics**

- Configuration:
double
- Other characteristics:
stainless steel

Description

Bowls stand – double

in stainless steel AISI 304, tubular frame 30x30 - base with 4 antistatic wheels Ø 60 mm

2 stainless steel bowls Ø 330 mm - capacity 6 liters

Push-handle

Dim.: 785x500x805 h mm

TAB190 Sorting Table

1. Packing table with mains current electric power supply.
2. The table shall be designed for heavy-duty CSSD work, including sorting, wrapping and preparing items for sterilization. This will include the use of wire baskets and other hard containers, as well as wet articles.
3. The table dimensions shall be approx. 800 mm W x 1800 mm L
4. Top shall be made of 16 gauge, polished stainless steel (SS), with underlying reinforcement made of sound deadening material. All materials are corrosion-resistant and resistant to the common cleaning and disinfection products. The material is also UV and heat resistant.
5. The table shall be fitted with mains outlets and a top shelf structure.
6. The top structure shall be included within the offered table for the attachment of trays or baskets and for small material.
7. All edges on the top surface shall be folded down (5 cm) to prevent accidents to staff as well as handled materials. All corners and welded parts shall be polished (no sharp edges throughout).
8. The table shall possess full length reinforcement to provide a stable work surface
9. The table shall have under structure drawers with 3 drawers of approx. 120 mm high each. The drawers will have 600 mm width and 600 mm depth.

TAB200 Sorting & Packing Table

1. Packing table with mains current electric power supply.
2. The table shall be designed for heavy-duty CSSD work, including sorting, wrapping and preparing items for sterilization. This will include the use of wire baskets and other hard containers, as well as wet articles.
3. The table dimensions shall be approx. 1800 mm x 800 mm x 20 mm
4. Top shall be made of 16 gauge, polished stainless steel (SS), with underlying reinforcement made of sound deadening material. All materials are corrosion-resistant and resistant to the common cleaning and disinfection products. The material is also UV and heat resistant.
5. The table shall be fitted with mains outlets and a top shelf structure.
6. The top structure shall be included within the offered table for the attachment of trays or baskets and for small material.
7. All edges on the top surface shall be folded down (5 cm) to prevent accidents to staff as well as handled materials. All corners and welded parts shall be polished (no sharp edges throughout).
8. The table shall possess full length reinforcement to provide a stable work surface
9. The table shall have under structure drawers with 3 drawers of approx. 120 mm high each. The drawers will have 600 mm width and 600 mm depth.

TAB333 Folding Table**Adjustable Folding Tables**

- Set Folding Tables 5-15 cm (2-6 inch) below elbow height.
- Adjust Folding tables for different worker heights. If the table cannot be adjusted, raise them to tall workers and provide a safe raised platform for shorter workers.
- Folding tables with adjustable sides.
- When opened, the adjustable sides increase the working area of the table and hold larger pieces of laundry, making the folding process much easier.
- Shall have Folding arms to fold sheets and other linens.

TODTAB Toddler Toilet Seat Accessories

- 6 individually packaged seat covers in each pack.
- Provides a waterproof barrier between the toilet and your child.
- Oversized design provides maximum coverage by covering the sides and the front of the toilet.
- Soft non-woven fabric for comfort, coated with a layer of plastic to keep germs and wetness away.
- Stays on the toilet without any messy adhesive strips.

TRO133 TROLLEY, dressing/instrument, SS, buffered

The Dressing Cart should be designed to transport dressing supplies and instruments. It shall have the following features:

1. It shall not have side panels.
2. The top shelf shall have guard rails on three of the four sides.
3. Approximate overall dimensions (W x D x H): 750 x 450 x 900 mm with 4-leg frame construction.
4. It shall be made completely of chrome-nickel alloy steel, with high quality finish to assure durability.
5. It shall be corrosion resistant, disinfectant proof and easy to clean.
6. The cart should be able to withstand mechanical shocks encountered while moving over elevator and door thresholds or other discontinuities (e.g., hoses, cables). In addition, the cart should be able to cross the threshold at a variety of approach angles.
7. The cart should resist tipping over during use and transport.
8. The handle should be a full-width handrail on one end of the cart.
9. The cart should have one drawer and one bottom shelf with same characteristics as the top surface (guard rails).
10. It shall be mounted on 4 castors with the following features:
 - 10.1. Anti-static.
 - 10.2. Wear resistant.
 - 10.3. Approximate Diameter: 75 mm.
 - 10.4. Swivel.
 - 10.5. Non-discoloring to floors and other materials
 - 10.6. Castors shall have lint shields.
 - 10.7. Should have doors.
11. It shall have wall spacer rings just above the castors.
12. The trolley shall be supplied with a sharps container.

TRO133-C TROLLEY, dressing/instrument, SS, buffered, closed

The closed Dressing Cart should be designed to transport dressing supplies and instruments. It shall have the following features:

1. It shall not have side panels.
2. The top shelf shall have guard rails on three of the four sides.
3. Approximate overall dimensions (W x D x H): 750 x 450 x 900 mm with 4-leg frame construction.
4. It shall be made completely of chrome-nickel alloy steel, with high quality finish to assure durability.
5. It shall be corrosion resistant, disinfectant proof and easy to clean.
6. The cart should be able to withstand mechanical shocks encountered while moving over elevator and door thresholds or other discontinuities (e.g., hoses, cables).
In addition, the cart should be able to cross the threshold at a variety of approach angles.
7. The cart should resist tipping over during use and transport.
8. The handle should be a full-width handrail on one end of the cart.
9. The cart should have one drawer and one bottom shelf with same characteristics as the top surface (guard rails).
10. It shall be mounted on 4 castors with the following features:
 - 10.1. Anti-static.
 - 10.2. Wear resistant.
 - 10.3. Approximate Diameter: 75 mm.
 - 10.4. Swivel.
 - 10.5. Non-discoloring to floors and other materials
 - 10.6. Castors shall have lint shields.
 - 10.7. Should have doors.
11. It shall have wall spacer rings just above the castors.
12. The trolley shall be closed.

TRO133-W Wet Linen Trolley

Trolley: Polymer one piece molded construction

- Base: H-frame steel tubes
- Smooth obstruction-free interior
- Frontal cutaway
- Built-in hand holds
- Capacity: 48 cubic feet
- Drain holes on the bottom of the cart, with removable plugs
- Four 6 inch swivel, non-marking castors, two with brakes
- Approximate Dimensions (W x D x H): 1200 x 700 x 1500 mm

TRO136 TROLLEY, dressing, MAYO

1. The trolley shall be constructed of stainless steel, C shape for fitting over the OR table or surgical site.
2. The approx. dimensions of the table should be approx. W850 x D600 and variable height by means of a foot pedal or hand bar.
3. The top tray shall be removable with no attachments (sits on SS rectangular base).
4. It shall be made completely of stainless steel, with high quality finish to assure durability
5. It shall be corrosion resistant, disinfectant proof and easy to clean.
6. The cart should be able to withstand mechanical shocks encountered while moving over door thresholds or other discontinuities (e.g., hoses, cables).
7. The cart should resist tipping over during use and transport.
8. It shall be mounted on 4 castors with the following features:
 - 8.1. Anti-static.
 - 8.2. Wear resistant.
 - 8.3. Approximate Diameter: 75 mm.
 - 8.4. Swivel.
 - 8.5. Non-discoloring to floors and other materials.
 - 8.6. Castors shall have lint shields.

TRO181 TROLLEY, general purpose, 3 tier, buffered

1. The cart should be designed to transport supplies and instruments.
2. The cart shall not have side panels.
3. The top shelf shall have guard rails on three of the four sides.
4. The dimensions should be approximately 950H x 900W x 600D mm.
5. The cart should be made of stainless steel and with Door.
6. The cart shall be able to withstand the impact likely to be encountered during transport and cleaning. Such impact should not cause damage or dislodgment of shelves.
7. The cart should be able to withstand mechanical shocks encountered while moving over elevator and door thresholds or other discontinuities (e.g., hoses, cables). In addition, the cart should be able to cross the threshold at a variety of approach angles.
8. The cart should resist tipping over during use and transport.
9. The handle should be a full-width handrail on one end of the cart.
10. The cart should have a minimum of three shelves.
11. The cart should have one drawer.

TRO190**Trolley, CSSD, SS, Control & Packing**

1. The table trolley shall be designed for heavy-duty CSSD work, including loading and transporting of wrapped, processed and / or sterilized items. This will include the use of wire baskets and other hard containers, as well as wet articles
2. The table trolley shall support a weight capacity of 100 kg or more
3. The table dimensions shall be approx. 75 cm H x 75 cm W x 100 cm L
4. Top shall be made of 16 gauge, polished stainless steel (SS), with underlying reinforcement made of sound deadening material
5. All edges on the top surface shall be folded down (5 cm) to prevent accidents to staff as well as handled materials. All corners and welded parts shall be polished (no sharp edges throughout).
6. The table shall possess full length reinforcement to provide a stable transport surface
7. The table shall be mobile, with two swiveling and two fixed (non-swiveling), lockable casters.
8. Wheels should be made of durable, noiseless material and have a diameter ≥ 12.5 cm.
9. The trolley shall incorporate a surrounding guard rail to prevent accidental damaging bumps to department structures
10. The trolley shall incorporate handle push bar on one or more sides for easy maneuverability
11. The CSSD trolley should be closed/ with doors.

TRO202 TROLLEY, CSSD, SS, transport, Closed

1. Lockable, fully enclosed stainless steel trolley for heavy-duty CSSD work, including loading and transporting of wrapped, processed and / or sterilized items.
2. To incorporate three internal shelves.
3. The trolley shall support a weight capacity of ~ 100 kg.
4. The trolley overall dimensions shall be 1400 mm H x 600 mm W x 800 mm approximately.
5. Exterior shall be made of 16 gauge, polished stainless steel (SS), with underlying reinforcement made of sound deadening material.
6. All edges on surface shall be folded to prevent accidents to staff as well as handled materials. All corners and welded parts shall be polished (no sharp edges throughout).
7. The trolley shall possess full length reinforcement to provide a stable transport surface.
8. The trolley shall be mobile, with four swiveling, lockable casters. Wheels should be made of durable, noiseless material and have a diameter ≥ 12 cm.
9. The trolley shall incorporate a surrounding bumper guard to prevent accidental damaging bumps to department structures.
10. The trolley shall incorporate handle push bar on one or more sides for easy maneuverability.
11. To incorporate two hinged doors with opening capability through 270° with clip catches at top and bottom.

TRO205 TROLLEY, CSSD, SS, 3 shelves, closed

1. The trolley is designed for handling and transporting goods in modular sterilizing wire baskets and/or closed tote boxes, to increase efficiency and improve safety for the end user and transport staff, as well as the surroundings.
2. Approx size 900H x 600W x 600D (mm).
3. The distribution trolley is designed with horizontally mounted slide bars acting as grids for the baskets and/or tote boxes. A stainless steel base cover protects the goods during transport.
4. A sturdy handle is mounted at the bottom frame for convenient handling in narrow corridors.
5. The castors, rubber with ball bearings, have a diameter of 125 mm. Two of them are fixed type and 2 are swivel castors.
6. The distribution trolley is made of polished stainless steel and is in every respect designed to be easy to clean and disinfect, also in a cart washer-disinfector.
7. The cart should have three shelves and should be closed.
8. All available sizes of wire baskets to be listed and priced individually for client selection.

TRO207 TROLLEY, Carriage, Loading & Unloading

For the purpose of pre-sterilization, sterilization, and post-sterilization material handling in large floor mounted sterilizers. The Loading Car and Transfer Carriage have a stationary bottom shelf and adjustable upper shelves. Carriage consists of a framework with four rubber tire casters (two rigid and two swivels). Tracks are required within the sterilizer to guide loading car and to protect chamber's material. Tracks are of Monel metal bar stock extending from front to back of autoclave chamber floor.

CONSTRUCTION

Loading Car Assembled loading car consists of a framework, wheel subassemblies, and shelves.

- Frame – base is rectangular and constructed of formed corrosion resistant metal angles welded at the intersection of each corner. The base supports the bottom fixed shelf, the wheel attachments, and four corner vertical angles which support upper adjustable shelves.
- Wheel Assembly – loading car wheels are flanged bronze castings machined and plated. They mount on corrosion-resistant metal axles extending between cast bearing housings that are securely bolted to the loading car base. The axle turns in roller bearings.

Shelf Sets

Retainer bars on each side of the shelves provides load containment.

- Upper Shelves – shelves are made in two sections, full width and half length, and furnished with reinforced corrosion-resistant wire mesh. Adjustable horizontal guides support the shelves. Pin fasteners fit into key hole slots in the car vertical support. The vertical support slots provide the tracking for height adjustment. The 36 x 42 x 84" (914 x 1067 x 2134 mm) and 42 x 48 x 84" (1067 x 1219 x 2134 mm) cars have two upper shelves. The 48 x 54 x 84" (1219 x 1372 x 2134 mm) car has three upper shelves.
- Bottom Shelf – the car base supports the bottom fixed, full-length shelf and car wheel attachment. Shelf is furnished with reinforced corrosion-resistant mesh wire.

Transfer Carriage Framework is a rectangular supporting structure fabricated of steel channels welded at corner intersections. The underside is reinforced by steel channels which are also utilized for mounting adjustable supports for the casters. Tracks to receive the loading car wheels are made of rectangular steel bar stock welded topside of frame structure. The transfer carriage is painted gray.

- Caster Assembly – 8" (203 mm) diameter, rubber tire, rigid type on loading end and swivel type on the handle end. Casters are load rated for the specified loading

car. Adjustable mounting supports consist of formed unequal leg steel angles that bolt together to form adjustable channels. One channel leg bolts to the caster mounting plate, and one leg to the underside of the carriage framework.

- Locking Device – operates from the handle end of the transfer carriage. Hand lever is mounted on the carriage framework and controls a series of rods which connect to and operate two securing hook latches located on the loading end of this carriage. Latching device hooks onto the autoclave door frame and securely locks the carriage in position with the autoclave. Loading car is held in position on the transfer carriage during transportation by a locking device which hooks onto car wheel axle

TRO235 TROLLEY, contaminated linen, single ring, stainless steel

This section describes the requirement for a soiled linen cart. It shall have the following features:

1. It shall be constructed of Chrome Nickel steel frame.
2. It shall be capable holding one 60-liter linen bags.
3. It shall have a base plate for supporting the linen bags. The base plate shall be removable for easy cleaning.
4. It shall have a green plastic cover that is impact and scratch resistant.
5. It shall be mounted on 4 castors with the following features:
 - 5.1. Anti-static.
 - 5.2. Wear resistant.
 - 5.3. Approximate Diameter: 75 mm.
 - 5.4. Swivel.
 - 5.5. Non-discoloring to floors and other materials.
 - 5.6. Castors shall have lint shields.
6. Approximate overall dimensions (W x L x H): 400 x 600 x 900 mm.

TRO235-S TROLLEY, contaminated linen, single ring, stainless steel (for septic)

This section describes the requirement for a soiled linen cart. It shall have the following features:

1. It shall be constructed of Chrome Nickel steel frame.
2. It shall be capable holding one 60-liter linen bags.
3. It shall have a base plate for supporting the linen bags. The base plate shall be removable for easy cleaning.
4. It shall have a red plastic cover that is impact and scratch resistant.
5. It shall be mounted on 4 castors with the following features:
 - 5.1. Anti-static.
 - 5.2. Wear resistant.
 - 5.3. Approximate Diameter: 75 mm.
 - 5.4. Swivel.
 - 5.5. Non-discoloring to floors and other materials.
 - 5.6. Castors shall have lint shields.
6. Approximate overall dimensions (W x L x H): 400 x 600 x 900 mm.

TRO251 TROLLEY, medicine, epoxy coated, buffered

1. A portable pharmacy, allowing to manage treatment of patients in nursing units.
2. Each unit shall have two compartments small drawers for easy drug storage.
3. Painted steel frame, epoxy coated surface and panels.
4. Drawers can be completely closed by safety key lock.
5. Provided with 4 revolving castors Ø 125 (2 with brake).
6. Size approx 80 x 65 x 100 H (cm).

TRO267 TROLLEY, Phlebotomist

- Upper and lower shelves with protective rim on three sides
- Two sliding drawers on metal glide runners with 110% opening
- Handles at either end
- Swivel castor wheels (100mm), 2 braked
- Main panels made of reinforced plastic polymer

Optional Accessories

- Collection Bin: Stainless steel 330 x 110 x 240mm
- End support with 3 containers Stainless steel,
- container size 330 x 110 x 80mm
- Drawer Divider

TRO281 Patient Transfer Trolley

1. The stretcher shall incorporate a removable padded cushion covering the whole patient platform.
2. The cushion should be made of washable (water-proof) material that is capable of withstanding the abrasive cleaning and disinfecting materials used generally in the hospital.
3. The patient stretcher should mobile on four 20cm-diameter casters.
4. It shall be heavy duty and light weight.
5. Overall length: 210 cm.
6. Overall width: 85 cm.
7. The stretcher should be able to handle patient weights up to approximately 200 kg.
8. The stretcher should have an incorporated storage bin or tray.
9. The stretcher should have manually adjustable height and back/headrest.
Height range and max head elevation angle shall be provided.
10. Rails and bumpers should be provided on the stretcher to avoid impact and abrasion damage to the stretcher and wall surfaces, doorframes, furniture, and mobile equipment.
11. Bumpers should be located on each of the four corners of the patient platform; preferably the bumper will wrap around the entire perimeter of the stretcher.
12. The side rails shall fold down or tuck-away and be positively latched in the up position.
13. The stretcher shall incorporate an IV pole receptacle, located at the head section.
14. There shall be multiple drainage bag hooks located on each side of stretcher.
15. It shall have a central braking system; a single press of the brake bar shall lock all the wheels. Additionally, all four casters lock in two directions, not only one, for added patient safety. Specify which casters lock in the steer position.
16. The central brake and steer pedals shall be located on all 4 sides of the stretcher.

TRO282 TRAUMA Stretcher

The unit shall be designed for minor OR and PACU applications

91.2 It shall have the following features:

91.2.1 The frame shall be constructed of heavy-gauge steel or equivalent high quality material

91.2.2 Height adjustment and trendelenburg /anti-trendelenburg shall be operated electrically and/or hydraulically from both sides

91.2.3 Shall facilitate minimal gap between stretchers during patient transfer

91.2.4 With articulating head section and wrist rest

91.2.5 With removable arm-board extensions (left and right)

91.2.6 With accessory attachment rail

91.2.7 With 4 IV pole receptacles

91.2.8 With durable and non-marking roller bumpers in all corners

91.2.9 Weight capacity: 300 kg approximately

91.2.10 Height adjustment range: 55 to 85 cm approximately

91.2.11 Backrest elevation: 70° approximately

91.2.12 Trendelenburg /anti-trendelenburg: ±15° approximately

91.2.13 Knee elevation: 30° approximately

91.2.14 Overall stretcher size (LxW): 210 x 80 cm approximately

91.3 Mobility:

91.3.1 The unit shall include push handles

91.3.2 Shall include a fifth caster feature to enhance mobility and maneuverability at corners

91.3.3 Shall include a shock absorbing mechanism to maximize patient comfort

91.4 Side rail:

91.4.1 Shall be tuck-away type

91.4.2 With latching mechanism in the upper position

91.4.3 Side rail length: 120 cm approximately

91.4.4 Side rail height (when in upper position): 35 cm approximately

91.5 Casters and brake pedals

91.5.1 Caster size: 20 cm approximately

91.5.2 Include conductive casters (at least 2)

91.5.3 Finished with non-marking and noise preventing material when moving over PVC

91.5.4 With dual-locking brake and steer pedals in four sides

91.6 Mattress:

91.6.1 High density foam mattress

91.6.2 Fire retardant, conductive and disinfectable layer

91.6.3 Thickness: 12 cm approximately

91.6.4 Mattress size (LxW): 190 x 65 cm approximately

91.7 Accessories, the following shall be included:

91.7.1 IV pole with dual hooks

91.7.2 Collection device hook on both sides

91.7.3 X-ray cassette holder

91.7.4 Oxygen cylinder holder

91.7.5 Chart holder

91.7.6 Defibrillator tray

91.7.7 Restraint straps

91.8 The unit colors shall be chosen and approved by the client.

91.9 The unit shall be CE marked and/or FDA approved.

TRO285 TROLLEY, Bassinet COT – Baby

1. The bassinet shall be a transparent unbreakable plastic cradle with edges and ventilation holes it shall fit all standard bassinet holders. The bassinet shall have front and back handgrips. The bassinet shall have a name plate holder.
2. The mattress shall be durable and easy to clean material. It shall fit snugly in the bassinet without gaps between it and the sides.
3. The cart shall be constructed of a material that is durable and easy to clean. Epoxy powder painted mainframe made of laminated curved and welded steel.
4. Legs fitted with 4 castors Ø 80 mm, two with brakes.
5. Dimensions approx. 85x50x90 h. cm

TRO291 ROLLER BOARD, patient transfer

1. Ideal for use for transferring patients from OR tables to stretchers, transferring patients from stretchers to hospital beds.
2. The pad must be Latex free.
3. It shall have no Rollers - Less traumatic static-free transfer for patients.
4. It must be comfortable - Soft but sturdy board with foam core is easy on patients.
5. It shall be lightweight - No lifting required, even with your heaviest patients.
6. It shall be radiolucent - You can image with the board under the patient.
7. It shall have straps for carrying on the shoulder and keep the hands free.
8. It must be resilient and sturdy made of highly durable material and easy to clean.
9. It shall be able to stand a patient weight of 250Kg

TRO312 TROLLEY, emergency/resuscitation

The cart shall possess the following features:

1. Heavy-duty, using powder coated steel material, with double wall construction. List all available colors.
2. Overall (approximate) dimensions: 110 cm H x 75 cm W x 55 cm D
3. Light weight (specify weight)
4. Mobile, with two swiveling and two fixed (non-swiveling), lockable casters. Wheels should be made of durable material and have a diameter ≥ 12.5 cm. Provide detailed specifications.
5. The cart shall incorporate a surrounding guard rail on all sides of top surface except the front
6. The cart shall incorporate handle push bars on both sides for easy maneuverability
7. The cart shall incorporate a SS IV pole with variable height and double (opposing) hooks
8. The cart shall have a plastic (white or creamy) scratch resistant working surface with approximately 70 cm D x 50 cm W dimensions
9. The working surface should be able to accommodate a defibrillator / monitor and additional space for other tasks such as drug dispensing, etc.
10. The offer shall include two medication trays specifically designed as accessories for the offered cart. Specify dimensions and material.
11. The cart shall incorporate a waste and sharps disposal containers that are easily accessible during CPR procedures
12. The cart shall incorporate soft perimeter bumpers designed to absorb motion-related shocks of impact
13. The cart shall incorporate six drawers to be used for resuscitation and defibrillator accessories and possessing the following (approximate) depths:
 - 13.1. Four drawers ~ 8 cm height
 - 13.2. One drawers ~ 15 cm height
 - 13.3. One drawers ~ 30 cm height
 - 13.4. All drawers should be lockable (independently) with plastic disposable breakaway seals.
 - 13.5. All drawers shall include adjustable dividers (minimum six compartments per drawer that can be varied according to user preference)
14. The cart shall include an easily accessible CPR backboard made of hard, durable and washable material. The backboard shall incorporate two hand ports on each side.

WOR050 WORKBENCH, CSSD, SS

1. The table shall be designed for heavy-duty CSSD work, including sorting, wrapping and preparing items for processing. This will include the use of wire baskets and other hard containers, as well as wet articles
2. The table shall support a weight capacity of 350 kg or more
3. The table dimensions shall be approx. 900H 1600W 650D (refer to drawings for exact dimensions and location)
4. Top shall be made of 16 gauge, polished stainless steel (SS), with underlying reinforcement made of sound deadening material
5. All edges on the top surface shall be folded down (5 cm) to prevent accidents to staff as well as handled materials. All corners and welded parts shall be polished (no sharp edges throughout).
6. The table shall possess full length reinforcement to provide a stable work surface
7. The feet shall have rubber or plastic caps at their ends with screw in / out level adjustment capability of around 25 mm on each leg
8. The table under-structure shall incorporate a shelf having similar specs and length to that of the table top surface; except for the edges which shall be folded up to prevent material from tripping off.
9. The under shelf shall be positioned at approximately 30 cm above floor level, providing the function of a support frame connecting all legs in addition to extra storage space.
10. The under table shelf shall be made of the same material as the work surface.

WOR055 WORKSTATION TABLE, CSSD, linen inspection

1. The table shall be designed for sorting and inspection of linen and folding of surgical dressing sets and single packed towels/gowns.
2. The inspection process is accomplished by moving each piece of linen over an illuminated inspection panel
3. The work surface shall be made of scratch resistant, plastic laminate made of a soft white color, bonded on a wood based core material.
4. The wood-based core material shall be polished to a smooth quality around all edges.
5. The table frame shall be made of powder coated mild steel.
6. The top shall incorporate a built-in opal plastic plate, illuminated from underneath by two fluorescent tubes (25 Watts each).
7. The fluorescent tubes are recessed under the top with a laminated hatch.
8. The table shall incorporate two electrical switches, one on each side of the table.
9. The table shall support a weight capacity of 100 kg or more
10. The table dimensions shall be 900 mm H x approximately 1100 mm W x 1500 mm L.
11. The illuminated panel dimensions shall be approximately 500 mm W x 1000 mm L, starting approximately 250 mm from the front edge of the table.
12. The table shall possess full length reinforcement to provide a stable work surface
13. The feet shall have rubber or plastic caps at their ends with screw in / out level adjustment capability of around 25 mm on each leg
14. The table under-structure shall incorporate a shelf having similar specs and length to that of the tabletop surface but without an illuminated panel.
15. The under shelf shall be positioned at approximately 30 cm above floor level, providing the function of a support frame connecting all legs in addition to extra storage space.
16. The under table shelf shall be made of the same material as the work surface.