



سماواتنا لله

# UNGOOFAARU REGIONAL HOSPITAL



Raa-Ungoofaaru, Republic of Maldives



## Annex1: Requirement and specifications




### Requirement:





#### Category 1 – Hospital furniture




Item no	Requirement	Quantity
1.	Emergency cart	3
2.	Transport stretcher bed	9
3.	Bed with CPR function	3
4.	Sample collection chair	1
5.	Hospital Wheel chair	7
6.	Transport Wheel chair	3
7.	Laundry linen cart	5
8.	Closed trolley for clean/waste utility	2
9.	Aluminum wardrobe	4
10.	SS IV stand	14
11.	Dressing trolley	8
12.	Medical lab trolley	8
13.	Medical lab trolley with bowl	8
14.	Mayo trolley	8
15.	Bed side locker	15
16.	Cardiac table	5
17.	Medicine trolley	2
18.	Double lock narcotic cupboard	1
19.	Foot operated dust bin	3
20.	Surgical Stretcher	1
21.	Linen hamper	2
22.	Plastic storage cabinet	2

## Category 2 – instruments and consumables

Item no	Requirement	Quantity	sample picture
23	<p><b>Dressing set with following items</b></p> <ul style="list-style-type: none"> <li>• Kidney Dish 20 cm (8") - medium</li> <li>• Gallipot 150 ml - 6 oz - medium</li> <li>• Kocher artery forceps - straight - 16 cm</li> <li>• Dressing Forceps (Thumb) - 16 cm</li> <li>• English TOE dissecting forceps - plain - 14 cm</li> <li>• Mayo scissors - straight - 15 cm</li> <li>• Rampley sponge holding forceps - str. - 18 cm</li> <li>• Instrument tray with lid 25 x 30 x 6.2 cm</li> </ul>	5	
24	<p><b>Suturing set with following items</b></p> <ul style="list-style-type: none"> <li>• Kidney Dish 20 cm (8") - medium</li> <li>• Gallipot 150 ml - 6 oz - medium</li> <li>• Mayo Hegar needle holder - 18 cm</li> <li>• Kocher artery forceps - straight - 16 cm</li> <li>• Kocher artery forceps - curved - 16 cm</li> <li>• Dressing Forceps (Thumb) - 16 cm</li> <li>• English TOE dissecting forceps - plain - 14 cm</li> <li>• Dissecting forceps toothed 1x2 - 14 cm</li> <li>• Suture scissors - Heaths Ligature - 15 cm</li> <li>• Mayo scissors - straight - 15 cm</li> <li>• Rampley sponge holding forceps - str. - 18 cm</li> <li>• Instrument tray with lid 30 x 20 x 5 cm</li> </ul>	5	
25	<p><b>Catheterization set with following items</b></p>	3	

	<ul style="list-style-type: none"> <li>• Instrument tray with lid 25 x 30 x 6.2 cm</li> <li>• Kidney Dish 20 cm (8") - medium</li> <li>• Gallipot 150 ml - 6 oz - medium</li> <li>• Instrument tray with lid 25 x 30 x 6.2 cm</li> <li>• Artery Forcep: Staright</li> </ul>		
26	Pestle and mortar	2	
27	Tablet cutter	5	
28	Reusable Ambu bag set with reservoir, infant <ul style="list-style-type: none"> <li>• Bellow: 250 mL</li> <li>• Reservoir: 600 mL</li> <li>• Mask size: #0</li> </ul>	10	

29	<p>Reusable Ambu bag with reservoir, child</p> <ul style="list-style-type: none"> <li>• Bellow: 500 mL</li> <li>• Reservoir: 2600 mL</li> <li>• Mask size: #1</li> </ul>	10	
30	<p>Reusable Ambu bag with reservoir, medium adult</p> <ul style="list-style-type: none"> <li>• Bellow: 750 mL</li> <li>• Reservoir: 2600 mL</li> <li>• Mask size: #2</li> </ul>	10	
31	<p>Reusable Ambu bag with reservoir, adult</p> <ul style="list-style-type: none"> <li>• Bellow: 1500 mL</li> <li>• Reservoir: 2600 mL</li> <li>• Mask size: #4</li> </ul>	10	
32	<p>Proctoscope</p> <ul style="list-style-type: none"> <li>• Both pediatric and adult size required</li> </ul>	5	

33	Rectal speculam	5	
34	Foreign body removal kit <ul style="list-style-type: none"><li>Tools for removing nasal and ear foreign bodies</li></ul>	2	
35	Tourniquet	15	

## Technical specifications:

### Item 1: Emergency cart



- Construction Aluminum base
- Material Top and side made by PP antibacterial and fire-retardant material.
- Should be easily mobile with good braking system
- Transparent top with strong glass preferred
- Minimum 5 drawers should be available.
  - 3 small drawers with removable bins
  - 1 medium deep drawer
  - 1 Large deep drawer
- Protective bumper should be available all the corners
- Push handle should be available
- Should have the following accessories and provisions for them
  - Cardiac board
  - IV drip pole
  - Swingable defibrillator tray
  - Catheter container

Holder for waste bin  
Bracket for oxygen cylinder

### **warranty and Documentation**

- Contact details of both local supplier and manufacture for service and maintenance and must be provided.
- Should have at least 24 months warranty from the date of delivery

### **Item 2: Transport stretcher bed**



- 360° maneuvering with Steering system
- Simple-to-activate braking and steering pedal
- Should have minimum 600 lb weight capacity
- Compatibility with most lifts and overbed tables
- Easy-to-clean, smooth deck and siderail design
- Power washable
- Approximate Overall length 83" (210.8 cm)
- Approximate Overall width (siderails up) 32" (81.3 cm) or 36" (91.4 cm)
- Approximate Floor to base clearance 3.5" (8.9 cm)
- Should have minimum 1-year warranty from the date of installation

### **Item 3: Bed with CPR function**



- The system must have electrically operated five function and adjustable height and tilt. It must also have option for CPR positioning and a radio translucent top for carrying out X-Ray at the Bedside.
- The bed must have an open-architecture design for quick and easy cleaning, helping to reduce the risk of infection.
- Must have retracting side rails to prevent patient entrapment and falls.
- Must have zero gaps for safe and easy patient transfers.
- must have actuator control for movement(Including CPR positioning) with hand control (remote control) and Side rail embedded patient control
- Must have back rest rising 0 to 75°
- Must have knee rising from 0 to 45°
- The under-bed clearance approx 5.5”
- Must have Trendelenburg 0 to 15° and reverseTrendelenburg0 to 15°.
- Must have angle indicator on side rail for trend and reversetrend.
- Must have central Brakes system accessible from all four corners of the bed.
- Must have dual sides Manual CPR and electric CPR
- Should have four corners crash bumper, One handed release split side rail and Total lock castors



- Must have 4 positions IV Pole holder
- must have battery backup facility for electric functionality
  
- Dimensions of bed:
  - Overall Length: Approx 220cm
  - Overall Width: Approx 105cm
  - Auto regress on backrest: Approx 10cm
  - Auto regress on leg: Approx 10 cm
  
- Height: Approx.40 – 80cm
- The working load capacity of unit should be at least 250Kg.
- Shall provide with one, four section mattress of suitable dimensions with washable cover of good quality. The mattress must be made of high density PU foam of 12cm thickness with Anti-Microbial agent incorporated into all components. Mattress must be fully radiolucent for ease in performing X-rays
- **Accessories and consumables:**  
All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above)
  
- **Power Supply**

1. Power input to be 220-240VAC, 50Hz fitted 13Amp plug.

- **Standards, Safety and Training**

1. Should be FDA/CE approved product
2. The unit and the accessories must be supplied with one year of warranty starting from the date of installation.

- **Documentation**

- User/Technical/Maintenance manuals to be supplied in English.
- List of important spare parts and accessories with their part number and costing.
- Contact details of both local supplier and manufacture for service and maintenance and must be provided

#### **Item 4: Sample collection chair**



- Should be of SS frame construction
- Backrest, armrest and leg rest should be adjustable
- Armrest also should be cushion padded
- Should be mobile with casters and brakes
- Should have tiltable backrest
- Chair dimension should be suitable for pediatric and adult patients
- Approximate overall chair dimension: 900(W) x 800(D) x 1150(H)
- Weight capacity not less than 150Kg

## **warranty and Documentation**

- Contact details of both local supplier and manufacture for service and maintenance and must be provided.
- Should have at least 12 months warranty from the date of delivery

## **Item 5: Hospital Wheel chair**



- Should be Standard weight, folding wheelchairs constructed with high-strength steel
- Should not require any assembling
- Should come with comfortable and light weight upholstery
- Should facilitate easy operation with braking system
- Should have the provision for IV stand and suitable IV stand should be supplied if given order
- Should be dual axle type
- Back height: Minimum 16”
- Swing away type leg rest
- Overall height: 30” (or of any comfortable range)
- Seat depth: not less than 16”
- Seat width: 18”- 20”
- Weight capacity not less than 130Kg

## **warranty and Documentation**

- Contact details of both local supplier and manufacture for service and maintenance and must be provided.
- Should have at least 24 months warranty from the date of delivery

**Item 6: Transport wheel chair:**



- **Foldable transport wheel chair**
- Should not require any assembling
- Should come with comfortable and light weight upholstery
- Should facilitate easy operation with hand braking system
- Overall height: 30" (or of any comfortable range)
- Seat depth: not less than 16"
- Seat width: 18"- 20"
- Weight capacity not less than 130Kg

**warranty and Documentation**

- Contact details of both local supplier and manufacture for service and maintenance and must be provided.
- Should have at least 24 months warranty from the date of delivery

### **Item 7: Laundry linen cart**



- Should be made of SS
- Should have two doors with three or more shelves
- Should be easily mobile on four swivel wheels with braking system
- Storage capacity : 700L / 80Kg

### **Item 8: Closed trolley for clean/ waste utility**



- Should be made of SS
- Should have two doors with three or more shelves
- Should be easily mobile on four swivel wheels with braking system

### **Item 9: Aluminium wardrobe**



- Aluminium wardrobe with four or more adjustable shelves

- Should have an lockable door made of toughened thick glass
- Legs should be powder coated
- Should be spacious

### **Item 10: SS IV stand**



- Should be two-piece design with an approximate diameter or 1”
- Height should be easily adjustable (Approx. 60” – 100”) either by turning knob or release lock type
- Should have a 5-leg base with swivel casters
- Should have four hook top with SS finishing
- Should hold weight up to 9 kg

### **Item 11: Dressing trolley**



- Should be made of anti-corrosion high quality SS
- Should be of 2 or 3 platform designs
- All platforms should have SS guard rails of 4 sides
- Should have a drawer for keeping files and records

- Should have provision for waste basket
- Suitable SS basket should be supplied
- Should be easily mobile on high quality castors

### **Item 12: Medical lab trolley**



- SS/ Chrome plated frame work
- Should have two shelves with 3 side rail guard on the top and raised edges for bottom shelf
- Should be easy to clean, corrosion and stain resistant
- Mobile on four casters

### **Item 13: Medical lab trolley with bowl**



- SS/ Chrome plated frame work
- Should have two shelves with 3 side rail guard on the top and raised edges for bottom shelf
- Should be easy to clean, corrosion and stain resistant
- Mobile on four casters
- Should have provision for keeping a bowl and a bucket
- Compatible SS bowl and bucket should be supplied

#### **Item 14: Mayo trolley**



- SS/ Chrome plated frame work
- Should have a SS tray
- Should be easy to clean, corrosion and stain resistant
- Mobile on four casters
- Height should be adjustable: Approx. : 800-1200 mm
- Tray Approx Dim (mm): 490(W) x 320(D)

#### **Item 15: Bed side locker**



- Should be of ABS injected frame
- Shall have a sliding tray, a drawer and a cabinet with door having one or 2 shelves
- Should have towel hangers on both sides
- Should be easily mobile on 4 casters
- Approx Dim(mm): 460(W) x 490(D) x 865(H)



### Item 16: Cardiac table



- Top should be made of a rust-resistant and durable material
- Height should be adjustable with an approximate range 70 – 100 cm
- Approximate top dimension: (L x W = 78 cm x 39 cm)
- Easily mobile with 4 casters
- 

### Item 17: Medicine trolley



- Construction: Aluminum base
- Body Material: Top and side made by PP antibacterial and fire-retardant material.
- Knocking mechanism: Manual control, break knock system.  
For Knocking press and turn up to holder.  
For opening turn down to the holder.
- Drawers: 2 pcs 70 mm, 2 pcs 160 mm and 1 pcs 250 mm total 5 drawers.

- Separators mat: ABS plastic 10 or more.
- Approximate Drawer dimensions: 1. and 2. drawers: 445 x 545 x 70 mm  
3. and 4. drawers 445 x 545 x 1600 mm  
5. drawers 445 x 545 x 2500 mm

### **Approximate Inner dimensions.**

- Inside Drawers: Made by PS material
  1. drawer total 20 separators.
  2. drawer total 18 separators.
  3. drawer total 9 separators.
  4. drawer total 8 separators.
  5. drawer total 8 separators.
- Top Surface dimensions: 590×500 mm
- Drug compartments: Should have at least 10 drug compartments on the on the trolley integrated IV pole.
- IV hook: Stainless steel Iv pole 20 mm adjustable, double hook
- Waste bin: Made by PE material 500 x 160 x 370 mm.

### **Item 18: Double lock narcotic cupboard**



- Approximate Dimensions: 16"H x 12"W x 9"D
- Should have double locking protection with two locks
- Should have High security pick-resistant tubular locks, keyed separately with two keys per lock included
- Should have Predrilled holes for mounting on a wall, cabinet or other solid surface

- Five years warranty against manufacturer defect

### **Item 19: Foot operated dust bin**



- Should be made of SS and foot operated
- Should have Strong plastic inner bucket - easy to clean and to remove the bin liner.
- Sturdy carrying handle - easy to move the bin

### **Item 20: Surgical Stretcher**



- Overall length 92" (233.7 cm)
- Overall width (siderails up) 32" (81.3 cm)
- Maximum weight limit 700 lb (317.5 kg)
- Floor to base clearance 3.5" (8.9 cm)

**Expected approximate dimensions:**

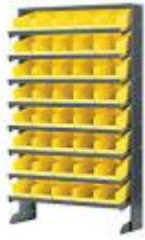
- Overall Length 92" (233.7 cm)
- Maximum Width (Siderails Up) 32" (81.3 cm)
- High/Low Position 33.25" (84 cm)/ 21.5" (54.6 cm)
- Siderail Length 47" (119.4 cm)
- Siderail Height Above Sleep Deck 14.5" (36.8 cm)
- Maximum Trend/Reverse Trend 18°
- Maximum Head Elevation 70°

**Item 21: Linen hamper**



- Should be tubular steel with chrome finish.
- Should be mobile on casters with brake
- Should have two hampers with foot activated door






**Item 22: Plastic storage cabinet**












- Bins should be made of strong plastic material
- Frame made of SS or aluminium
- Maximum height should be 6 ft.
- Provision for minimum 20 Bins
- Bin size should be suitable for keeping hospital consumables like syringes and tools

**Instrument sets in category 2 should include (Not limited to) the following items**






<b>Name</b>	<b>sample picture</b>
Kidney dish 20 cm (8") – medium	A photograph of a stainless steel kidney dish. It is a shallow, oval-shaped metal tray with a smooth, reflective surface. The dish is shown from a slightly elevated angle, highlighting its curved shape and the rim.






<p>Gallipot 150 ml - 6 oz - medium</p>	
<p>Mayo hegar needle holder - 18 cm</p>	
<p>Kocher artery forceps - straight - 16 cm</p>	
<p>Kocher artery forceps - curved - 16 cm</p>	
<p>Dressing forceps (thumb) - 16 cm</p>	

<p>English toe dissecting forceps - plain - 14 cm</p>	
<p>Dissecting forceps toothed 1x2 - 14 cm</p>	
<p>Suture scissors - heaths ligature - 15 cm</p>	
<p>Mayo scissors - straight - 15 cm</p>	
<p>Rampléy sponge holding forceps - str. - 18 cm</p>	

<p>Instrument tray with lid 30 x 20 x 5 cm</p>	
<p>Instrument tray with lid 25 x 30 x 6.2 cm</p>	
<p>Artery forceps: straight 16 cm</p>	
<p>Dressing forceps (thumb) - 16 cm</p>	



<p>Mayo scissors - straight - 15 cm</p>	
<p>Ramsey sponge holding forceps - str. - 18 cm</p>	
<p>Perianal care bowl</p>	
<p>Sponge holding forceps</p>	
<p>Allies tissue forceps 15.5 cm</p>	
<p>Mosquito forceps</p>	

Artery forceps: curved 16 cm	 A pair of curved artery forceps with long, thin jaws and two circular handles.
Suture cutting scissors	 A pair of suture cutting scissors with long, thin jaws and two circular handles.
Tissue cutting scissors: curved	 A pair of curved tissue cutting scissors with two circular handles.
Rectal speculum	 A rectal speculum with a cylindrical handle and a bulbous end.
Needle holding forceps	 A pair of needle holding forceps with long, thin jaws and two circular handles.