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UNGOOFAARU REGIONAL HOSPITAL



Raa-Ungoofaaru, Republic of Maldives

Annex1: Requirement and specifications

Item no	Requirement	Quantity
1.	RF cautery machine	1
2.	Suction apparatus	5
3.	Cautery machine	2
4.	CPR bed	1
5.	Electrical examination table	3
6.	Video laryngoscope	2
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18.	Digital Thermometer	8
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21.	Examination light with rolling stand	3
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23.	otoscope	5
24.	ophthalmoscope	3
25.	Weighing scale	5
26.	Wall mount diagnostic set	3

Specifications

Note: Shown pictures are only for equipment identification

Item 1: RF Cautery machine: Used for cutting, coagulating and removing soft tissues. Used mainly for dermatological applications



- **Specifications:**
- Should be Micro controlled with Digital Display
- Frequency 0.5 – 2.5 MHz or better
- Should be Portable with weight not more than 3Kg
- Should have Selector Switch for Coag / Cut
- Should have fulguration as an optional feature
- Power Output:
 - Cut: 120 Watts on 400 ohm or better
 - Coagulation: 100 watts on 400 ohm or better
 - Bipolar: 80 watts on 100 ohm or better
- Should have foot switch and hand switch activation

- **Accessories:**
- Monopolar Hand piece – 2 Nos
- Mono polar cable – 2 Nos
- Mono polar electrodes of variable shapes – 1 Set
- Bipolar cable – 2Nos
- Bipolar handpiece – 2 Nos
- Patient plate with cable – 2 Nos
- Hand witch – 1 Nos

Power supply:

- Power input to be 220-240 VAC, 50Hz fitted with 13A plug .

Standards, Safety and Training

- a. Should be FDA/CE approved product
- b. The unit and the accessories must be supplied with 1 year warranty starting from the date of installation.
- c. Application training for doctors should be given within 2 months after installation

Documentation

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

Item 2: Suction apparatus:



It shall be used to remove/evacuate soft tissue and fluids from various parts of the Body.

1. The suction unit shall possess (or exceed) the following technical specifications:
 - Single rotary pump type
 - Vacuum pressure from 0 to 1 bar at least, with an easy to read negative pressure gauge indicating actual pressure.
 - Low noise operation
 - Incorporated bacteria filter (specify type) with 10 numbers.
2. Standard accessories should be listed in details with part number and quantities.

Power Supply

- Power input to be 220-240VAC, 50Hz fitted 13Amp plug.
- Should have DC Input
- Should have battery backup with which machine can be ran for at least 1 Hr

Standards, Safety and Documentation

- Should be FDA/CE marked
- User/Technical/Maintenance manuals to be supplied in English.
- List of important spare parts and accessories with their part number and costing.

Warranty:

- 12 months from date of installation and commissioning

Item 3: Cautery machine: Used for cutting tissues and coagulate bleeding during surgeries



1. Microcontroller based isolated Electrosurgical Generator having both Monopolar and Bipolar outputs designed for all surgical procedures.
2. Smart generator should be able to monitor changes in tissue impedance continuously and adjusts power.
3. Monopolar outputs should have three cutting modes:
 - a. Low cut for delicate tissue or Laparoscopic cases having maximum power of 300w.
 - b. Pure cut for clean, precise cut in general surgery having maximum power of 200W.
 - c. Blend mode for cutting with homeostasis having maximum power of 200WAll cut modes should be able to adjust output power depending on tissue density by less than 15% or 5W, whichever is greater.
4. It should have three Coag Modes with maximum power of 120W
 - a. Desiccate mode for low voltage contact coagulation suitable for Laparoscopic and delicate tissue work.
 - b. Fulgurate mode for efficient non-contact coagulation in most applications.
 - c. Spray mode should have randomized spray effect of varying amplitude and frequency for coagulating large tissue areas with minimum depth of necrosis.
5. It should have three bipolar modes with maximum power of 70W
 - a. Precise mode have fine control of desiccation in delicate tissue.
 - b. Standard mode for applications at low voltage to prevent sparking.
 - c. Macro mode for applications on tissue with high resistance.
6. It should have patient plate monitoring facility and should give audiovisual alarm and deactivate output if contact between patient and patient plate is not proper to eliminate the risk of patient burns.
7. The unit should have two hand switching and Footswitch Monopolar outputs and one hand switching and foot switching bipolar output.

8. It should have membrane keyboard for power settings.
9. The unit should have individual digital display of power for Bipolar, Monopolar cut and Monopolar Coag.
10. The unit should not have RF Leakage current more than 150Ma

- **Accessories:**

- a. Monopolar Footswitch: - 02 No.
- b. Bipolar Footswitch: - 01 No.
- c. Reusable hand switching Pencil: - 02 Nos.
- d. Reusable Patient Plate: - 02 nos.
- e. Bipolar Forceps: - 02 No.
- f. Forceps Cord: - 02Nos.
- g. Universal Adaptor: - 01No.

Power supply:

- Power input to be 220-240 VAC, 50Hz fitted with 13A plug.

Standards, warranty and Training

- g. Should be FDA/CE approved product
- h. The unit and the accessories must be supplied with one year warranty starting from the date of installation.
- i. Application training for doctors should be given within 2 months after installation

DOCUMENTATION

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

Item 4: CPR Bed



- 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° approx
- Must have knee rising from 0 to 45° approx
- The under-bed clearance approx. 5.5" approx
- Must have Trendelenburg 0 to 15° and reverse Trendelenburg 0 to 15°.
- Must have angle indicator on side rail for trend and reverse trend.
- 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 200Kg.
- 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 5: Electrical examination table: A powered platform with the ability to raise and lower either the entire table or individual parts in order to position and support patients during medical examinations and/or treatments using a foot or hand control



- Should be electrically adjustable
- Should have remote or footswitch control
- Should be ergonomic and of modern design
- Two section design
- Examination should be possible even in standing position
- Height and headrest should be adjustable
 - Head rest adjustment from -27° up to $+40^{\circ}$ approx
 - Height: Max.: 980 mm (38.6 in) approx
 - Min.: 580 mm (22.8 in) approx
- Trendelenburg- and Anti-Trendelenburg adjustment from -22° up to $+22^{\circ}$ should be available
- Minimum length: 75 inches
- Minimum width: 25 inches

- **Power Supply:**
 - Line voltage 220-240AC, 50-60Hz and fitted with a 13amp plug.
- **Standards, Safety, Warranty and Training**
 - Should be FDA/ CE marked product
 - Application training must be provided to the users.
 - Should be provided 12 Months warranty 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 are must

Item 6: Video laryngoscope



- Fiber optic Laryngoscope with LCD (Or better) Display
- Monitor should be attached to the handle
- Should support both disposable and reusable blades
- Should have provision to insert all sizes of endotracheal tube
- Should have a provision to introduce all sizes of suction catheters
- The main body of the handle should incorporate an excellent grip
- Should have an LCD screen of minimum size 3" Full View, Resolution Ration 640x480 RGB, Aspect Ratio 4:3 or better
- Should support both disposable and reusable blades
- Reusable blades to be surgical grade stainless steel and autoclavable Supplied in protective case
- Should be light weight
- **Accessories:**
- Miller blades of size 0,1
- Macintosh blades of all sizes
- If the blades are disposable, should supply 50nos. of blades compatible for both adult and pediatric along with each unit.
- If light source is of replicable lamps, spare lamps has to be provided
- **Power Supply:**

- Should have rechargeable batteries with minimum 1Hr backup
- Should provide extra batteries
- **Standards, Safety, Warranty and Training**
- Should be FDA/ CE marked product
- Application training must be provided to the users.
- Should be provided 12 Months warranty from the date of installation.
- Manufacturer standard biomedical technical must be given to URH Biomedical Engineers within one year 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 are must

Item 7: Aneroid BP apparatus



- Mobile (Aneroid) sphygmomanometer used to manually measure patient's blood pressure.
- Aneroid blood pressure gauge of sufficient size, with scale ranging from 0 to 300 mmHg, with clear dial, numbers, and face
- The cuff, gauge, and bulbs should be made of heavy-duty materials that withstand harsh environment.
- The bulb should have a metal air release valve.
- Cuff sizes: 3 sizes, adult (L and XL) and pediatric, one of each must be included.
- Spare cuff (of each size) and bulb with regulator must be provided.

- Standard accessories shall be included
- Shall be CE marked and/or FDA approved.

- **Trainings and Warranty:**

- The unit and the accessories must be supplied with one year of warranty.

Item 8: Macintosh laryngoscope full set

- Blades of all sizes should be supplied (Infant – Adult)



- The unit and the accessories must be supplied with one year of warranty.

Item 9: McCoy laryngoscope full set



- Blades of all sizes should be supplied (Infant – Adult)
- The unit and the accessories must be supplied with one year of warranty.

Item 10: Stethoscope: pediatric (Littman)



- Bell and diaphragm type
- Tight and soft sealing ear tips
- Diaphragm should be tunable
- Chest piece material: stainless steel
- Spare ear tips, diaphragm and ring has to be provided

Standards, Safety and Warranty

- Should be a CE / FDA Approved product and should have ISO standards
- Warranty of 12 months from the date of handing over or installation and commissioning

Item 11: Stethoscope: pediatric cardio 3 (Littman)



- Bell and diaphragm type
- Tight and soft sealing ear tips
- Diaphragm should be tunable
- Chest piece material: stainless steel

- Spare ear tips, diaphragm and ring has to be provided

Standards, Safety and Warranty

- Should be a CE / FDA Approved product and should have ISO standards
- Warranty of 12 months from the date of handing over or installation and commissioning

Item 12: Stethoscope: adult (Littman)



- Bell and diaphragm type
- Tight and soft sealing eartips
- Diaphragm should be tunable
- Chest piece material: stainless steel
- Spare eartips, diaphragm and ring have to be provided

Standards, Safety and Warranty

- Should be a CE / FDA Approved product and should have ISO standards
- Warranty of 12 months from the date of handing over or installation and commissioning

Item 13: Stethoscope: adult cardio 3 (Littman)



- Bell and diaphragm type
- Tight and soft sealing eartips
- Diaphragm should be tunable

- Chest piece material: stainless steel
- Spare eartips, diaphragm and ring have to be provided

Standards, Safety and Warranty

- Should be a CE / FDA Approved product and should have ISO standards
- Warranty of 12 months from the date of handing over or installation and commissioning

Item 14: Fingertip pulse oximeter - pediatric



- Continuous non-invasive monitoring of functional oxygen saturation (SpO₂)
- Should be light weight for easy transport.
- Measurement Range:
 - SpO₂ Saturation Range 70% to 100%
 - Accuracy (%SpO₂) $\pm 2\%$ at 80%~100%, $\pm 3\%$ at 70%~79%
 - Pulse Rate Range 30 to 250 beats per minute (bpm)
 - Accuracy ± 1 bpm at 30~250 bpm
 - Should display SpO₂, HR and Battery status on the screen
- Safety/Alarms
 - Audible and visual alarms for high/low pulse rate and sensor off.
- Battery operated (Alkaline batteries).
- **Standards, Safety, Training and warranty**
 - Should be a CE / FDA Approved product and should comply with ISO standards
 - 12 months from the date of handing over or installation and commissioning

Item 15: Fingertip pulse oximeter - adult



- Continuous non-invasive monitoring of functional oxygen saturation (SpO₂)

- Should be light weight for easy transport.

Measurement Range:

- SpO2 Saturation Range 70% to 100%
- Accuracy (%SpO2) $\pm 2\%$ at 80%~100%, $\pm 3\%$ at 70%~79%
- Pulse Rate Range 30 to 250 beats per minute (bpm)
- Accuracy ± 1 bpm at 30~250 bpm
- Should display SpO2, HR and Battery status on the screen
- Safety/Alarms
 - Audible and visual alarms for high/low pulse rate and sensor off.
- Battery operated (Alkaline batteries).

Standards, Safety, Training and warranty

- Should be a CE / FDA Approved product and should comply with ISO standards
12 months from the date of handing over or installation and commissioning

Item 16: Forehead IR thermometer



- sensible temperature should be in the range: 35°C~43°C (95°F~109.4°F or better)
- Accuracy should be: $\pm 0.3^{\circ}\text{C}$ ($\pm 32.54^{\circ}\text{F}$) or better
- Repeatability: 1% of reading or 1°C
- Response time: 500 mSec, 95% response or better
- Working environment should be 15°C~40°C (59°F~104°F)
- Operating Humidity: 10~95%RH non-condensing
- Storage Temperature: -20°C ~ 60°C (-4°F~140°F)
- Power Supply: should be running with primary batteries

- Should be light weight

Standards, Safety, Training and warranty

- Should be a CE / FDA Approved product and should comply with ISO standards
- 12 months from the date of handing over or installation and commissioning

Item 17: Nebulizer (Heavy duty)



- It should be a heavy duty/hospital use, compressor type nebulizer.
- Aerosol output should at least 0.45 ml.
- Should have a dust filter.
- Should be able to deliver a flow rate ≥ 7 LPM
- Should have air pressure ≥ 35 psi.
- Should have a check valve to protect the device against contamination due to backward inhalation.
- Should be compatible for continuous use.
- Should works on 200-240Vac/50Hz.
- Should be supplied with nebulization accessory kit with mask for adult and pediatric – 2 nos. each.
- Nebulization mask for adult and pediatric – 10 nos. each.
- Standard accessories should be listed in details with part number and quantities.
- **Power Supply**
- Power input to be 220-240VAC, 50Hz fitted 13Amp plug.
- **Standards, Safety and Documentation**
- Should be FDA/CE marked

- User/Technical/Maintenance manuals to be supplied in English.
- List of important spare parts and accessories with their part number and costing.
- **Warranty:**
- **12 months from date of installation and commissioning.**

Item 18: Digital Thermometer



1. Should be suitable for oral and auxiliary use.
2. Clinical Measuring Range at least of 35-42 °C
3. Accuracy $\pm 0.5^{\circ}\text{C} / ^{\circ}\text{F}$ or better
4. Digital display window to show temperature in $^{\circ}\text{C} / ^{\circ}\text{F}$
5. Measuring time, no greater than 10sec.
6. Should be battery operated.
7. Battery life at least of 1000 takes
8. Auto shut-off.
9. Water and disinfectant resistant.
10. Standard accessories shall be included.
11. Shall be CE marked and/or FDA approved.
12. Should include 1000 disposable covers/sleeves.

Item 19: Patient warmer



- **Specifications:**
- Should be of forced air technology
- It should be microprocessor controlled
- Should provide safe, quiet and effective warming to the patient
- It should be suitable for intra operative as well as post-operative ICU applications
- Control panel should display set and actual temperature
- Should have temperature sensor at machine outlet as well as at blanket end
- Should be suitable for adult and pediatric patients
- Should have 34C default setting additionally with 4 set temperature & preset programs and overheating protection
- Should have Air flow settings from 30-50 cfm with corrugated single hose with < 0.3-micron air filter with minimum 1000 hours life.
- There should be washable protective hose cover
- Should have anti-bacterial, blood and fluid resistive covers
- Should be light weight and easy to transport
- Reusable accessories required:
 - Upper body for adult
 - Lower body for adult
 - Torso blanket for adult
 - Upper body for pediatric
 - Lower body for pediatric
 - Optional leg, arm and shoulder sleeves
- **Power Supply**
 - Power input to be 220-240VAC, 50Hz fitted 13Amp plug.

- **Standards, warranty and Training**
 - Should be FDA/CE approved product
 - The unit and the accessories must be supplied with 1 year 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 20: Cast Cutter with Suction



- should have variable speed control from standard to high speed.
- Should have minimum 10700 cpm in Standard mode
- Should have minimum 15900 cpm in High-Speed mode
- Can work on operational temperature between 50 to 104 F or 10 to 40 degree C
- Should be used with Vacuum or plugged directly into wall mains power.
- Should cuts on both backward and forward strokes of approximately 1/8" (3.2 mm) excursion
- Blades should be available of Stainless steel (30 pc), Nitride blades (30pc) & Titanium Nitride Blades (30 pc)
- Should have efficient DC Motor With speed feedback
- No requirement of any lubricant for life time
- Should have Quick Change Blade Mount assembly, USFDA Approved Company.

Vacuum Pump for Cast Cutter

- Should be attached to the cutter module
- Cast Cutter should be Quick Connect to Vacuum unit
- Vacuum should automatically turns on when Cast Cutter is activated.
- Impact Resistant Housing
- Should have Integral Vacuum Housing for reduces overall size while improving Balance and mobility
- Should have Detachable Canister Lid. Should have Quick ai4y emptying of dust collection filter
- Should have Tool Bracket for conveniently storing tool on back of stand
Should have four/five wheel mobile stand for easy mobility
- Should have Swivel hose Mount allows for easy movement of the VAC Hose
- Should have maximum weight of 6.1-8 Kgs.
- Can work on operational temperature between 50 to 104 F or 10 to 40 degree C
- Cord length should not less than 2.5 meter

Accessories:

- Multiple blades of different sizes has to be supplied
- Spare dust filter has to be provided

Power Supply:

- Line voltage 220-240AC, 50-60Hz and fitted with a 13amp plug.

Standards/Certification, Safety:

- Both the cutter and vacuum pump should be a CE / FDA Approved product and should have ISO standards
- Class II and BF type equipment

Warranty:

- 12 months from the date of handing over or installation and commissioning

Other:

- User/Technical/Maintenance manuals to be supplied in English and certificate of calibration and inspection.
- Contact details of local supplier has to be provided

Item 21: Examination light with rolling stand



- Should be LED based examination light with rolling stand
- Light output should be homogenous
- Control panel should have ON/OFF button and illumination control from 30 – 100 %
- Should be fitted with a sterilizable handle
- tilting function for better positioning should be available
- illumination at a distance of 1 meter > 50000 Lux
- working range :70 140 cm or better
- average LED life should be more than 40000 hrs.

Power Supply

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

Standards, warranty and warranty

- Should be FDA/CE approved product
- 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 22: Vital sign monitor with rolling stand



- **Specification**

- Fast and accurate readings with LCD display
- Measure the vital parameters from Pead to Adult range.
- Inbuilt rechargeable battery with minimum 4 Hrs. operation time.
- User friendly, mobile and shock resistant.
- Parameters: NIBP, SPO2, Pulse rate and Temperature.

- **SpO2**

- Manual or continuous monitoring
- Waveform and numerical display
- Range: 70-100%
- Accuracy (%SpO2) $\pm 2\%$ at 100%~80%, $\pm 3\%$ at 80%~70%

Temperature

- forehead/Ear thermometer
- Range: 20 – 50°C
- Accuracy: +/- 2 °C

NIBP

- Adult / pediatric measurement range:
 - Systolic 30-255 mmHg
 - Diastolic 15-220 mmHg
 - Mean 20-235 mmHg
- BP accuracy: +/- 3 mmHg
- Should include 3 sizes of NIBP cuffs; Adult (L&XL) and pediatric
- Should include Spo2 cable with sensor probe.
- Should include Mobile stand with lockable castor wheels.

- Standard accessories shall be included
- **Power Supply**
 - Power input to be 220-240VAC, 50Hz fitted 13Amp plug.
- **Standards, Safety and Training**
 - Should be FDA approved/CE marked
 - Application training must be provided to the users.
- **Documentation**
 - User/Technical/Maintenance manuals to be supplied in English.
 - List of important spare parts and accessories with their part number and costing.
- **Warranty:**
 - At least 12 months from date of installation

Item 23: otoscope: An electrically powered, hand-held device designed for examination of the outer ear canal and tympanic membrane (eardrum) by direct viewing through the ear opening.



- Should have a Handle with a built-in LED light source in a mounted head
- Should have a rotatable viewing lens with a magnification between 3 times.
- Colour temperature: Cool white
- Handle should contain on/off switch.
- Should be light weight
- Should be battery operated (AA will be convenient)
- Should Include a port to connect an insufflation bulb

Accessories:

- Instructions for assembly, use and maintenance in English, French and Spanish.
- 1 x Plastic protective hard case containing full set.
- 2 x Sets of four reusable plastic specula different diameters ranging from 2 to 5mm.
- 1 x Set suitable disposable alkaline batteries.
- 1 x Bulb and tube for pneumatic tests.

Standards, Safety and warranty

- Should be FDA approved/CE marked
- 1 year warranty

Item 24: Ophthalmoscope: An electrically-powered, hand-held, ophthalmic instrument designed to be held close to the patient's eye to examine the interior of the eye and related structures



- Ophthalmoscope set composed of diagnostic head mounted on a handle.
- Range of lenses not smaller than -35D to +40D, adjustable in steps
- Should have Anti-reflection lens.
- Should be able to magnify at least five times.
- Available apertures at a minimum: small, large and semi-circle, fixation star.
- Colour temperature: Cool white.
- Should have Red-free, blue, and green filters.
- Handle with on/off switch.
- Illumination should be by a LED light source.

- Should be able to withstand frequent cleaning and disinfecting with hospital grade products

Accessories:

- 1 x plastic protective hard case or strong protective pouch containing full set.
- 1 x set of suitable disposable alkaline batteries.

Environmental conditions:

- Storage conditions: -10 - 55°C / 10 - 95% RH.
- Operating conditions: 10 - 35°C / 30 - 90% RH.
- Atmospheric pressure: 700hPa – 1060hPa.

Standards, Safety and warranty

- Should be FDA approved/CE marked
- 1 year warranty

Item 25: Weighing scale



- **Specification**
 - Battery operated (Alkaline) for ease of use
 - Capacity minimum: 150kg • Accuracy: 100g
 - Platter Size: 350 mm x 300 mm
 - The Electronic Adult Weighing Scale should incorporate following features for user-friendly convenience.
 - Digital Display
 - TARE facility with zero function.

- HOLD function to lock the weight.
- **Standards, Safety and Warranty**
- Should be a CE / FDA Approved product and should have ISO standards
- Warranty of 12 months from the date of handing over or installation and commissioning

Item 26: wall mount diagnostic set: Wall-mounted, composed of ophthalmoscope, otoscope, nasal speculum, electronic thermometer (Forehead and ear type), storage box and hanging plate, etc. The battery handle is sharing.



- Should contain an Otoscope, ophthalmoscope, digital thermometer and aneroid BP apparatus
- BP apparatus should have a large dial
- Technical specification of otoscope: Refer item 23
- Technical specification of ophthalmoscope: Refer item 24
- Technical specification of BP Apparatus: Refer item 7 (Pressure gauge should be of big size , approx. 15 cm)

Power Supply

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

Standards, Safety and warranty

- Should be FDA/CE approved product
- The unit and the accessories must be supplied with one year of warranty

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.