

जा.क्र./मनपा/आरोग्य/२०२२/३००५
कार्यालय महानगरपालिका औरंगाबाद
दिनांक: २४/११/२०२२.

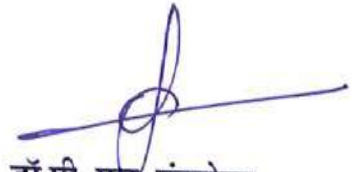
आरोग्य विभाग, महानगरपालिका औरंगाबाद
सुचना

सन २०२२-२३

आरोग्य विभाग महानगरपालिका औरंगाबाद या कार्यालयास सन २०२२-२३ या वर्षासाठी औरंगाबाद महानगरपालिका Physiotherapy Centers यांना पुरवठा करण्यासाठी साहित्याची आवश्यकता आहे. त्यासाठी उत्पादक, प्राधिकृत वितरक / विक्रेते यांचेकडून Estimate करिता दर मागविण्यात येत असून खरेदी करावयाच्या साहित्याचा विनिर्देशासहचा तपशील सोबत जोडण्यात येत आहे. संस्थेच्या लेटरहेडवर / सोबत दिलेल्या प्रपत्रात संस्थेचा व प्रोप्रायटरच्या सही शिक्क्यानिशी आपल्या अस्थापनेचे Estimate दर सादर करण्यात यावे.

अटी व शर्ती / सुचना

१. सदर सुचना aurangabadmahapalika.org या संकेतस्थळावर उपलब्ध आहे.
२. आपल्या अस्थापनेचे दर दि. / ११ / २०२२ (०५.०० pm) वाजेपर्यंत आरोग्य विभागामधिल आवक जावक विभाग, महानगरपालिका औरंगाबाद येथे सादर करावेत. तसे शक्य न नसल्यास / झाल्यास fwsipamcabd@yahoo.co.in व amcabdmedicinestore@gmail.com या संकेतस्थळावर पाठवावेत.
३. Estimate rates for the supply of Equipments for Physiotherapy Centers असे लिफाफयावर स्पष्ट नमुद करावे.
४. परिशिष्ट १ मध्ये Equipments ची यादी व अंदाजित खरेदीची संख्या नमुद आहे. तसेच साहित्याच्या विनिर्देशाची माहिती सोबत जोडण्यात आलेली आहे.
५. परिशिष्ट २ मधिल रकाना क्र. ४ मध्ये सर्व कर सामाविष्ट गुणवत्तापुर्वक साहित्याचे दर सादर करावे.



डॉ. पी. एच. मंडलेचा

वैद्यकीय आरोग्य अधिकारी
महानगरपालिका औरंगाबाद
महानगरपालिका औरंगाबाद.

सोबत: परिशिष्ट १, २ व साहित्याच्या विनिर्देशाची माहिती.

परिशिष्ट १
खरेदी करावयाच्या साहित्याची माहिती.

S. No.	Name of Item	Approx. Quantity	Remark
1	2	3	4
1	Traction Unit. (As per the specification given in letter)	05	
2	Interferential Therapy Unit. (As per the specification given in letter)	05	
3	Short Wave Diathermy. (As per the specification given in letter)	05	
4	Hot Packs & Hydro Collator. (As per the specification given in letter)	05	
5	Exercise Table. (As per the specification given in letter)	05	
6	Static Cycle. (As per the specification given in letter)	05	
7	Medicine Ball. (As per the specification given in letter)	20	
8	Quadriceps Table with Weights. (As per the specification given in letter)	05	
9	Wheel Chair. (As per the specification given in letter)	05	
10	Patient Trolley. (As per the specification given in letter)	05	
11	ADL Training Kit. (As per the specification given in letter)	05	

परिशिष्ट २
(संस्थेच्या लेटरहेडवर)

Stamp of firm

Date: / / 2022

S. No.	Name of Item	Unit Pack	Rate per unit Pack including all taxes Rs
1	2	3	4
1	Traction Unit. (As per the specification given in letter)	Each	
2	Interferential Therapy Unit. (As per the specification given in letter)	Each	
3	Short Wave Diathermy. (As per the specification given in letter)	Each	
4	Hot Packs & Hydro Collator. (As per the specification given in letter)	Each	
5	Exercise Table. (As per the specification given in letter)	Each	
6	Static Cycle. (As per the specification given in letter)	Each	
7	Medicine Ball. (As per the specification given in letter)	Each	
8	Quadriceps Table with Weights. (As per the specification given in letter)	Each	
9	Wheel Chair. (As per the specification given in letter)	Each	
10	Patient Trolley. (As per the specification given in letter)	Each	
11	ADL Training Kit. (As per the specification given in letter)	Each	

Sign & Stamp of Proprietor



डॉ. पारस मंडले
वैद्यकीय आरोग्य अधिकारी
महानगरपालिका औरंगाबाद.

Traction Unit

Version no. :	1
Date:	15/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	Traction Units
UMDNS code(s)	14105

GENERAL

1. USE

1.1	Clinical purpose	Devices designed relieve pressure on compressed nerves, help muscles relax and reduce muscle spasms. Traction increases the space between vertebrae - reducing pressure on intervertebral discs and nerve root.
1.2	Used by clinical department/ward	PMR Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical Specification	Should able to deliver decompression therapy; Should have a touch screen interactive display for easy treatment set-ups and easy angle selection and must come with treatment protocol manual; Must provide along with the package Angle reference chart; Should able to automatically calculate and digitally display the rope pull angle for decompression and traction as per the treatment protocol; Should provide protocol manual for light therapy and lumbar and cervical protocol manual Must be a build in computerized software package and protection against accidental setting of force-must have a safety switch for emergency shut off. Hold time: 1 to 99 Sec with Digital Display Rest time: 1 to 99 Sec with Digital Display Traction Force: 4-45 Kg (With Doubler 90 Kg) Cervical: 4-15 Kg (Each 1 kg step) Lumbar 23 to 45 Kg (Each 2 kg Steps) Safety Switch
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	Noise pressure level: ≤60 dbA.
3.4	Heat dissipation	NA
3.5	Mobility, portability	Portable

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1	Power requirements	Should operate from 200 to 240V-AC, 50 HZ input Supply
4.2	Battery operated	
4.3	Protection	NA
4.4	Power consumption	To be specified by the Supplier
4.5	Other energy supplies	Mains cable to be at least 3m length.

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	<ol style="list-style-type: none"> Should come with Flexion stool, Knee bolsters, Cervical pillow, Ankle bolsters, and decompression belts thoracic and pelvic. Should provide with a 4 section motorized table hi/low with clamps, frame attachments for connecting the traction unit.
-----	---	---

BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	NA
6.2	User's care, Cleaning, Disinfection & Sterility issues	<ol style="list-style-type: none"> Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover. Sterilization required.

7. STANDARDS AND SAFETY

7.1	Certificates (pre-market, sanitary,..); Performance and safety standards (specific to the device type); Local and/or international	<ol style="list-style-type: none"> Should be US FDA/CE/BIS/CDSCO approved (US FDA/CE/BIS/CDSCO requirements will be applicable only when the Indian Standards like BIS/CDSCO are not available) Manufacturer should have ISO 13485 certification for quality standards Electrical safety conforms to the standards for electrical safety IEC 60601-1-General requirements(or equivalent BIS Standard).
-----	--	---

8. TRAINING AND INSTALLATION

8.1	Pre- installation requirements: nature, values, quality, tolerance	Availability of 5 Amp/15 Amp. Electrical Socket.
8.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenanc shall be provided. Advanced maintenance tasks required shall be documented.

9. WARRANTY AND MAINTENANCE

9.1	Warranty	3 years, including all spares.
-----	----------	--------------------------------

10. DOCUMENTATION

10.1	Operating manuals, set manuals, other manuals	Should provide 2 sets(hard copy and soft copy) of: 1. User, technical and maintenance manuals should be supplied in english/Hindi language along with machine diagrams; 2. List of equipment and procedures required for local calibration and routine maintenance; 3. Service and operation manuals(original and Copy) to be provided; 4. Advanced maintenance tasks documntation; 5. Certificate of calibration and inspection, 6. Satisfactory certificate for any existing installation from government hospial.
10.2	Other accompanying documents	List of essential spares and accessories, with their part number and cost;

11. Notes

11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequaetly displayed.

Interferential Therapy Unit

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	Interferential Therapy Unit
UMDNS code(s)	11248

GENERAL

1. USE

1.1	Clinical purpose	Therapeutic ultrasound units convert electrical energy to high-frequency (i.e., 1 or 3 megahertz [MHz]) sound waves that penetrate tissues to produce pain relief and facilitate tissue healing through thermal and nonthermal physiologic reactions.
1.2	Used by clinical department/ward	Physio Therapy Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> 1. Dual output Channels and isolated between channels 2. Should have 0-30 operation programs 3. Symmetrical Balanced Sine Wave 4. Output Current:0-100 mA 5. Interference Frequency 2-160 Hz 6. Output Frequency 4000Hz (with $\pm 1\%$ tolerance) fixed on Channel 1 7. Modulating Frequency 4002 — 4160Hz (with $\pm 1\%$ tolerance) adjustable on Channel 2 8. Treatment Timer Continuous, 15, 30, 45 or 60 minutes 9. 2pole/4pole multi vector mode 10. Patient Safety Fuse
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	Noise pressure level: ≤60 dbA.
3.4	Heat dissipation	Should maintain nominal temp and the heat should be disbursed through a cooling mechanism
3.5	Mobility, portability	Portable

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1	Power requirements	AC/DC adaptor(Input:100~240V AC ; Output: 6V, 1A DC)
4.2	Battery operated	Size of battery to be specified
4.3	Protection	NA
4.4	Power consumption	To be specified by the Supplier

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	One set Patient wire IFT Two set Fixation straps One jell bottle One Power cable One operating manual Big and Small rubber electrode
-----	---	---

BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	1. Operating Condition: Capable of operating continuously in ambient temperature of 5 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances. 2. Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%
6.2	User's care, Cleaning, Disinfection & Sterility issues	Sterilization not required.

7. STANDARDS AND SAFETY

7.1	Certificates (pre-market, sanitary,...); Performance and safety standards (specific to the device type); Local and/or international	1. Should be US FDA/CE/BIS/CDSCO approved (US FDA/CE/BIS/CDSCO requirements will be applicable only when the Indian Standards like BIS/CDSCO are not available) 2. Manufacturer should have ISO 13485 certification for quality standards 3. Electrical safety conforms to the standards for electrical safety IEC 60601-1-General requirements(or equivalent BIS Standard).
-----	--	--

8. TRAINING AND INSTALLATION

8.1	Pre- installation requirements: nature, values, quality, tolerance	Availability of 5 Amp/15 Amp. Electrical Socket.
-----	--	--

9. WARRANTY AND MAINTENANCE

9.1	Warranty	3 years, including all spares and calibration.
-----	----------	--

10. DOCUMENTATION

10.1	Operating manuals, set manuals, other manuals	Should provide 2 sets(hard copy and soft copy) of: 1. User, technical and maintenance manuals should be supplied in english/Hindi language along with machine diagrams; 2. List of equipment and procedures required for local calibration and routine maintenance; 3. Service and operation manuals(original and Copy) to be provided; 4. Advanced maintenance tasks documntation; 5. Certificate of calibration and inspection, 6. Satisfactory certificate for any existing installation from government hospital.
10.2	Other accompanying documents	List of essential spares and accessories, with their part number and cost;

11. Notes

11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequaetly displayed.

Short Wave Diathermy

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	Shortwave Diathermy
UMDNS code(s)	11246

GENERAL

1. USE

1.1	Clinical purpose	Diathermy applies high-frequency electromagnetic energy to generate heat in body tissues. These devices produce localized moderate heating which causes a 2° to 3° C change in tissue temperature below the skin surface
1.2	Used by clinical department/ward	Physio Therapy Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> 1. The unit should offer minimum 20 preset therapeutic protocols with electrode placement images to make operation of the simple and convenient. 2. Should have an output of up to 500 W in continuous mode. 3. 800 to 1100 w in pulse mode. 4. Pulse repetition frequency of 20 to 200 Hz adjustable in 10 steps 5. LCD Screen display of parameter Treatment timer with all standard. 6. 30 minutes treatment timer & tuner control
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

5.1

Accessories, (mandatory, standard, optional);
Spare parts (main ones);
Consumables/reagents (open, closed system)

Condenser pad with cable
Disc electrodes with arms and cables.
Patient safety switch

BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1

Atmosphere/Ambience (air conditioning, humidity, dust ...)

1 .Operating Condition: Capable of operating continuously in ambient temperature of 5 to 40 deg C and relative humidity of 15 to 80% in ideal circumstances.
2. Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%

6.2

User's care, Cleaning, Disinfection & Sterility issues

Sterilization not required.

7. STANDARDS AND SAFETY

7.1

Certificates (pre-market, sanitary,..);
Performance and safety standards (specific to the device type); Local and/or international

1. Should be US FDA/CE/BIS/CDSCO approved (US FDA/CE/BIS/CDSCO requirements will be applicable only when the Indian Standards like BIS/CDSCO are not available)
2. Manufacturer should have ISO 13485 certification for quality standards
3. Electrical safety conforms to the standards for electrical safety IEC 60601-1-General requirements(or equivalent BIS Standard).

8. TRAINING AND INSTALLATION

8.1	Pre- installation requirements: nature, values, quality, tolerance	Availability of 5 Amp/15 Amp. Electrical Socket.
8.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenanc shall be provided. Advanced maintenance tasks required shall be documented.

9. WARRANTY AND MAINTENANCE

9.1	Warranty	3 years, including all spares and caliberation.
-----	-----------------	---

10. DOCUMENTATION

10.1	Operating manuals, set manuals, other manuals	Should provide 2 sets(hard copy and soft copy) of: 1. User, technical and maintenance manuals should be supplied in english/Hindi language along with machine diagrams; 2. List of equipment and procedures required for local calibration and routine maintenance; 3. Service and operation manuals(original and Copy) to be provided; 4. Advanced maintenance tasks documntation; 5. Certificate of calibration and inspection, 6. Satisfactory certificate for any existing installation from government hospial.
10.2	Other accompanying documents	List of essential spares and accessories, with their part number and cost;

11. Notes

11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequaetly displayed.

Hot Packs & Hydro Collator

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	Moist Heat Therapy Pack Conditioners
UMDNS code(s)	12565

GENERAL

1. USE

1.1	Clinical purpose	Devices designed to keep hot packs (also known as hydrocollator packs) warm at a consistent temperature. These devices usually consist of a stainless steel container where water is heated to a thermostatically controlled temperature (usually 165 F); hot packs are immersed in the water. Moist heat therapy pack conditioners are used to store and keep packs warm. The packs are wrapped in towels and used to provide moist heat therapy.
1.2	Used by clinical department/ward	Physio Therapy Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> 1. The Unit should be provided with thermostat temperature control. 2. The unit should have detachable insert rack to hold and suspend packs for heating. 3. The Unit should made of stainless steel with rubber wheels for mobility. 4. Tank Capacity 30-50 Liters approx 5. Filled Weight 50 kg - 80 kg approx 6. Temperature Range upto 90° C 7. Thermal Cut-out Temp (88° C ± 8° C) 8. Heating Up Time Time to (70° C) - 3 Hours 9. Cool Down Time Time from 160° F (70° C) - 2 Hours 10. Device should be Safety Class Type B and Safety Tests UL 544 11. Heating Indicator 12. It Should have Drainage valve
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	Noise pressure level: ≤60 dbA.
3.4	Heat dissipation	Should maintain nominal temp and the heat should be disbursed through a cooling mechanism
3.5	Mobility, portability	Portable

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1	Power requirements	Power input to be 220-240 VAC, 50Hz fitted with Indian Plug
4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	1000 watt

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	<ol style="list-style-type: none"> 1. Includes two Oversize HotPacs, 2. Three Standard size HotPacs 3. Neck Contour HotPac. 4. Forceps and Tongue
-----	---	---

BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	<ol style="list-style-type: none"> 1. Operating Condition: Capable of operating continuously in ambient temperature of 5 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances. 2. Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%
6.2	User's care, Cleaning, Disinfection & Sterility issues	Sterilization not required.

7. STANDARDS AND SAFETY

7.1	Certificates (pre-market, sanitary,...); Performance and safety standards (specific to the device type); Local and/or international	Should be US FDA/CE/BIS/CDSCO approved (US FDA/CE/BIS/CDSCO requirements will be applicable only when the Indian Standards like BIS/CDSCO are not available) Manufacturer and Supplier should have ISO 13485 certification for quality standards-(Not applicable if CDSCO approved) 3. Electrical safety conforms to the standards for electrical safety IEC 60601-1-General requirements(or equivalent BIS Standard). 4. Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility and should comply with 89/366 EEC, EMCdi 5. The manufacturer must have a management system certified to ISO 9001.
8. TRAINING AND INSTALLATION		
8.1	Pre- installation requirements: nature, values, quality, tolerance	Availability of 5 Amp/15 Amp. Electrical Socket.
8.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenanc shall be provided. Advanced maintenance tasks required shall be documented.
9. WARRANTY AND MAINTENANCE		
9.1	Warranty	3 years, including all spares and calibration.
10. DOCUMENTATION		
10.1	Operating manuals, set manuals, other manuals	Should provide 2 sets(hard copy and soft copy) of: 1. User, technical and maintenance manuals should be supplied in english/Hindi language along with machine diagrams; 2. List of equipment and procedures required for local calibration and routine maintenance; 3. Service and operation manuals(original and Copy) to be provided; 4. Advanced maintenance tasks documntation; 5. Certificate of calibration and inspection, 6. Satisfactory certificate for any existing installation from government hospial.
10.2	Other accompanying documents	List of essential spares and accessories, with their part number and cost;
11. Notes		
11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequaetly displayed.

Exercise Table

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	Exercise Plinth/Couch
UMDNS code(s)	NA

GENERAL

1. USE

1.1	Clinical purpose	Tables are designed for treatment of diseases using therapeutic exercises and massage. It may be used for all purpose related to PMR department
1.2	Used by clinical department/ward	Physio Therapy Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> 1. Made up of solid wood, Should have 4 legs 2. Plinth Size: High and Low 3. Top 19 mm thickness ply. 4. 4 inch cushioned with rexin cover legs cross section 8 x 10 cm. <p>L*B*H (to be specified as per the requirements)</p>
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA

3.3	Noise (in dBA)	NA
3.4	Heat dissipation	NA
3.5	Mobility, portability	Portable
4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)		
4.1	Power requirements	NA
4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	NA
5. ACCESSORIES, SPARE PARTS, CONSUMABLES		
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	Exercise plinth High and Exercise Plinth Low
BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS		
6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	NA
6.2	User's care, Cleaning, Disinfection & Sterility issues	NA
7. STANDARDS AND SAFETY		
7.1	Certificates (pre-market, sanitary,...); Performance and safety standards (specific to the device type); Local and/or international	NA
8. TRAINING AND INSTALLATION		
8.1	Pre- installation requirements: nature, values, quality, tolerance	NA
8.2	Requirements for sign-off	NA
8.3	Training of staff (medical, paramedical, technicians)	NA
9. WARRANTY AND MAINTENANCE		
9.1	Warranty	NA
10. DOCUMENTATION		
10.1	Operating manuals, set manuals, other manuals	NA

10.2	Other accompanying documents	NA
11. Notes		
11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	NA
11.2	Recommendations or warnings	NA

Static Cycle

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	Ergometers, Bicycle
UMDNS code(s)	10383

GENERAL

1. USE

1.1	Clinical purpose	Aerobic cycle exercisers designed to simulate the motions of riding a bicycle; the bicycles remain stationary while the wheels move. These exercisers are usually self-powered devices; they may use friction belts or wheels, magnets, fans, or hydraulics to increase resistance. Some stationary bicycles may include a motor to regulate speed.
1.2	Used by clinical department/ward	Physio Therapy Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> 1. Accurate instrumentation to measure heart rate, speed, distance, time and energy. 2. Should have digital display showing speed, time, distance and calorie used. 3. Body made up of stainless steel stationary exercise Cycle. 4. Should have comfortable saddle and foam fitted handle. 5. Should have adjustable design to fit all heights and weights. 6. Should have maximum user weight of 100kg. 7. Buidin hand grip pulse sensor. 8. Should have Resistance system with manual control. 9. Should have large adjustable softer HR seat.
-----	--	---

2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	Noise pressure level: ≤ 60 dbA.
3.4	Heat dissipation	Should maintain nominal temp and the heat should be disbursed through a cooling mechanism
3.5	Mobility, portability	Stationory

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1	Power requirements	Power input to be 220-240 VAC, 50Hz fitted with Indian Plug
4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	????????

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	NA
-----	---	----

BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	1. Operating Condition: Capable of operating continuously in ambient temperature of 5 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances. 2. Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%
6.2	User's care, Cleaning, Disinfection & Sterility issues	Sterilization not required.

7. STANDARDS AND SAFETY

7.1	Certificates (pre-market, sanitary,...); Performance and safety standards (specific to the device type); Local and/or international	1. Should be US FDA/CE/BIS/CDSCO approved (US FDA/CE/BIS/CDSCO requirements will be applicable only when the Indian Standards like BIS/CDSCO are not available 2. Manufacturer should have ISO 13485 certification for quality standards 3. Electrical safety conforms to the standards for electrical safety IEC 60601-1-General requirements(or equivalent BIS Standard).
8. TRAINING AND INSTALLATION		
8.1	Pre- installation requirements: nature, values, quality, tolerance	Availability of 5 Amp/15 Amp. Electrical Socket.
8.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenanc shall be provided. Advanced maintenance tasks required shall be documented.
9. WARRANTY AND MAINTENANCE		
9.1	Warranty	3 years, including all spares and calibration.
10. DOCUMENTATION		
10.1	Operating manuals, set manuals, other manuals	Should provide 2 sets(hard copy and soft copy) of: 1. User, technical and maintenance manuals should be supplied in english/Hindi language along with machine diagrams; 2. List of equipment and procedures required for local calibration and routine maintenance; 3. Service and operation manuals(original and Copy) to be provided; 4. Advanced maintenance tasks documntation; 5. Certificate of calibration and inspection, 6. Satisfactory certificate for any existing installation from government hospital.
10.2	Other accompanying documents	List of essential spares and accessories, with their part number and cost;
11. Notes		
11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequaetly displayed.

Medicine Ball

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	NA
UMDNS code(s)	NA

GENERAL

1. USE

1.1	Clinical purpose	A medicine ball is a weighted ball often used for rehabilitation and strength training. The medicine ball also serves an important role in the field of sports medicine.
1.2	Used by clinical department/ward	Physio Therapy Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> 1. Ideal for classic medicine ball workouts. 2. Should be Single colour, inflatable, moulded, heavy duty vinyl ball can support up to 150 kgs. 3. Should be in Textured finish provides a superior grip 4. Should be available in dia 65 cm, 75 cm, 85 cm.
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	NA
3.4	Heat dissipation	NA
3.5	Mobility, portability	Portable

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1	Power requirements	NA
-----	--------------------	----

4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	NA
5. ACCESSORIES, SPARE PARTS, CONSUMABLES		
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	NA
BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS		
6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	NA
6.2	User's care, Cleaning, Disinfection & Sterility issues	NA
7. STANDARDS AND SAFETY		
7.1	Certificates (pre-market, sanitary,..); Performance and safety standards (specific to the device type); Local and/or international	NA
8. TRAINING AND INSTALLATION		
8.1	Pre- installation requirements: nature, values, quality, tolerance	NA
8.2	Requirements for sign-off	NA
8.3	Training of staff (medical, paramedical, technicians)	NA
9. WARRANTY AND MAINTENANCE		
9.1	Warranty	NA
10. DOCUMENTATION		
10.1	Operating manuals, set manuals, other manuals	NA
10.2	Other accompanying documents	NA
11. Notes		
11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	NA
11.2	Recommendations or warnings	NA

Quadriceps table with weights

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	NA
UMDNS code(s)	NA

GENERAL

1. USE

1.1	Clinical purpose	Flexibility exercisers designed to improve the range of motion around a joint by supporting and/or positioning the user, making it possible to stretch any of the major muscle groups in the body. These exercisers are usually portable devices with handlebars or stand-alone exercise workstations. They may also increase muscle strength and improve balance and stability.
1.2	Used by clinical department/ward	Physio Therapy Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	NA

3.4	Heat dissipation	NA
3.5	Mobility, portability	Stationory
4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)		
4.1	Power requirements	NA
4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	NA
5. ACCESSORIES, SPARE PARTS, CONSUMABLES		
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	1. One pair chromated torque unit with different weight options. 2. Two sets of ½ kg, 1 kg, 2 kg, 3 kg weights.
BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS		
6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	1. Operating Condition: Capable of operating continuously in ambient temperture of 5 to 50 deg C and relative humidity of 15 to 80% in ideal circumstances. 2. Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%
6.2	User's care, Cleaning, Disinfection & Sterility issues	Sterilization not required.
7. STANDARDS AND SAFETY		
7.1	Certificates (pre-market, sanitary,..); Performance and safety standards (specific to the device type); Local and/or international	NA
8. TRAINING AND INSTALLATION		
8.1	Pre- installation requirements: nature, values, quality, tolerance	NA
8.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenanc shall be provided. Advanced maintenance tasks required shall be documented.
9. WARRANTY AND MAINTENANCE		

9.1	Warranty	3 years, including all spares and calibration.
-----	----------	--

10. DOCUMENTATION

10.1	Operating manuals, set manuals, other manuals	Should provide 2 sets(hard copy and soft copy) of: 1. User, technical and maintenance manuals should be supplied in english/Hindi language along with machine diagrams; 2. List of equipment and procedures required for local calibration and routine maintenance; 3. Service and operation manuals(original and Copy) to be provided; 4. Advanced maintenance tasks documntation; 5. Certificate of calibration and inspection, 6. Satisfactory certificate for any existing installation from government hospial.
10.2	Other accompanying documents	List of essential spares and accessories, with their part number and cost;

11. Notes

11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequaetly displayed.

Wheel Chair

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	Wheelchairs
UMDNS code(s)	14449

GENERAL

1. USE

1.1	Clinical purpose	Chairs mounted on large wheels, designed for indoor (e.g., hospital, institution, home) or outdoor transportation of patients or individuals with impaired walking ability.
1.2	Used by clinical department/ward	

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<p>Overall size: 670 mm W x 1120mm D x 920 mm H.</p> <p>2. Should be made of 16 gauge SS 304 grade tube frames and 16 gauge SS 304 sheet for seat & back rest.</p> <p>3. Should have a fixed arm rest.</p> <p>4. Should have Reticulated and breathable cushion</p> <p>5. Should have minimum 6" swivel nylon caster front wheel, 24" bicycle type rear wheel with pneumatic tire</p> <p>6. Two handles are provided with the hand grips</p> <p>7. Back wheel fixing bolt shall be covered with cup type nut.</p> <p>8. Should have breaking system on both side</p> <p>9. All pipes & Foot rest should be made of aluminium</p>
2.2	User's interface	NA
2.3	Software and/ or standard of communication(where ever required)	NA

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	NA
3.4	Heat dissipation	NA

3.5	Mobility, portability	Portable
4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)		
4.1	Power requirements	NA
4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	NA
5. ACCESSORIES, SPARE PARTS, CONSUMABLES		
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	NA
BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS		
6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	NA
6.2	User's care, Cleaning, Disinfection & Sterility issues	Sterilization not required.
7. STANDARDS AND SAFETY		
7.1	Certificates (pre-market, sanitary,...); Performance and safety standards (specific to the device type); Local and/or international	1.Should be made of 16 gauge SS 304 grade tube frames and 16 gauge SS 304 sheet for seat & back rest. 2.The manufacturer must have a management system certified to ISO 9001.
8. TRAINING AND INSTALLATION		
8.1	Pre- installation requirements: nature, values, quality, tolerance	NA
8.2	Requirements for sign-off	NA
8.3	Training of staff (medical, paramedical, technicians)	NA
9. WARRANTY AND MAINTENANCE		
9.1	Warranty	3 years, including all spares and calibration.
10. DOCUMENTATION		
10.1	Operating manuals, set manuals, other manuals	NA
10.2	Other accompanying documents	NA

11. Notes

11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequately displayed.

Patient Trolley

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	NA
UMDNS code(s)	NA

GENERAL

1. USE

1.1	Clinical purpose	A trolley is a small vehicle with wheels that can carry things.
1.2	Used by clinical department/ward	

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> 1. Overall Dimension: 1985 mm (L) x 610 mm (W) x 810 mm (H). 2. Frame Work: <ul style="list-style-type: none"> • Vertical member- Thickness of tube Cut size diameter of tubing pipe- 18 Gauge 31.75mm • Horizontal member - 18 Gauge 31.75mm 3. Removable stretcher made of curved CRCA Sheet 20 SWG supported on tubular frame having steel supports under the sheet. 4. Wheels: 4 Nos. swivel caster wheels are fitted in front and rear side of the wheel 150mm diameter x 38mm with plug diameter 32.5mm fitted with thrust bearing and solid rubber wheels with sleeve 21mm thick fork 10 SWG zinc plated. King pin is 14.5mm ; length of plug is 65mm inclusive of collar. 5. Handle should be made of S.S tubular. 6. All the steel components should be pre-treated for de-greasing, de-rusting and phosphating. After proper pre-treatment, the steel components should be epoxy powder coated and oven baked at temp. Above 200 °C to provide scratch resistance surface coating film thickness 45-50 microns.
2.2	User's interface	NA

2.3	Software and/ or standard of communication(where ever required)	NA
3. PHYSICAL CHARACTERISTICS		
3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	Noise pressure level: ≤60 dbA.
3.4	Heat dissipation	NA
3.5	Mobility, portability	Portable
4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)		
4.1	Power requirements	NA
4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	NA
5. ACCESSORIES, SPARE PARTS, CONSUMABLES		
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	NA
BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS		
6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	NA
6.2	User's care, Cleaning, Disinfection & Sterility issues	Sterilization not required.
7. STANDARDS AND SAFETY		
7.1	Certificates (pre-market, sanitary,...); Performance and safety standards (specific to the device type); Local and/or international	1. The manufacturer must have a management system certified to ISO 9001.
8. TRAINING AND INSTALLATION		

8.1	Pre- installation requirements: nature, values, quality, tolerance	NA
8.2	Requirements for sign-off	NA
8.3	Training of staff (medical, paramedical, technicians)	NA

9. WARRANTY AND MAINTENANCE

9.1	Warranty	3 years, including all spares and calibration.
-----	----------	--

10. DOCUMENTATION

10.1	Operating manuals, set manuals, other manuals	NA
10.2	Other accompanying documents	NA

11. Notes

11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequately displayed.

ADL Training kit

Version no. :	1
Date:	28/02/2017
Done by : (name.institution)	HCT/NHSRC

NAME, CATEGORY AND CODING

UMDNS name	NA
UMDNS code(s)	NA

GENERAL

1. USE

1.1	Clinical purpose	
1.2	Used by clinical department/ward	Physio Therapy Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> 1. This multifunctional upper extremity work station 2. Provision for treating multiple patients simultaneously 3. Activities to be performed while sitting / standing 4. TWO, wheelchair-accessible side shelves 5. TWO, Drop-out doors converting into workspace 6. Lockable double doors for security 7. Sturdy construction with durable laminated work surfaces 8. Provides storage space for at least 12 most recognized activities <ol style="list-style-type: none"> 1. Pinch tree 2. Pipe assembly unit in PVC 3. 25 Hole peg board 4. Hand tool test frame 5. Finger dexterity board 6. Door latch board 7. Dressing board set 8. Shoulder abduction ladder 9. Bilateral shoulder ladder 10. Hand exercise board (Velcro) 11. Hand gym board
2.2	User's interface	Manual
2.3	Software and/ or standard of communication (where ever required)	Inbuilt

3. PHYSICAL CHARACTERISTICS

3.1	Dimensions(metric)	NA
-----	--------------------	----

3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	Noise pressure level: ≤60 dbA.
3.4	Heat dissipation	Should maintain nominal temp and the heat should be disbursed through a cooling mechanism
3.5	Mobility, portability	Stationory

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1	Power requirements	Power input to be 220-240 VAC, 50Hz fitted with Indian Plug
4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	???????

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	NA
-----	---	----

BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1	Atmosphere/Ambience (air conditioning, humidity, dust ...)	1 .Operating Condition: Capable of operating continuously in ambient temperture of 5 to 50 deg C and relative humidity of 15 to 80% in ideal circumstanes. 2. Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%
6.2	User's care, Cleaning, Disinfection & Sterility issues	Sterilization not required.

7. STANDARDS AND SAFETY

7.1	Certificates (pre-market, sanitary,..); Performance and safety standards (specific to the device type); Local and/or international	1. Should be US FDA/CE/BIS/CDSCO approved (US FDA/CE/BIS/CDSCO requirements will be applicable only when the Indian Standards like BIS/CDSCO are not available); 2. Manufacturer should have ISO 13485 certification for quality standards 3. Electrical safety conforms to the standards for electrical safety IEC 60601-1-General requirements(or equivalent BIS Standard). 4. Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility. 5. The manufacturer must have a management system certified to ISO 9001.
-----	---	---

8. TRAINING AND INSTALLATION

8.1	Pre- installation requirements: nature, values, quality, tolerance	Availability of 5 Amp/15 Amp. Electrical Socket.
8.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenanc shall be provided. Advanced maintenance tasks required shall be documented.

9. WARRANTY AND MAINTENANCE

9.1	Warranty	3 years, including all spares and calibration.
-----	----------	--

10. DOCUMENTATION

10.1	Operating manuals, set manuals, other manuals	Should provide 2 sets(hard copy and soft copy) of: 1. User, technical and maintenance manuals should be supplied in english/Hindi language along with machine diagrams; 2. List of equipment and procedures required for local calibration and routine maintenance; 3. Service and operation manuals(original and Copy) to be provided; 4. Advanced maintenance tasks documntation; 5. Certificate of calibration and inspection, 6. Satisfactory certificate for any existing installation from government hospital.
10.2	Other accompanying documents	List of essential spares and accessories, with their part number and cost;

11. Notes

11.1	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to be provided; Any Contract(AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendations or warnings	Any warning sign would be adequaetly displayed.