जा.क्र./मनपा/आरोग्य/२०२२/ 300 प् कार्यालय महानगरपालिका औरंगाबाद दिनांकः १७/११/२०२२

## 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 साहीत्याची आवश्यकता आहे. त्यासाठी उत्पादक, प्राधिकृत वितरक / विक्रेते यांचेकडून Estimate करीता दर मागविण्यात येत असुन 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 साहीत्याच्या 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

वैद्यविद्धां आपोरमा अधिकाधी।

महानगरपालिका औरंगावाद.

सोबतः परिशिष्ट १, २ व साहित्याच्या विनिर्देशाची माहिती.

परिशिष्ठ १ खरेदी करावयाच्या साहित्याची माहिती.

S.	Name of Item	Approx. Quantity	Remark
No.	2	3	4
1	-	0.5	
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	

# (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. पारम मंडलेचा वैद्यकीय आरोग्य अधिकारी महानगरपालिका औरंगाबाद.

SHOW A		
Tr	action Uni	
Versio	on no. :	1
Date:		15/02/2017
Done	by : (name.institution)	HCT/NHSRC
		NAME, CATEGORY AND CODING
UMDI	NS name	Traction Units
UMDI	NS 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 agains 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	
TUTE.	4. ENE	RGY 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> <li>Should come with Flexion stool, Knee bolsters, Cervical pillow, Ankle bolsters, and decompression belts thoracic and pelvic.</li> <li>Should provide with a 4 section motorized table hi/low with clamps, frame attachments for connecting the traction unit.</li> </ol>	
	BIDDING	S/PROCUREMENT TERMS/DONATION REQUIREMENTS	
	6. EN	VIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS	
6.1	Atmosphere/Ambience (air conditioning, humidity, dust)	NA	
6.2	User's care, Cleaning, Disinfection & Sterility issues	<ul> <li>1.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.</li> <li>2. Sterilization required.</li> </ul>	
		7. STANDARDS AND SAFETY	
7.1	Certificates (pre-market, sanitary,); Performance and safety standards (specific to the device type); Local and/or international	<ol> <li>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</li> <li>Manufacturer should have ISO 13485 certification for quality standards</li> <li>Electrical safety conforms to the standards for electrical safety IEC 60601-1-General requirements(or equivalent BIS Standard).</li> </ol>	
1		8. TRAINING AND INSTALLATION	

## CIFICATIONS OF PHYSICAL MEDICINE AND REHABILITATION EQUIP

6	7	ECHNICAL SPECIFICATIONS OF PHYSICAL MEDICINE AND REHABILITATION EQU
	Į.	
8.1	Pre- installation requirements: nature, values, quality tolerance	
8.2	Requirements for sign	- 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	
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.

tissues to produce pain relief and facilitate tissue healing through thermal and nonthermal physiologic reactions.  Physio Therapy Department  TECHNICAL  2. TECHNICAL CHARACTERISTICS  Technical characteristics (specific to this type of device)  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. Interferance Frequency 2-160 Hz	nte	erferential Thera	apy Unit
NAME, CATEGORY AND CODING	Version no. :		1
UMDNS name  UMDNS code(s)  Interferential Therapy Unit  UMDNS code(s)  I1248  GENERAL  1. USE  Therapeutic ultrasound units convert electrical energy to high-frequency (i.e., 1 or 3 megahertz (MHz)) sound waves that penetratissues to produce pain relief and facilitate issue healing through thermal and nonthermal physiologic reactions.  1.1  Used by clinical department/ward  Physio Therapy Department  TECHNICAL  2. TECHNICAL CHARACTERISTICS  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. Interferance Frequency 2-160 Hz 6. Output Frequency 4000Hz (with ±1% tolerance) in adjustable on Channel 2 8. Treatment Timer Continuous, 15, 30, 45 or 60 minutes 9. 2pole/apole multi vector mode 10. Patient Safety Fuse  2.2 User's interface  Manual  Lobuilte  Lobuilte  Manual  Lobuilte	Date:		28/02/2017
UMDNS code(s)  11248  GENERAL  1. USE  Clinical purpose  Therapeutic ultrasound units convert electrical energy to high-frequency (i.e., 1 or 3 megahertz [MHz]) sound waves that penetrat 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  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. Interferance Frequency 2-160 Hz 6. Output Frequency 40002 — 4160Hz (with ±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  Inbuilt  Manual  Inbuilt	Done by	: (name.institution)	HCT/NHSRC
Clinical purpose   Therapeutic ultrasound units convert electrical energy to high-frequency (i.e., 1 or 3 megahertz [MHz]) sound waves that penetrat tissues to produce pain relief and facilitate tissue healing through thermal and nonthermal physiologic reactions.    1.1		NAME	, CATEGORY AND CODING
Clinical purpose  Therapeutic ultrasound units convert electrical energy to high-frequency (i.e., 1 or 3 megahertz [MHz]) sound waves that penetratissues to produce pain relief and facilitate tissue healing through thermal and nonthermal physiologic reactions.  1.1  1.2 Used by clinical department/ward  Physio Therapy Department  TECHNICAL  2. TECHNICAL CHARACTERISTICS  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. Interferance Frequency 2-160 Hz 6. Output Frequency 4000Hz (with ±1% tolerance) adjustable on Channel 2 adjustable on Channel 7. Modulating Frequency 40002 — 4160Hz (with ±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  Software and/ or standard of lightiff.	UMDNS	name	Interferential Therapy Unit
1. USE  Clinical purpose  Therapeutic ultrasound units convert electrical energy to high-frequency (i.e., 1 or 3 megahertz [MHz]) sound waves that penetrat 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  1. Dual output Channels and isolated between channels (specific to this type of device)  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. Interferance Frequency 2-160 Hz 6. Output Frequency 4000Hz (with ±1% tolerance) fixed on Channel 7. Modulating Frequency 4000Hz (with ±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  Software and/ or standard of Inbuilt	UMDNS	code(s)	11248
Therapeutic ultrasound units convert electrical energy to high-frequency (i.e., 1 or 3 megahertz [MHz]) sound waves that penetrat tissues to produce pain relief and facilitate tissue healing through thermal and nonthermal physiologic reactions.  Technical department/ward  Physio Therapy Department  TECHNICAL  2. TECHNICAL CHARACTERISTICS  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. Interferance Frequency 2-160 Hz 6. Output Frequency 40002 — 4160Hz (with ±1% tolerance) adjustable on Channel 2 8. Treatment Timer Continuous, 15, 30, 45 or 60 minutes 9. Zpole/4pole multi vector mode 10. Patient Safety Fuse  2.2 User's interface  Manual  Software and/ or standard of Inbuilt			GENERAL
frequency (i.e., 1 or 3 megahertz [MHz]) sound waves that penetratissues 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  1. Dual output Channels and isolated between channels (specific to this type of device)  2. Should have 0-30 operation programs (specific to this type of device)  3. Symmetrical Balanced Sine Wave (4. Output Current:0-100 mA)  5. Interferance Frequency 2-160 Hz (6. Output Frequency 40002 — 4160Hz (with ±1% tolerance) adjustable on Channel 2  8. Treatment Timer Continuous, 15, 30, 45 or 60 minutes (9. 2pole/Apole multi vector mode 10. Patient Safety Fuse)  2.2 User's interface  Manual  Software and/ or standard of Inbuilt			1. USE
TECHNICAL  2. TECHNICAL CHARACTERISTICS  1. Dual output Channels and isolated between channels (specific to this type of device)  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. Interferance Frequency 2-160 Hz 6. Output Frequency 4000Hz (with ±1% tolerance) fixed on Channel 7. Modulating Frequency 4002 — 4160Hz (with ±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  Software and/ or standard of Inhuilt		Clinical purpose	frequency (i.e., 1 or 3 megahertz [MHz]) sound waves that penetrate tissues to produce pain relief and facilitate tissue healing through
Technical characteristics (specific to this type of device)  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. Interferance Frequency 2-160 Hz 6. Output Frequency 4000Hz (with ±1% tolerance) fixed on Channel 7. Modulating Frequency 4002 — 4160Hz (with ±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  Software and/ or standard of	1.2		TECHNICAL
(specific to this type of device)  2. Should have 0-30 operation programs 3. Symmetrical Balanced Sine Wave 4. Output Current:0-100 mA 5. Interferance Frequency 2-160 Hz 6. Output Frequency 4000Hz (with ±1% tolerance) fixed on Channel 7. Modulating Frequency 4002 — 4160Hz (with ±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  Software and/ or standard of			ECHNICAL CHARACTERISTICS
Software and/ or standard of Inhuilt	2.1		<ol> <li>Should have 0-30 operation programs</li> <li>Symmetrical Balanced Sine Wave</li> <li>Output Current:0-100 mA</li> <li>Interferance Frequency 2-160 Hz</li> <li>Output Frequency 4000Hz (with ±1% tolerance) fixed on Channel 1</li> <li>Modulating Frequency 4002 — 4160Hz (with ±1% tolerance) adjustable on Channel 2</li> <li>Treatment Timer Continuous, 15, 30, 45 or 60 minutes</li> <li>2pole/4pole multi vector mode</li> </ol>
2.3 Software and/ or standard of communication(where ever required	2.2	User's interface	Manual
	2.3	Software and/ or standard of communication(where ever required	Inbuilt

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 throgh a cooling mechanism
3.5	Mobility, portability	Portable
	4. ENERGY SOURCE (ele	ectricity, 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. ACCESSORIE	S, 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
	PUT THE CONTRACTOR FOR THE SHEET HER SHEET WITHOUT THE CONTRACTOR SHEET WAS A	NT TERMS/DONATION REQUIREMENTS
		AND DEPARTMENTAL CONSIDERATIONS
6.1	Atmosphere/Ambience (air conditioning, humidity, dust)	1 .Operating Condition: Capable of operating continuously in ambier temperture of 5 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.
0.1		Storage condition: Capable of being stored continuosly 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	2. Storage condition: Capable of being stored continued in
100000	Sterility issues	Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%     Sterilization not required.
100000	Sterility issues 7. ST	Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%     Sterilization not required.  ANDARDS AND SAFETY
100000	Sterility issues	2. Storage condition: Capable of being stored continuosly in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%  Sterilization not required.  ANDARDS AND SAFETY  1. Should be US FDA/CE/BIS/CDSCO.
6.2	Certificates (pre-market, sanitary,); Performance and safety standards (specific to the device type); Local and/or international	2. Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%  Sterilization not required.  ANDARDS AND SAFETY  1. Should be US FDA/CE/BIS/CDSCO approved (US FDA/CE/BIS/CDSCO requirements will be applicable only wheel 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 for against left BIS.

Square	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.:	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.	Recommendations or warnings	Any warning sign would be adequaetly displayed.			

ersion i	no.:	1	
Date:		28/02/2017	
manacaesheez/	: (name.institution)	HCT/NHSRC	
one by	NAME	, CATEGORY AND CODING	
		Shortwave Diathermy	
MDNS	10/20/	11246	
JMDNS	code(s)	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	
	- the atmost /ward	Physio Therapy Department	
1.2	Used by clinical department/ward	TECHNICAL	
	2.18	CHARACTERISTICS	
2.1	Technical characteristics (specific to this type of device)	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 step 5. LCD Screen display of parameter Treatment timer with all stand 6. 30 minutes treatment timer & tuner control	
2.	2 User's interface	Manual	
1000	Software and/ or standard of communication(where ever required	Inbuilt	

	5.1 Spare	e parts (main ones); umables/reagents (open, closed	Condenser pad with cable Disc electrodes with arms and cables. Patient safety switch
		BIDDING/PROCUREN	MENT TERMS/DONATION REQUIREMENTS
		6. ENVIRONMENTA	L AND DEPARTMENTAL CONSIDERATIONS
6.		phere/Ambience (air conditioning, ity, dust)	<ol> <li>Operating Condition: Capable of operating continuously in ambient temperture of 5 to 40 deg C and relative humidity of 15 to 80% in ideal circumstances.</li> <li>Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%</li> </ol>
6.2	User's ca Sterility	are, Cleaning, Disinfection & issues	Sterilization not required.
		7. ST	ANDARDS AND SAFETY
7.1	Performa	es (pre-market, sanitary,); nce and safety standards (specific vice type); Local and/or nal	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

4	Pre- installation requirements: nature, values, quality, tolerance	Availability of 5 Amp/15 Amp. Electrical Socket.
3.2	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 provide Advanced maintenance tasks required shall be documented.
	9. WAR	RANTY AND MAINTENANCE
9.1	Warranty	3 years, including all spares and caliberation.
e ne		.o. DOCUMENTATION
10.	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	0.2 Other accompanying documents	List of essential spares and accessories, with their part number and cost;
		11. Notes
	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.

1		Collator
	on no. :	
Date:		28/02/2017
Done	by : (name.institution)	HCT/NHSRC
	NAMI	E, CATEGORY AND CODING
JMD	NS name	Moist Heat Therapy Pack Conditioners
JMD	NS 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. TE	CHNICAL CHARACTERISTICS
2.1	Technical characteristics (specific to this type of device)	<ol> <li>The Unit should be provided with thermostat temperature control.</li> <li>The unit should have detachable insert rack to hold and suspend packs for heating.</li> <li>The Unit should made of stainless steel with rubber wheels for mobility.</li> <li>Tank Capacity 30-50 Liters approx</li> <li>Filled Weight 50 kg - 80 kg approx</li> <li>Temperature Range upto 90° C)</li> <li>Thermal Cut-out Temp (88° C ± 8° C)</li> <li>Heating Up Time Time to (70° C) - 3 Hours</li> <li>Cool Down Time Time from 160° F (70° C) - 2 Hours</li> <li>Device should be Safety Class Type B and Safety Tests UL 544</li> <li>Heating Indicator</li> <li>It Should have Drainage valve</li> </ol>
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required	Inbuilt

.1	Dimensions (metric)	NA
.2 V	Weight (lbs, kg)	NA
.3	Noise (in dBA)	Noise pressure level: ≤60 dbA.
.4	Heat dissipation	Should maintain nominal temp and the heat should be disbursed throgh a cooling mechanism
3.5	Mobility, portability	Portable
	4. ENERGY SOURCE (el	lectricity, 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
ere man	E ACCESSORI	SC CRAPE PARTS CONSUMARIES
	5. ACCESSORI	ES, SPARE PARTS, CONSUMABLES
5.1	Accessories, (mandatory, standard, optional);	1. Includes two Oversize HotPacs, 2. Three Standard size HotPacs 3. Neck Contour HotPac. 4. Forceps and Tongue
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	Includes two Oversize HotPacs,     Three Standard size HotPacs     Neck Contour HotPac.
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)  BIDDING/PROCUREM	1. Includes two Oversize HotPacs, 2. Three Standard size HotPacs 3. Neck Contour HotPac. 4. Forceps and Tongue
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)  BIDDING/PROCUREM  6. ENVIRONMENTAL  Atmosphere/Ambience (air conditioning, humidity, dust)	1. Includes two Oversize HotPacs, 2. Three Standard size HotPacs 3. Neck Contour HotPac. 4. Forceps and Tongue  NENT TERMS/DONATION REQUIREMENTS  L AND DEPARTMENTAL CONSIDERATIONS

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 IB 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 9001.
	8. TRAI	NING AND INSTALLATION
8.1		Availability of 5 Amp/15 Amp. Electrical Socket.
8.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover.
8.3	Training of staff (medical, paramedical, technicians)	Local clinical staff to affirm completion of installation.  Training of users in operation and basic maintenanc shall be provide Advanced maintenance tasks required shall be documented.
	9. WARR	SANTY AND MAINTENANCE
9.1	Warrant	
NAME OF TAXABLE	Warranty	
	10	3 years, including all spares and caliberation.  DOCUMENTATION
10.1		3 years, including all spares and caliberation.  DOCUMENTATION  Should provide 2 sets(hard copy and soft copy) of:  1. User, technical and maintenance manuals should be supplied in english/Hindi language also.
	Operating manuals, set manuals, other	3 years, including all spares and caliberation.  D. DOCUMENTATION  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.
	Operating manuals, set manuals, other manuals  Other accompanying documents	3 years, including all spares and caliberation.  D. DOCUMENTATION  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.
10.1	Operating manuals, set manuals, other manuals	3 years, including all spares and caliberation.  DOCUMENTATION  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.  List of essential spares and accessories, with their part number and cost;

Exel	cise Table	
Version no		1
Date:		28/02/2017
	(name.institution)	HCT/NHSRC
	NAME, CATEGOR	RY AND CODING
UMDNS na		Exercise Plinth/Couch
UMDNS co		NA
	GEN	ERAL
	1.0	
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
1.2	50 To 10 To	NICAL
	2. TECHNICAL C	HARACTERISTICS
2.1	Technical characteristics (specific to this type of device)	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.  L*B*H (to be specified as per the requirements)
2.2	User's interface	Manual
2.3	Software and/ or standard of communication(where ever required	Inbuilt
	3. PHYSICAL C	HARACTERISTICS
3.1	Dimensions(metric)	NA
3.2	Weight (lbs, kg)	NA

		Text.
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	NÃ
	5. ACCESSORIES, SPAR	E 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 TER	MS/DONATION REQUIREMENTS
	6. ENVIRONMENTAL AND DEP	ARTMENTAL CONSIDERATIONS
6.1	Atmosphere/Ambience (air conditioning, humidity, dust)	NA
6.2	User's care, Cleaning, Disinfection & Sterility issues	NA
	7. STANDARD	S AND SAFETY
7.1	Certificates (pre-market, sanitary,); Performance and safety standards (specific to the device type); Local and/or international	
	8. TRAINING AN	D INSTALLATION
8.1	Pre- installation requirements: nature, values, quality, tolerance	NA NA
8.2	Requirements for sign-off	NA
8.3	Training of staff (medical, paramedical, technicians)	NA
ARY I	9. WARRANTY AN	D MAINTENANCE
	Warranty	NA
9.1	11.20.00.00.00	TOO.
9.1	10. DOCUM	

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

Sta	atic Cycle	
Versio		1
Date:		28/02/2017
Done l	by : (name.institution)	HCT/NHSRC
	NAME	, CATEGORY AND CODING
UMDN	NS name	Ergometers, Bicycle
UMD	NS code(s)	10383
The sale		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. TE	CHNICAL CHARACTERISTICS
2.1	Technical characteristics (specific to this type of device)	<ol> <li>Accurate instrumentation to measure heart rate, speed, distance, time and energy.</li> <li>Should have digital display showing speed, time, distance and calorie used.</li> <li>Body made up of stainless steel stationary exercise Cycle.</li> <li>Should have comfortable saddle and foam fitted handle.</li> <li>Should have adjustable design to fit all heights and weights.</li> <li>Should have maximum user weight of 100kg.</li> <li>Buidin hand grip pulse sensor.</li> <li>Should have Resistance system with manual control.</li> <li>Should have large adjustable softer HR seat.</li> </ol>

.2	Jser's interface	Manual
	oftware and/ or standard of communication(where ever required	Inbuilt
	3. PHYS	SICAL CHARACTERISTICS
1 [	Dimensions(metric)	NA
2 \	Weight (lbs, kg)	NA
3 1	Noise (in dBA)	Noise pressure level: ≤60 dbA.
.4	Heat dissipation	Should maintain nominal temp and the heat should be disbursed throgh a cooling mechanism
.5	Mobility, portability	Stationory
	4. ENERGY SOURCE (el	ectricity, UPS, solar, gas, water, CO2)
3.1	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. ACCESSORIE	S, SPARE PARTS, CONSUMABLES
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	NA
	BIDDING/PROCUREME	NT TERMS/DONATION REQUIREMENTS
	6. ENVIRONMENTAL	AND DEPARTMENTAL CONSIDERATIONS
6.1	Atmosphere/Ambience (air conditioning, humidity, dust)	<ol> <li>Operating Condition: Capable of operating continuously in ambient temperture of 5 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.</li> <li>Storage condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C and relative humidity of 15 to 90%</li> </ol>
1		

		SHEET WILLIAM DESCRIPTION OF THE PROPERTY OF T
	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 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. TRAI	NING 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. WARF	RANTY 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.

1e	dicine Ball	
sion I	no.:	1
e:		28/02/2017
ne by	: (name.institution)	HCT/NHSRC
	NAME, C	CATEGORY AND CODING
DNS	name	NA
	code(s)	NA
DNS	coue(s)	GENERAL
		1. USE
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.
		Physio Therapy Department
.2	Used by clinical department/ward	TECHNICAL
	2 TEC	HNICAL CHARACTERISTICS
2.1	Technical characteristics (specific to this type of device)	<ol> <li>Ideal for classic medicine ball workouts.</li> <li>Should be Single colour, inflatable, moulded, heavy duty vinyl ball can support up to 150 kgs.</li> <li>Should be in Textured finish provides a superior grip</li> <li>Should be available in dia 65 cm, 75 cm, 85 cm.</li> </ol>
		Manual
2.2	User's interface	Inbuilt
2.3	Software and/ or standard of communication(where ever required	
2000	3. PH	YSICAL CHARACTERISTICS
	Dimensions(metric)	NA
3.1		NA
3.2	Weight (lbs, kg)	NA
3.3	Noise (in dBA)	NA
	Heat dissipation	Portable
3.4	The second secon	
3.4	Mobility, portability	(electricity, UPS, solar, gas, water, CO2)

	TECHNICIES OF ECONOMIC	
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 TER	MS/DONATION REQUIREMENTS
	6. ENVIRONMENTAL AND DE	PARTMENTAL CONSIDERATIONS
6.1	Atmosphere/Ambience (air conditioning, humidity, dust)	NA
6.2	User's care, Cleaning, Disinfection & Sterility issues	NA
	7. STANDAR	DS AND SAFETY
7.1	Certificates (pre-market, sanitary,); Performance and safety standards (specific to the device type); Local and/or international	NA
	8. TRAINING A	ND 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.	Warranty	NA
	10. DOCU	JMENTATION
10	Operating manuals, set manuals, other manuals	NA
10	Other accompanying documents	NA
	11	. Notes
11	Service Support Contact details (Hierarchy Wise; including a toll free/landline number)	NA
11	.2 Recommendations or warnings	NA

Qua	driceps table w	ith weights
Version n	0.:	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 standalone 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. TEC	CHNICAL 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. P	HYSICAL CHARACTERISTICS
3.	1 Dimensions(metric)	NA
3.	.2 Weight (lbs, kg)	NA
3	.3 Noise (in dBA)	NA

3.3

.4	Heat dissipation	NA .
3.5	Mobility, portability	Stationory
		ectricity, 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. ACCESSORIE	S, 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/PROCUREME	INT TERMS/DONATION REQUIREMENTS
	6. ENVIRONMENTAL	AND DEPARTMENTAL CONSIDERATIONS
6.1	Atmosphere/Ambience (air conditioning, humidity, dust)	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.     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.
	7:51	TANDARDS AND SAFETY
7.1	Certificates (pre-market, sanitary,); Performance and safety standards (specific to the device type); Local and/or international	NA .
	8. TRA	INING 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.
	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenanc shall be provided Advanced maintenance tasks required shall be documented.

9.1	Warranty	3 years, including all spares and caliberation.
		10. DOCUMENTATION
0.1	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.	Other accompanying documents	List of essential spares and accessories, with their part number and cost;
TO.		11. Notes
1	Service Support Contact details (Hierar Wise; including a toll free/landline number)	Contact details of manufacturer, supplier and local service agent to b 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. TEC	CHNICAL CHARACTERISTICS
	Technical characteristics (specific to this type of device)	Overall size: 670 mm W x 1120mm D x 920 mm H.  2. Should be made of 16 gauge SS 304 grade tube frames and 16 gauge SS 304 sheet for seat & back rest.  3. Should have a fixed arm rest.  4. Should have Reticulated and breathable cushion  5. Should have minimum 6" swivel nylon caster front wheel, 24" bicycle type rear wheel with pneumatic tire  6. Two handles are provided with the hand grips  7. Back wheel fixing bolt shall be covered with cup type nut.  8. Should have breaking system on both side  9. All pipes & Foot rest should be made of aluminium
2.2	User's interface	NA
2.3	Software and/ or standard of communication(where ever required	NA
	3. P	HYSICAL CHARACTERISTICS
3.1	L Dimensions(metric)	NA
3.	Weight (lbs, kg)	NA .
3.	Noise (in dBA)	NA
3.	4 Heat dissipation	NA

	Mobility, portability	Portable
3.5	· · · · · · · · · · · · · · · · · · ·	lectricity, UPS, solar, gas, water, CO2)
4.1	Power requirements	NA
4.2	Battery operated	NA
4.3	Protection	NA
4.4	Power consumption	NA NA
	5. ACCESSORIE	S, SPARE PARTS, CONSUMABLES
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	NA DECLUREMENTS
	BIDDING/PROCUREME	INT TERMS/DONATION REQUIREMENTS AND DEPARTMENTAL CONSIDERATIONS
	officeral for the state of the	
6.1	Atmosphere/Ambience (air conditioning, humidity, dust)	NA
6.2	User's care, Cleaning, Disinfection & Sterility issues	Sterilization not required.
	7. ST	ANDARDS 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. TRAI	NING AND INSTALLATION
8.1	Pre- installation requirements: nature, values, quality, tolerance	NA
8.2	turing off	NA
8.3	Training of staff (medical, paramedical, technicians)	NA .
	9. WARR	ANTY AND MAINTENANCE
9.1	Warranty	3 years, including all spares and caliberation.
	10	DOCUMENTATION
10.	Operating manuals, set manuals, other manuals	NA
10.	2 Other accompanying documents	NA

69.1		
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.

2. Frame Work:  • Vertical member- Thickness of tube Cut size diameter of tub 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 rof the wheel 150mm diameter x 38mm with plug diameter 32.5mm fitted with thrus bearing and solid rubber wheels with sleeve 21mm thick fork 10 SWG zinc plated. King pin is 14 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-greasi rusting and phosphating.  After proper pre-treatment, the steel components should be expowder coated and oven	ati	ient Trolley		
Industrial content in the state of curved CRCA Sheet 20 SWG supported on tubular frame having steel supports under the sheet.  1.1   Chinical characteristics (specific to this type of device)   Chinical member - 18 Gauge 31.75mm   Horizontal member - 1	rsion n	0. :	1	
NAME, CATEGORY AND CODING  MDNS name  NA  MDNS code(s)  NA  GENERAL  1. USE  A trolley is a small vehicle with wheels that can carry things.  TECHNICAL  2. TECHNICAL CHARACTERISTICS  Technical characteristics (specific to this type of device)  (specific to this type of device)  Technical member- 18 Gauge 31.75mm  • Horizontal me	te:		28/02/2017	
MDNS code(s)  NA  GENERAL  1. USE  1.1 Clinical purpose  A trolley is a small vehicle with wheels that can carry things.  TECHNICAL  2. TECHNICAL CHARACTERISTICS  1. Overall Dimension: 1985 mm (L) x 610 mm (W) x 810 mm (t) y certificated for the pipe- 18 Gauge 31.75mm  Nemovable 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 reference of the pipe- 18 Gauge 31.75mm 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. length of plug is 65mm inclusive of collar.  5. Handle should be made of S.5 tubular.  6. All the steel components should be pre-treated for de-greasi rusting and phosphating.  After proper pre-treatment, the steel components should be expowder coated and oven baked at temp. Above 200 °C to provide scratch resistance surfaced film thickness 45-50	ne by :	(name.institution)	HCT/NHSRC	
MDNS code(s)  RECHRAL  1. USE  1.1 Clinical purpose  A trolley is a small vehicle with wheels that can carry things.  TECHNICAL  2. TECHNICAL CHARACTERISTICS  1. Overall Dimension: 1985 mm (L) x 610 mm (W) x 810 mm (t) vertical member- 18 Gauge 31.75mm  Nemorizontal member- 18 Gauge 31.75mm  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 refer 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 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-greasi rusting and phosphating.  After proper pre-treatment, the steel components should be expowder coated and oven baked at temp. Above 200 °C to provide scratch resistance surfaceating im thickness 45-50		NAME	CATEGORY AND CODING	
A trolley is a small vehicle with wheels that can carry things.  1.2 Used by clinical department/ward  TECHNICAL  2. TECHNICAL  2. Frame Work:  • Vertical member- Thickness of tube Cut size diameter of tub 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 ru of the wheel 150mm diameter x 38mm with plug diameter 32.5mm fitted with thrus bearing and solid rubber wheels with sleeve 21mm thick fork 10 SWG zinc plated. King pin is 14. length of plug is 65mm inclusive of collar.  5. Handle should be made of S.5 tubular.  6. All the steel components should be pre-treated for de-greasi rusting and phosphating.  After proper pre-treatment, the steel components should be epowder coated and oven baked at temp. Above 200 °C to provide scratch resistance surfaceating film thickness 45-50	/DNS i	name	NA	
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TECHNICAL  2. TECHNICAL  1.2 Used by clinical department/ward  TECHNICAL  2. TECHNICAL CHARACTERISTICS  1. Overall Dimension: 1985 mm (L) x 610 mm (W) x 810 mm (Fig. 1) for this type of device)  1. Overall Dimension: 1985 mm (L) x 610 mm (W) x 810 mm (Fig. 1) for this type of device)  1. Overall Dimension: 1985 mm (L) x 610 mm (W) x 810 mm (Fig. 1) for this type of device)  2. Frame Work:  • Vertical member- Thickness of tube Cut size diameter of tub 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 red of the wheel 150mm diameter x 38mm with plug diameter 32.5mm fitted with thrus bearing and solid rubber wheels with sleeve 21mm thick fork 10 SWG zinc plated. King pin is 14. 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-greasi rusting and phosphating.  After proper pre-treatment, the steel components should be epowder coated and oven baked at temp. Above 200 °C to provide scratch resistance surfacoating film thickness 45-50			1. USE	
Technical characteristics (specific to this type of device)  1. Overall Dimension: 1985 mm (L) x 610 mm (W) x 810 mm (H) 2. Frame Work:  • Vertical member- Thickness of tube Cut size diameter of tub 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 reference of the wheel 150mm diameter x 38mm with plug diameter 32.5mm fitted with thrus bearing and solid rubber wheels with sleeve 21mm thick fork 10 SWG zinc plated. King pin is 14. 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-greasi rusting and phosphating. After proper pre-treatment, the steel components should be expowder coated and oven baked at temp. Above 200 °C to provide scratch resistance surfaceating film thickness 45-50	1.1	Clinical purpose	A trolley is a small vehicle with wheels that can carry things.	
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			<ul> <li>Vertical member- Thickness of tube Cut size diameter of tubing pipe- 18 Gauge 31.75mm</li> <li>Horizontal member - 18 Gauge 31.75mm</li> <li>Removable stretcher made of curved CRCA Sheet 20 SWG supported on tubular frame having steel supports under the sheet.</li> <li>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.</li> <li>Handle should be made of S.S tubular.</li> <li>All the steel components should be pre-treated for de-greasing, derusting and phosphating.</li> <li>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</li> </ul>	
2.2 User's interface NA	2.2	User's interface		

2.3	Software and/ or standard of communication(where ever required	NA
	3. РН	IYSICAL 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
h İ	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. ACCESSOR	RIES, SPARE PARTS, CONSUMABLES
5.1	Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	NA
	BIDDING/PROCUREN	MENT TERMS/DONATION REQUIREMENTS
	6. ENVIRONMENTA	L 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 ISC 9001.
	8. TR	AINING AND INSTALLATION

8.1	Pre- installation requirements: nature, values, quality, tolerance	NA
8.2	Requirements for sign-off	NA
	Training of staff (medical, paramedical, technicians)	NA NA
	9. WARI	RANTY AND MAINTENANCE
9.1	Warranty	3 years, including all spares and caliberation.
	1	O. DOCUMENTATION
10.1	Operating manuals, set manuals, other manuals	NA
10.2	Other accompanying documents	NA
10.2		11. Notes
11.	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.
	Recommendations or warnings	Any warning sign would be adequaetly displayed.

	ADL Training kit	
V	ersion no. :	1
D	ate:	28/02/2017
Do	one by : (name.institution)	HCT/NHSRC
1	NAME	, CATEGORY AND CODING
UI	MDNS name	NA
U	MDNS code(s)	NA
		GENERAL
		1. USE
1.	ригрозе	
1.	2 Used by clinical department/ward	Physio Therapy Department
		TECHNICAL
	2. TEC	HNICAL CHARACTERISTICS
.1	Technical characteristics (specific to this type of device)	<ol> <li>This multifunctional upper extremity work station</li> <li>Provision for treating multiple patients simultaneously</li> <li>Activities to be performed while sitting / standing</li> <li>TWO, wheelchair-accessible side shelves</li> <li>TWO, Drop-out doors converting into workspace</li> <li>Lockable double doors for security</li> <li>Sturdy construction with durable laminated work surfaces</li> <li>Provides storage space for at least 12 most recognized activities</li> <li>Pinch tree</li> <li>Pipe assembly unit in PVC</li> <li>25 Hole peg board</li> <li>Hand tool test frame</li> <li>Finger dexterity board</li> <li>Door latch board</li> <li>Dressing board set</li> <li>Shoulder abduction ladder</li> <li>Bilateral shoulder ladder</li> <li>Hand exercise board (Velcro)</li> <li>Hand gym board</li> </ol>
2	User's interface	Manual
	Software and/ or standard of communication(where ever required	Inbuilt
	3. PHYS	ICAL CHARACTERISTICS
	Dimensions(metric)	NA

Moig		NA .
AACIB	ht (lbs, kg)	Noise pressure level: ≤60 dbA.
	(in dBA)	at and maintain nominal temp and the heat should be
Heat	dissipation	disbursed throgh a cooling mechanism
Mob	ility, portability	Stationory
	4. ENERGY SOURCE (elec	ctricity, UPS, solar, gas, water, CO2)
Pow	er requirements	Power input to be 220-240 VAC, 50Hz fitted with Indian Plu
	tery operated	NA
	tection	NA
.5	ver consumption	????????
	5. ACCESSORIES	S, SPARE PARTS, CONSUMABLES
	BIDDING/PROCUREME  6. ENVIRONMENTAL	AND DEPARTMENTAL CONSIDERATIONS
	Atmosphere/Ambience (air conditioning, humidity, dust)	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.
6.1	and Ambience (air	<ol> <li>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.</li> <li>Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%</li> </ol>
	Atmosphere/Ambience (air conditioning, humidity, dust)  User's care, Cleaning, Disinfection & Sterility issues	<ol> <li>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.</li> <li>Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%</li> <li>Sterilization not required.</li> </ol>
6.1	Atmosphere/Ambience (air conditioning, humidity, dust)  User's care, Cleaning, Disinfection & Sterility issues	<ol> <li>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.</li> <li>Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%</li> </ol>

	Pre- installation requirements: nature, values, quality, tolerance	Availability of 5 Amp/15 Amp. Electrical Socket.
.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation.
3.3	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. WAR	RANTY AND MAINTENANCE
9.1	Warranty	3 years, including all spares and caliberation.
		10. DOCUMENTATION
10.:	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	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.
1	1.2 Recommendations or warnings	Any warning sign would be adequaetly displayed.