

AFIRM Dept Demand for open Tender FY 2023-24 as per Anx"A"

Anx"A"

Ser No	Name	Specification
OCCUPATIONAL THERAPY DEMAND FY 2023-24		
1.	DIGI Flex Hand and Figure Exercise	Develops isolated finger strength, Flexibility and Co-ordination. (Yellow, Red, Blue, Black) different existence according to need of Patient.
2.	Therapy Putty Sammon's presto micro fresh putty (5lbs)	Yellow, Green, Blue, color (Color indicates different existence.
3.	Hand Grips	Resistive ex. For hands. Red 25 lb resistance, black-40 lbs, Blue 55 lbs.
4.	Power web Combo	Features 02 resistance levels in one. 14" diameter combo available in 04 web site.
Department of Psychology demand FY 2023-24		
5.	TEA-Ch2 (test of everyday attention for children I second edition)	It Includes Manual, 25 Junior Record Forms, 25 Adolescent Record Forms, Timer, Acetates and letter with link to software download.
FEMALE GYM,OFFICER'S FAMILY, SOILDER'S FAMILY EM/EQPT DEMAND 2023-24		
6.	Combine Unit	Current channel: 2 independent Ultrasound: 01 Ultrasound Frequency: 1-3 MHz Ultrasound: Continuous & Pulse. Pulse Frequency / duty cycle : 100Hz/5%, 10%, 20%, 50%. Intensity: 0-3 W/cm2 (Pulse) 0-2 W/cm2 (Continuous) Programmable positions: 10 single, 10 Sequential Pre-programmed. 50Type mains adapter: ENA-1550. Main Voltage: 100-240v (50-60Hz). Output: 15 VDC/3,3A Dimensions: 29cm x 28cm x 11cm (W x DXA) Weight: 4kg IFC, Tens, Current forms for Electrotherapy (Faradic current, Galvanic current Etc)
7.	Short Wave Diathermy	Main Supply: 220V-240V Main voltage, variation: max+10% Dimensions: 56 x 43 x 92.5 cm(w x d x h) without arm length electrode arm = 93cm Weight: 80kg Rubber plate & disc electrode Pulse duration: ca 400us pulse repetition Frequency:15-200Hz Timer:0-30Minutes
8.	Wax Bath	Mains voltage: available for 115v To 230v , 50-60Hz Power Consumption:2000W (1760W for the 115V version) Temperature reng:30-90C Overheating softy device: thermal cut-out 110C Internal dimensions :50x30x21cm(30L)

		External dimensions :58x32x50cm(30L) Optional Accessories :3448.136 Heat transfer liquid (thermal oil) 05Ltr 3448.112 Paraffin wax, pure form 25Kg 3448.108 Carafano Battalia, 12Kg 3448.164 Paralingo, 05Kg 3448.134 Parafoil, 40x60cm, 1000 shets.
Department of Speech Therapy, AFIRM Demand FY 2023-24		
9.	Incentive Spirometer	It includes: Three color code balls or three chambers to lung capacity: 600cc per sec, 900cc per sec, and 1200cc per sec. Compact design and break resistant plastic. Each set includes incentive spirometer, disposable mouth piece and flexible tube.
10.	Language intervention resources	Pegboards of following categories: . Fruits . Vegetables . Animals . Shapes . Household objects Language cards includes: . Matching cards . Action picture cards . Sequence story cards . Story books (Urdu/English) . Professions cards . Alphabets cards (Urdu/English) . 1000 words vocabulary book 10000 pictures to talk about (reference: Children publication)
11.	Drooling remediation program	. Practical solution for home and therapy purpose . Appropriate for children 2 years and older.
12.	Vibrating teether	Practical solution for oral sensitivity and mouthing
Annual Demand of EM/Eqpt for Hydrotherapy Dept FY 2023-24		
13.	Aquatic Hand Bass (Dumbbells)	03 Pairs
14.	Aquatic Cuffs (Bands)	03 Pairs
15.	Aquatic chairs for Hydrotherapy	
Dept: Resettlement & Training Center, Demand FY 2023-24		
16.	Soldering Gun	Tilswall soldering station, 65W Solder station Welding iron kit with smart temperature control (392F-896F), 5pcs
17.	Kitchen Appliances Models for Training Oven, Juicer	Local Brand

	Machine, Blender Etc.	
18.	Soldering Station	Soldering station, 110V 80W Digital soldering Iron kit with smart temperature control (176F-896F)
19.	Solder Wire Roll(1mm)	Sain smart 1mm solder wire 63/37 Tin/Lead Sn63Pb37 with flux rosin core for Electrical Soldering (100g)
20.	Soldering Paste	Soldering Flux paste solder welding grease-50g buy in Pakistan
21.	Hot Glue Gun	Topelek mini hot glue gun with 30pcs glue sticks, 20W heating fast, hot melt glue gun removable
Annual Demand of EM Eqpt for the Male Physio Dept Year – 2023 -2024		
22.	Combo Unit Complete	Current channel: 2 independent Ultrasound: 01 Ultrasound Frequency: 1-3 MHz Ultrasound: Continuous & Pulse. Pulse Frequency / duty cycle : 100Hz/5%, 10%, 20%, 50%. Intensity: 0-3 W/cm2 (Pulse) 0-2 W/cm2 (Continuous) Programmable positions: 10 single, 10 Sequential Pre-programmed. 50Type mains adapter: ENA-1550. Main Voltage: 100-240v (50-60Hz). Output: 15 VDC/3,3A Dimensions: 29cm x 28cm x 11cm (W x DXA) Weight: 4kg IFC, Tens, Current forms for Electrotherapy (Faradic current, Galvanic current Etc)
23.	Thera band Set	
24.	Combo Unit	Current channel: 2 independent Ultrasound: 01 Ultrasound Frequency: 1-3 MHz Ultrasound: Continuous & Pulse. Pulse Frequency / duty cycle : 100Hz/5%, 10%, 20%, 50%. Intensity: 0-3 W/cm2 (Pulse) 0-2 W/cm2 (Continuous) Programmable positions: 10 single, 10 Sequential Pre-programmed. 50Type mains adapter: ENA-1550. Main Voltage: 100-240v (50-60Hz). Output: 15 VDC/3,3A Dimensions: 29cm x 28cm x 11cm (W x DXA) Weight: 4kg IFC, Tens, Current forms for Electrotherapy (Faradic current, Galvanic current Etc)
25.	Elbow CPM	
26.	Electric Beds	
27.	Tilt Tables	
28.	Transfer Board Flat	

29.	Hydraulic Beds for Exercise	
30.	Easy Stand Stand Frame	
31.	Combo Units	
32.	Quadriceps Chair Hamstring with Weight	
33.	Shoulder Pulley wall mounted Resisted with weight	

List of EM Eqpt Med Store Demand FY 2023-2024

34.	EMG Surface Electrode	Disposable Adhesive surface electrode
35.	NCS /EMG Needle	EMG disposable concentric needle electrode needle Ø.35(28G) x 40 mm myoline XP (Made in Italy)
36.	Wheel Chair Normal / Orthopedic	
37.	Commode Chair	
38.	Axillary Crutches	
39.	Incentive Spirometer	
40.	Batteries for motorized wheel chair	12V, 20AH Dry Lead Batteries
41.	Insulated Needle	
42.	Hypodermic Needle	
43.	Transducer for urodynamic	
44.	Pressure Transfusion Tube	
45.	Pressure Dom	
46.	Silicon insole Arch (pair)	European Standard
47.	Silicon Heel Paid (pair)	European Standard

48.	Toe separator	
49.	On Call Glucometer	
Demand List of ALAC (Artificial Limbs, Components, Materials, & Misc) store items FY 2023-2024		
50.	Skin Color Spectrocolorimeter	Skin Color Spectrocolorimeter with accessories with minimum 17 color kit of compatible colors. Should be able to scan human skin color and display on its screen a matching color recipe, Should be able to measure within couple of minutes. Should be portable / handle and powered with rechargeable batteries.
51.	3D Scanning equipment	3D Scanning equipment with accuracy of min 0.1mm. May use Laser, infrared or photogrammetry technology. Should be potable no limit to scanning area. Should be able to be used in medical field and able to scan human scan. Compatible with Ipad. Accessories must include power with lidar sensor. Should have lifetime license.
52.	Treatment/ Examination chair	Continuous electro-mechanical height adjustment with 30 cm lifting height, seat part can be rotated and locked, integrated adjustable leg rest, platform height 40 cm, drawer, storage compartment. Seat height adjustment 970-1,270mm Dimension WxD 750 x 1,300mm Step Platform WxDxH 550 x 750 x 400mm
53.	X-Ray light cabinet	LED lighting, adjustable brightness, glare-free, long service life, Dimensions WxDxH 850 x 24 x 545mm
54.	Combination disc sander and belt sander	Face plate (dia 350 mm) with support table: contact disc and belt tensioning arm (exhaust nozzle dia 100 mm) Electrical equipment Motor protection switch, speed selection switch Dimension WxDxH 820 x 700 x 2,000 mm Belt Width 50 mm Belt Length 2,500 mm Belt Speed Two speeds 15/30 m/s
55.	Vacuum Machine	Two separately controllable vacuum circuits with 6 pc, vacuum outlets, 3pc, ball valves for regulating the vacuum 6 pc, external filters, 2 pc, external water tanks, water tank also serve as vacuum tank, touch screen incl. timer with alarm function and warning signal when water tank is full, incl 755Z44 protective film for touch screen. Pressure adjustable 220 mbar (=78 %) Suction Power 25 l/min, 1.5 m ² /h Electrical connection in V/Hz/kW 1 x 230 N/PE/50/0.11
56.	Hot Air Gun	Hot air gun Temperature Range 40 – 700 C Air Volume 240 l/min Electrical Connection in V/Hz/kW 1 x 230 N/PE /50-60 /1.6 Weight not more than 1.4kg
57.	Hand Sealing Iron	Temperature control, heating surface covered with Teflon welding tape, with pad Temperature range 100 – 180 C Electrical connection in V/Hz/kW 1 x 230 N/PE/50-60/0.2
58.	Teflon Welding tape	For 756E1=220V Hand sealing iron Width 85 mm

		Thickness 0.06 mm Weight 0.011 kg/m
59.	Sanding Drum	With conical attachment, 1 sanding sleeve (80 grit) Material Integral foam Outside diameter 72.5 mm Consumable 749Y8=73x200x80 Sanding sleeve, 80 grit
60.	Sanding Cone	Equipment: with rubber roll, with one sanding sleeve (80grit) Diameter 36/22 mm
61.	Grinding Roll	For bayonet connector on the main axis, Pneumatic grinding roll with bayonet, 71mm, Length with bayonet 240mm width 200mm.
62.	Steel-wire sanding drum	For fits 749Y20 = Threaded connector Equipment with 16 mm bore hole Width 30 mm Outside diameter 150 mm
63.	Clamping Device	Swivels horizontally and vertically Base Plate 150 x 150 mm Total Height (without clamping lever) 240mm Used for clamping suction pipes
64.	Cutter	Cutting height 6 mm Cutting Width 50 mm Weight 1.56 kg
65.	Tube Cutter	Especially compact and handy design, cutting wheel for especially long service lives and especially suitable for stainless steel. Integrated deburring knife, cutting wheel for especially long service lives and especially suitable for stainless steel. Length 185mm (suitable for tubes with diameter of 3-35.
66.	Socket Measuring Device	For socket thigh spacing in cm,
67.	Bubble level	Pelvic sprint level, Aluminum, Length 330mm
68.	Deburring knife	Deburring knife, Material Plastic magazine handle Length 160 mm Weight 0.08 kg To be used for plastic and metals movable and replaceable blade, blade holder extends 100 mm.
69.	Draw knife	Material Steel blade, wooden handle Length 250 mm Width 25 mm
70.	Metal Hacksaw Frame	Material Steel, Plastic Handle Weight 0.82 kg To be used for 300 mm long hacksaw blade.
71.	Boring to insert	Solid carbide DCMT 0702
72.	Boring tool bar with carbide insert	Bar Dia 12mm Bar Length 150mm Right Hand Carbide insert DCMT 0702
73.	Simple type tool setting stand	Shank type tool holder VTS-BT-40
74.	Facing Insert	APMT 1604 PDTR Carbide (European Standard)

75.	Parting Insert	MGMN 200 G Carbide
76.	Boring Insert	SCMT 09T308 NN Carbide
77.	Turning Insert	DCMT 11T304 NN Carbide Right Hand Foot
78.	Solid Carbide Drill Bit	Dia 13mm, Length 150mm, Double Flute Solid Carbide
79.	Solid Carbide Drill Bit	Dia 14mm, Length 150mm, Double Flute Solid Carbide
80.	Tap M8x1.25 Solid Carbide	M8x1.25 Hand Tap Solid Carbide
81.	Tap Solid Carbide	M10x1.50 Hand Tap Solid Carbide
82.	Tap Solid Carbide	M6x1.00. Solid Carbide
83.	Drill Bit	Solid Carbide , Dia 4mm, Length 100mm
84.	Drill Bit	Solid Carbide Dia 6mm, Length 100mm
85.	Ball Nose Cutter	HSS, Dia 5mm, Length 75mm
86.	End Mill Cutter	HSS, Dia 10mm, Length 100mm
87.	Drill Bit Insert	GC 2334/GC 3334, Dia 23mm, Solid Carbide
88.	Drill bits 04mm HSS	04mm HSS 02 flutes
89.	Drill bits 07.2mm HSS	07.2mm HSS 02 flutes
90.	Drill bits 08.5mm HSS	08.5mm HSS 02 flutes
91.	Drill bits 05.2mm HSS	05.2mm HSS 02 flutes
92.	End mills 04.2mm (Solid Carbide)	04.2mm Solid carbide 04 flutes
93.	End mills 05mm (Solid carbide)	05mm Solid carbide 04 flutes
94.	End mills 10mm (Solid carbide)	10mm Solid carbide 04 flutes
95.	End mills 12mm (Solid carbide)	12mm Solid carbide 04 flutes

96.	Ball Nose 05mm (Solid carbide)	05mm Solid carbide 04 flutes
97.	Ball Nose 10mm (Solid carbide)	10mm Solid carbide 04 flutes
98.	Hand Taps M5*0.8 (Solid carbide)	M5*0.8 Solid carbide 3 pieces
99.	Hand Taps M8*1.25 (Solid carbide)	M8*1.25 Solid carbide 3 pieces
100.	Hand Taps M10*1.5 (Solid carbide)	M10*1.5 Solid carbide 3 pieces
101.	L-Key Set	1mm-14mm 14 Pieces with handle
102.	Tool Holder (Turning)	MD JCR-1616-H11
103.	Tool Holder(Turning)	SD JCR-1616-H11
104.	Tool Holder (Parting with Blade)	PKLG-1616 Blade LT BNG-32-3
105.	Turning Inserts (Solid carbide)	DCMT 11T308NN Solid carbide
106.	Turning Inserts (Solid carbide)	DNMG 110408NN Solid carbide
107.	Parting Inserts (Solid carbide)	GCTX3003NN Solid Carbide
108.	Round files rough cut	Rough cut with handle Length 10"
109.	Screw Gauge	Digital Instrument error +,- 0.01mm Measuring range 0-6", 0-150mm
110.	Turning Inserts (Solid carbide)	APMT1604 PDTR Solid carbide
111.	L-Key Bolts	M10*1.5 (85mm Length) (8mm L-Key head)
112.	L-Key Bolts	M8*1.25 (16mm Length) (4mm L-Key head)
113.	ER Spring collet chuck system	ER-32, V3200 18pcs (3—20mm) Code No; 3006-102 similar to vertex
114.	Deluxe type tool setting stand	Tool post; BT-40x1, BT-50x1 Adapter holder; BT-40x2, BT-50x1 Weight: 22-24Kg Code No; 3405-001, 3405-003 similar to vertex
115.	Pin Grinder	Length: 13.0" Weight: 1.2kg Voltage: 220V Power: 400Watt

		Speed: 2,5000RPM Current: 3.0Amp
116.	Automatic Wood Edge Bending Machine with trimming and buffing function	Size: 16 x 14 x 14.5" Voltage 220 Power: 1200Watt Temperature: 160-200C Edge bending Speed: 20m/min Edge thickness: 0.3 -3mm Edge Width: 8 – 60mm Glue pot capacity: 1000ml Double side Glue coating Single Phase Glue dosage control Speed Control Temperature Control Trimming and Buffing function With three rollers
117.	Hand Grinder	Size: 4" Voltage: 220V Power: 950W Speed: 11,000RPM Weight: 1.8Kg
118.	Screw Driver Set	Shank Length: 3" – 18" Shank Width: 3-10mm Tip Type: Flat And Phillips Qty: 08 Pieces
119.	Pliers	Length: 160, 180, 200, 225mm Hardened Cutting edge Gripping Surface Cutting soft and hard wire Soft Handle
120.	Cross Liner Laser	Automatic self-leveling in a few seconds, exact, fast working without manual alignment, bright laser diodes of high quality for especially good laser line visibility, straightforward and initiative operation, soft grip for a better and more comfortable hold, stand 1.1m Dimensions WxDxH 64 x 125x 115 mm Scope of delivery Protective pouch, stand & batteries included Power supply 3x1.5V LR06 Mignon (AA) Wave Length Laser Glass 2: 635 mm Automatic leveling range 4"
121.	Spinal Casting Aid, complete	Adjustable in just a few steps, adjustable footplate, knee supports and handles, support/anchor points for maximum safety, upper frame with head support. Dimension WxDxH 880 x 650 x 1.860-2, 700 mm Work Space 900 x 750 mm Weight 75 kg
122.	Automated Plaster mixing unit	Vibration motor, spindles for even plaster transport water connection to water line with integrated pump, plaster reservoirs (Volume 1761), splash protection, removable grate, plaster bag ripper, emergency stop switch, grounded plug, holder for plaster mixer. Dimension WxDxH 750 x 1,655 x 1,270 mm Electrical connection in V/Hz/kW 3 x 400 N/PE / 50-60 / 0.3
123.	Work Bench for six person	Six drawers, Airflow suction, electricity and compressed air connection per workstation (consisting of 2 x grounded outlet and 2x compressed air connection) Dimension WxDxH 2,400 x 2,078 x 850mm

		Material Steel, Wood Electrical connection in V/Hz/kW 1 x230 / 50-60 / 3.6 With accessories i.e Suction system for vapours, Vices and clamping aids
124.	Vacuum Pipe	Equipment incl. adapter for vacuum connection, diameter 6 mm, 13 mm, and 25 mm Diameter 35 mm Material Steel Length 410 mm
125.	Conical Vacuum Pipe	For connection to 755T1= 755T2 and 755T6 = vacuum forming workstations Incl. adapter for vacuum connection, diameter 65 mm, 13 mm, and 25 mm
126.	Goniometer	Adjustable Goniometer, Aluminum sole with inset magnets, Rotation disc scale in degrees mm/m, rotatable Dimension WxDxH 250 x 20 x 125
127.	Crystal bead glue	Melting Temp=160, Dia=5mm
128.	Edge banding tape (Roll of 600 feet)	Color=Deoder, no=233, Size=25mm x 0.5mm, PVA (Roll of 600 ft each)
129.	Tool Trolley	05 Drawer Roll cabinet Code No: 3405-144 similar to vertex Drawer size 480x292x75=03 Drawer size 480x292x154=02
130.	Infrared Heating Cabinet	Stainless Steel front Panel and door stainless steel interior once sliding tray with Teflon liner, double swing doors with double glazed viewing window, interior lighting 2 x 25W illuminates, opto-electronic IR measuring head for measuring the material surface temperature, TID controller, temperature continuously variable from 30C – 250C, PLC controller with touch panel, display of nominal and actual value, programmable timer function multilingual user interface, eating process record with graphical gradient display tower light for visualizing the operating status along function Electrical Connection 3phase 50-60Hz, 3.7kW Interior dimensions WxDxH 810 x 580 x 510 mm Panel heating consisting of 8 x 460W infrared quartz tubes with individual reflectors top.
131.	Air Compressor	Volume 300Ltr----400Ltr No of Cylinder 1---2 Moter 4---5 H.P Working pressure 1Mpa
132.	Vernier Caliper	Digital Measuring Range 0-6" , 0-150mm Instrumental error +,- 0.1mm