

## TENDER ITEMS DETAILS WITH SPECIFICATION OF EQUIPMENT AND INSTRUMENTS

N.B.- If warranty period is not specify in the specification, warranty will be minimum one year for that items.

<b>LIST OF SENSORY INTEGRATION EQUIPMENT</b>		
<b>Sl. No.</b>	<b>Name of the Equipment</b>	
1	Mirror ball Motor	
2	LED Mirror ball	
4	Fire Ball mounted on the roof	
5	Sound activated Light	
6	LED Bubble Tube	
7	Optic Fiber	
8	Bubble Tube	
9	Rotating Drum	
10	Chime Frame and Beater	
11	Mirror Chime Bout	
12	Bolster swing	
13	Platform swing	
14	Tyre tube swing	
15	Rope ladder swing	
16	Rhythmic Rocker	
17	Pinspot and Mirror ball	
<b>LIST OF EQUIPMENT FOR SPEECH AND HEARING WING</b>		
<b>Sl. No.</b>	<b>Name of the Equipment</b>	
1	HIPRO	
2	Thudicum's Speculum Set	
4	Killan's speculum set	
5	Laryngeal Mirror set	
6	Posterior rhinoscopic Mirror	
7	Aural Speculum all sizes black finish	
8	Nasal Packing Forceps	
9	Aural Suction Tips ( Micro Suction Adaptor)	
10	Nasal Suction Tips	

## LIST OF PHYSIOTHERAPY EQUIPMENT

Sl. No.	Name of the Equipment	
1	Theraputty	
2	Rowing	
4	Weight Cuffs (Paediatric)	
5	Weight & Puller Exercise (Paediatrics)	
6	Treadmill (Paediatric)	
7	Tilt Table (Paediatric)	
8	Multi Gym (Paediatric)	
9	Grip Exerciser (Paediatric)	
10	Knee Hammer (Paediatric)	
11	Depth Perception Peg Board 1& Common Peg Board 1	
12	Treatment Cuff (6x4x2, 6x4x1)	
13	Height adjustable CP Walker and Rollator (Paediatric)	
14	Standing Frame/Unit (Paediatric)	
15	CP Chair wooden (Paediatric)	
16	Corner Seat / Floor seat pelvic strap (Paediatric)	
17	Crawler (Paediatric)	
18	Beach Ball with different sizes (Paediatric)	
19	Peanut Ball with different sizes	
20	Mini Electrical Muscle Stimulator	
21	Therapeutic Ultrasound Machine (Paediatric, Double Headed)	
22	Therapeutic Mat ( Size 10 ft x 10 ft )	
23	Paediatric Cycle static	
24	Therapeutic Ball ( 55, 65, and 75 Cm – 1 each)	
25	Prone Wedge ( h x l x b) Big= 14"x31'x17", Small= 10"x26"x17") 1 each No	
26	Balance Board – Raxene covered cushion platform size= 45 cmx60cmx 15 cm height	
27	Kaye Walker ( height-48-64 cm ,distance between hand grip 34 cm, frame width 58-60cm,frame length-69-83 cm, user height-137 cm,maximum user wt-39kg,frame wt-3.85 kg.	
28	Trampoline (small)	
29	Wooden benches with cushion and rexene cover :- Small -3ft long,8" height,6" breadth, Big:- 3ft x 12"x8")	

**LIST OF VISION EQUIPMENT**

<b>Sl. No.</b>	<b>Name of the Equipment</b>	
1	Pencil Torch with yellow light	
2	Snellen's chart	
4	Log Mar charts	
5	Illuminated Near vision Test Drum	
6	Infant and Toddler VEP or Vidual Evoked Potential Testing equipment	
7	Lea near vision cards with symbols with cards	
8	Hiding Heidi Low contrast Face Test, Serial No:- 253500 Double sided	
9	Spectacle Occluder item #52327	
10	Occluder Glasses Item # 52851	
11	Lea symbols Chart for vision rehabilitation item No-258000	
12	Leo Learner by doing DVD for interaction with a vision impaired child (790000)	
13	Lea fixation stick	
14	Canon Power shot Tx1 digital camera	
15	Random Dot Butterfly steriopsis test with intermediate sized polarized glasses	

**LIST OF EQUIPMENT FOR PSYCHOLOGICAL EVALUATION**

<b>Sl. No.</b>	<b>Name of the Equipment</b>	
1	Receptive – Expressive Emergent Language Test Thired Edition- (Reel-3)	
2	LPT Linguistic Profile Test	
4	Developmental assessment for Indian infants ( DASSI)	
5	Vinland Social Maturity Scale	
6	Developmental Screening Test ( DST) by Bharat Raj	
7	Denver Developmental Screening Test-II (DDST-II)	
8	Stanford Binet (Indian Adoptation Kulshrestha) Indian Adaptation of Binet Simen Scale	
9	Piaget Sensori motor intelligence scale 0-2 years Piagetian Cognitive Task	
10	Childhood Behavioral Checklist CBCL	
11	Cerebral Palsy and Neuromotor impairment :INCLEAN (INDT-NMI)	
12	INCLEAN Diagonistic Tool for Epilepsy (INDT-EPL)	
13	ADHDT 2	
14	Sanguin Form Board Test (SFBT)	

**PROTHETICS & ORTHOTIC AIDS AND APPLIANCES FOR CHILDREN IDENTIFIED FOR THERAPEUTIC INTERVENTION**

SL. No.	Required AIDs and Appliances	Specification	Remarks
1	Arch Support (Unilateral) with shoes	MCR/PELITE MADE OF ARCH WITH GOOD QUALITY SHOE	<p><b>The rate should be bided in the financial bid documents for</b></p> <p><b>1- Child Age from 0-6 years.</b></p> <p><b>2- Child Age from 7-12 years</b></p> <p><b>3- Child Age above 12 years.</b></p>
2	Arch Support (Bilateral) with shoes	MCR/PELITE MADE OF ARCH WITH GOOD QUALITY SHOE	
3	Medial/Lateral wedge in shoes	GOOD QUALITY INSLOE WITH SHOE	
4	CTEV SHOES LEATHER	GOOD QUALITY INSLOE WITH SHOE	
5	CTEV D.B. SPLINT WITH SHOES	D.B SPLINT FITTED WITH LEATHER SHOES	
6	CTEV SPLINT (UNILATERAL) WITH SANDLE	POLYPROPELENE CTEV SPLINT WITH ALL ADJUSTABLE STARP AND SANDLE	
7	AFO POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET AND SHOULD HAVE FLEXIBILITY WITH SHOE/SANDLE	
8	B/L AFO POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET AND SHOULD HAVE FLEXIBILITY WITH SHOE/SANDLE	
9	SMO/UCBL POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET AND SHOULD HAVE FLEXIBILITY WITH SHOE/SANDLE	
10	B/L SMO/UCBL POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET AND SHOULD HAVE FLEXIBILITY WITH SHOE/SANDLE	
11	KAFO POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT AND SHOE/SANDLE	
12	B/L KAFO POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT AND SHOE/SANDLE	
13	HKAFO POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT, HIP JOINT AND SHOE/SANDLE	
14	BILATERAL HKAFO POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT, HIP JOINT AND SHOE/SANDLE	
15	BILATERAL THKAFO POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT, HIP JOINT AND SHOE/SANDLE	
16	B/L CTHKAFO POLYPROPELENE CUSTOMISED WITH SHOE/SANDLE	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT, HIP JOINT AND SHOE/SANDLE	

17	KNEE ORTHOSIS POLYPROPELENE WITH OR WITHOUT KNE JOINT	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT
18	SWASH BRACE	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT AND HIP JOINT
19	COCKUP SPLINT	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT
20	CUSTOMISED CERVICAL ORTHOSIS	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT AND SOFT PADDING
21	FINGER/TOES SPLINT	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT
22	ELBOW GAITER	MADE OUT OF PRC SHEET WITH PROPER REINFORCEMENT
23	COSMETIC FINGER	MADE OUT OF MEDICAL GRADE SILICON
24	BELOW KNEE PROSTHESIS	ENDOSKELETAL CE/ISO COMPONENTS WITH PP SOCKET, ADAPTER, PYLON, SACH FOOT WITH OTHER ACCESSORIES
25	ABOVE KNEE PROSTHESIS	ENDOSKELETAL CE/ISO COMPONENTS WITH PP SOCKET, 4 -BAR KNEE JOINT, ADAPTER, PYLON, SACH FOOT WITH OTHER ACCESSORIES
26	HIP DISART PROSTHESIS	ENDOSKELETAL CE/ISO COMPONENTS WITH PP SOCKET, 4 -BAR KNEE AND HIP JOINT, ADAPTER, PYLON, SACH FOOT WITH OTHER ACCESSORIES
27	BELOW ELBOW PROSTHESIS	COSMETIC / MECHANICAL PROSTHESIS
28	ABOVE ELBOW PROSTHESIS	COSMETIC / MECHANICAL PROSTHESIS

# SENSORY INTEGRATION

## Sensory Integration Equipment

### 1. PINSPOT AND MIRROR BALL BUNDLE

TECHNICAL SPECIFICATIONS		
Name	<b>Pinspot and Mirror Ball Bundle</b>	
<p>Pin-spot and Mirror Ball Bundle/Visual: Shine the pin-spot onto the mirror ball to create hundreds of mirrored reflections around the room.</p> <p>Operates on mains voltage. 20cm ball and 15 cm chain is to be provided</p> <div style="text-align: center;">  </div>		
1	Clinical purpose	Shine the pin-spot onto the mirror ball to create hundreds of mirrored reflections around the room.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Mains powered motor to spin mirror balls or other light hanging items;</li> <li>- Fixed 2 RPM rotational speed;</li> <li>- Designed to use power from a lighting circuit;</li> <li>- Load limit of 4kg at mirror ball motor;</li> <li>- Shaft with pre-drilled hole for mirror ball connection;</li> <li>- Should operate on 220VAC/50Hz;</li> <li>- Should be provided with 20cm ball and 15cm chain with safety ring to prevent detachment of the rotating ball;</li> <li>- Pinspot should have 4 different color wheel;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit could be cleaned using alcohol based cleaning agents.
4	Warranty	3 Years
TECHNICAL SPECIFICATIONS		
5	Documentation	<ul style="list-style-type: none"> <li>- User, technical and maintenance manuals to be supplied along with machine diagrams;</li> <li>- Contact details of manufacturer, supplier and local service agent to be provided</li> </ul>

## 2. MIRROR BALL MOTOR

TECHNICAL SPECIFICATIONS		
Name	<b>Mirror Ball Motor</b>	
		
1	Clinical purpose	This ceiling-mounting box contains a motor that will rotate mirror ball at a stately 2 RPM. Fitted with 1m (approx.) mains lead and plug.
2	Technical characteristics	<ul style="list-style-type: none"><li>- Mains powered motor to spin mirror balls or other light hanging items;</li><li>- Fixed 2 RPM rotational speed;</li><li>- Designed to use power from a lighting circuit;</li><li>- Load limit of 4kg;</li><li>- Shaft with pre-drilled hole for mirror ball connection;</li><li>- Should operate at 220VAC/50Hz;</li></ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit could be cleaned using alcohol based cleaning agents.
4	Warranty	3 Years
5	Documentation	<ul style="list-style-type: none"><li>- User, technical and maintenance manuals to be supplied along with machine diagrams;</li><li>- Contact details of manufacturer, supplier and local service agent to be provided;</li></ul>

### 3. LED MIRROR BALL

TECHNICAL SPECIFICATIONS		
Name	<b>LED Mirror Ball</b>	
		
1	Clinical purpose	LED Mirror Ball features a 6inches diameter ball covered with crack-resistant mirror tiles, a battery/mains-operated rotating motor with a silver chain, and multi-colored LED lights mounted in the motor.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- 6inches diameter disco mirror ball;</li> <li>- Rotating motor with LED lights;</li> <li>- Attached silver chain and ring;</li> <li>- On/off switch and sound activation;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit could be cleaned using alcohol based cleaning agents.
4	Warranty	3 Years
5	Documentation	<ul style="list-style-type: none"> <li>- User, technical and maintenance manuals to be supplied along with machine diagrams;</li> <li>- Contact details of manufacturer, supplier and local service agent to be provided;</li> </ul>

#### 4. FIRE BALL -MOUNTED ON THE ROOF

TECHNICAL SPECIFICATIONS		
Name	<b>Fire ball -mounted on the roof</b>	
		
1	Clinical purpose	This classic light effect fires narrow beams of light around the room as it rotates.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have wide coverage;</li> <li>- Perfect for ceiling or desk mounting;</li> <li>- Should have 100,000 hours LED life span (approx.);</li> <li>- Should operate at 220VAC/50Hz;</li> <li>- Should have min 4 revolutions per minute;</li> <li>- Should have max. weight: 2kg;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit could be cleaned using alcohol based cleaning agents.
4	Warranty	3 Years
5	Documentation	<ul style="list-style-type: none"> <li>- User, technical and maintenance manuals to be supplied along with machine diagrams;</li> <li>- Contact details of manufacturer, supplier and local service agent to be provided;</li> </ul>

## 5. SOUND ACTIVATED LIGHT

TECHNICAL SPECIFICATIONS		
Name	<b>Sound Activated Light</b>	
		
1	Clinical purpose	This classic light effect multicolor light around the room.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have sound activation system inbuilt;</li> <li>- Fully Automatic LED Compact Border;</li> <li>- Cycle Light for Indoor Use;</li> <li>- Lightweight;</li> <li>- Adjusting speed and sound sensitivity;</li> <li>- Should have low power consumption;</li> <li>- Should operate at 220VAC/50Hz;</li> <li>- Should have 100,000 hours LED life span (approx.);</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit could be cleaned using alcohol based cleaning agents.
4	Warranty	3 Years
5	Documentation	<ul style="list-style-type: none"> <li>- User, technical and maintenance manuals to be supplied along with machine diagrams;</li> <li>- Contact details of manufacturer, supplier and local service agent to be provided;</li> </ul>

## 6. LED BUBBLE TUBE

TECHNICAL SPECIFICATIONS		
Name	<b>LED Bubble Tube</b>	
		
1	Clinical purpose	This light change in tube while touching around the light.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Adjusting speed and sound sensitivity;</li> <li>- Should have low power consumption;</li> <li>- Should operate at 220VAC/50Hz;</li> <li>- Tubes should made of thick acrylic plastic, not glass;</li> <li>- The LED light of Bubble tube should slowly change color whilst small bubbles rise continuously;</li> <li>- Should have min. 10,000 hours LED life span (approx.);</li> <li>- Minimum Dimensions: 75mm diameter x 500mm height;</li> <li>- Bubble tube with a vibrator and Led light which changes colors with mirror on two sides;</li> <li>- Should have low power consumption;</li> <li>- Should operate at 220VAC/50Hz;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit could be cleaned using alcohol based cleaning agents.
4	Warranty	3 Years
5	Documentation	-Technical manual to be provided

## 7. OPTIC FIBERS

TECHNICAL SPECIFICATIONS		
Name	<b>OPTIC fibers</b>	
		
1	Clinical purpose	Fiber optics with transparent light.
2	Technical characteristics	<p>Should have flexible fiber optic with PVC covered;</p> <ul style="list-style-type: none"> <li>- Cable does not get hot (there is no current or heat through cable);</li> <li>- Should have ability of changing colors with remote control;</li> <li>- Perfect for sensory rooms, schools, hospitals, care homes;</li> <li>- 30 x PVC covered side glow fiber (triple fiber) optic 3.2 mm;</li> <li>- Should have low power consumption;</li> <li>- Should operate at 220VAC/50Hz;</li> <li>- Should have min. 10,000 hours LED life span (approx.);</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	3 Years
5	Documentation	-Technical manual to be provided

## 8. Blue LED Lights

TECHNICAL SPECIFICATIONS		
Name	<b>Blue LED Lights</b>	
1	Clinical purpose	To provide blue light in room.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have blue LED light</li> <li>- Bulb type: replaceable blue LED</li> <li>- Should have sensory technology</li> <li>- Should have low power consumption;</li> <li>- Should operate at 220VAC/50Hz;</li> <li>- Should have min. 10,000 hours LED life span (approx.);</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	3 Years
5	Documentation	-Technical manual to be provided

## 9. BLUE LED LIGHT CHAIN

TECHNICAL SPECIFICATIONS		
Name	<b>Blue LED light chain</b>	
		
1	Clinical purpose	Chain of light, which provide blue color light.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have 150 bulb blue LED light chain;</li> <li>- Bulb type: replaceable blue LED;</li> <li>- Should have low power consumption;</li> <li>- Should operate at 220VAC/50Hz;</li> <li>- Should have min. 10,000 hours LED life span (approx.);</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	3 Years
5	Documentation	-Technical manual to be provided

## 10. BUBBLE TUBE

TECHNICAL SPECIFICATIONS		
Name	<b>Bubble Tube</b>	
		
1	Clinical purpose	Color Changing LED with lamp in water tube, floor standing lamp light
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Bubble tube lamp with silver base - Color changing LED lighting;</li> <li>- Supplied with 6 multi colored ;</li> <li>- Integrated controller for variable bubble stream;</li> <li>- Creates a calming, relaxing atmosphere - Ideal for homes, schools, sensory rooms, workplaces... and more;</li> <li>- Height : 900 mm (35.4 Inches);</li> <li>- Should have min. 10,000 hours LED life span (approx.);</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	3 Years
5	Documentation	- Technical manual to be provided

## 11. ROTATING DRUM

TECHNICAL SPECIFICATIONS		
Name	<b>Rotating Drum</b>	
 <p>Rotating Drum: A large drum containing brightly coloured balls and bells. Dimension: 300mm L x 230mm D.</p>		
1	Clinical purpose	A large wooden slater drum containing brightly colored balls and bells.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have a wooden base to keep it stable;</li> <li>- Should have a wooden slatted drum;</li> <li>- Should have colored balls (min. of 10);</li> <li>- Should have integral bells;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year

## 12. CHIME FRAME AND BEATER

TECHNICAL SPECIFICATIONS		
Name	<b>Chime Frame and Beater</b>	
		
<p>Chime Frame and Beater: Six colourful wooden chimes, suspended within a strong wooden frame. The beater is attached to the frame to prevent loss. Dimensions: 370mm L x 270mm H.</p>		
1	Clinical purpose	Six colorful wooden chimes, suspended within a strong wooden frame
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Six colorful wooden chimes, suspended within a strong frame;</li> <li>- Complete with Beater attached;</li> <li>- Should have 370mmL x 270mmH in sizes;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year

### 13. MIRROR CHIME BOUT

TECHNICAL SPECIFICATIONS		
Name	<b>Mirror Chime bout</b>	
		
1	Clinical purpose	Mirror Chime bout found in Child Development Centers, Nurseries and Special Schools worldwide.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have a wooden stand with six extending arms each holding mirror/colorful strips and chime bells, which provide a stunning visual and auditory effect;</li> <li>- Should have acrylic strips of mirror Perspex faced and buffed edge, which respond to the slightest touch, making this a very visual toy;</li> <li>- Should have feature of mountable on a freestanding base.</li> <li>- Height :approx.24cm, Base diameter: approx. 20cm;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year

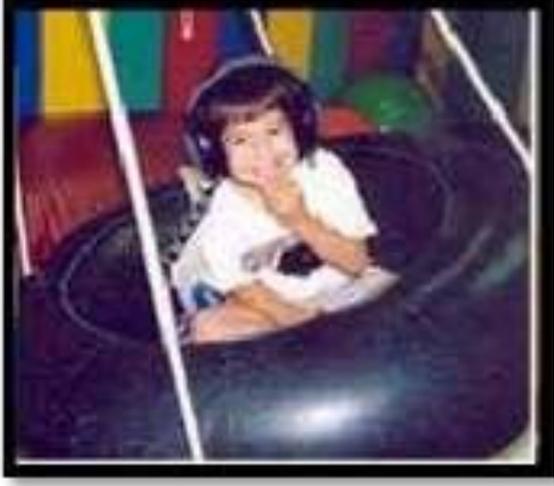
## 14. BOLSTER SWING

TECHNICAL SPECIFICATIONS		
Name	<b>Bolster swing</b>	
		
1	Clinical purpose	Bolster swings are a must for sensory integration therapy as they encourage righting reactions, adjustments to linear acceleration and motor planning.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have vinyl-covered base on either side by simply flipping the bolster over;</li> <li>- Should have one side is high-density foam padding; the other side is padded with low-density foam;</li> <li>- Should have min. 4 feet in length and max. 1 feet in diameter;</li> <li>- Should have max load 180Kgs;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year
5	Documentation	-Technical manual to be provided.

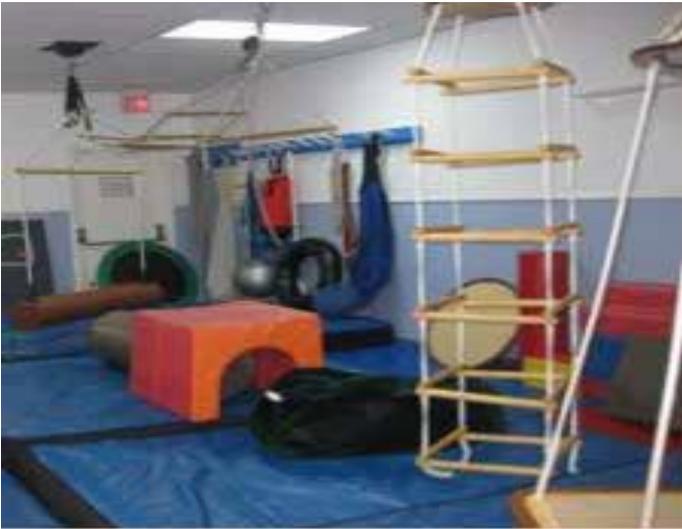
## 15. PLATFORM SWING

TECHNICAL SPECIFICATIONS		
Name	<b>Platform swing</b>	
		
1	Clinical purpose	Platform swings are a must for sensory integration therapy as they encourage righting reactions, adjustments to linear acceleration and motor planning.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have vinyl-covered base;</li> <li>- Should have one side is high-density foam padding; the other side is padded with low-density foam;</li> <li>- Should have min. 3 feet in length and max. 2 feet in width;</li> <li>- Should have max load 180Kgs;</li> <li>- Ball bearing technology should be removed as there is no such requirement of rotary motion.</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year
5	Documentation	-Technical manual to be provided

## 16. TYRE TUBE SWING

TECHNICAL SPECIFICATIONS		
Name	Tyre tube swing	
		
1	Clinical purpose	Tyre tube swings are a must for sensory integration therapy as they encourage righting reactions, adjustments to linear acceleration and motor planning.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have dual axis hanging feature;</li> <li>- Should provide inflating pump with measuring gauge. The air nozzle should be on the outer side of the tube for safety from injury</li> <li>- Should have max load 180Kgs;</li> <li>- Should have heavy duty hanger with ball bearing to support up to 60 min continuous swing;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year
5	Documentation	-Technical manual to be provided

## 17. ROPE LADDER SWING

TECHNICAL SPECIFICATIONS		
Name	<b>Rope ladder swing</b>	
		
1	Clinical purpose	Little acrobats can train their balance strength and power
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have a wooden bar that can be used as a seat or gymnastic bar</li> <li>- Should have sturdy synthetic rings which give a strong hold to little hands while exercising and the synthetic rope can securely be affixed with the metal rings.</li> <li>- Should have max 200cm in length</li> <li>- Should have min. load capacity 60 kg</li> <li>- Should have heavy duty hanger with ball bearing to support up to 60 min continuous swing;</li> <li>- Age 3+</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year
5	Documentation	-Technical manual to be provided

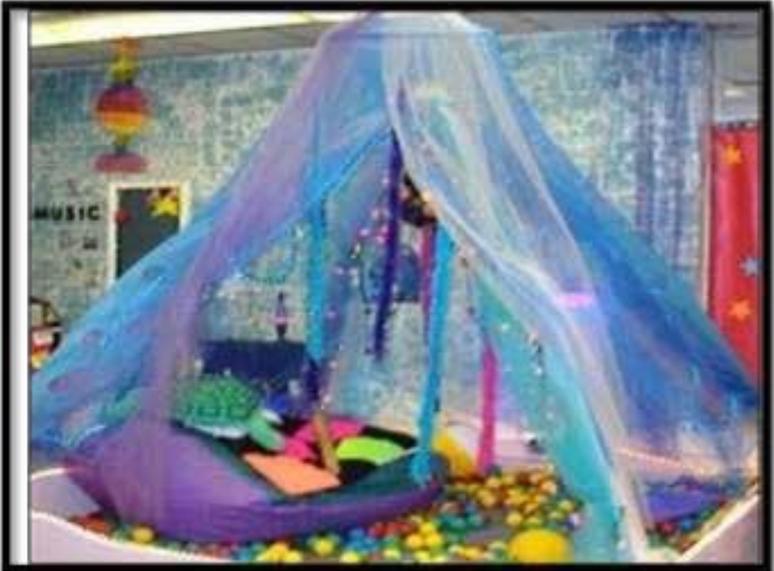
## 18. RHYTHMIC ROCKER

TECHNICAL SPECIFICATIONS		
Name	<b>Rhythmic Rocker</b>	
		
1	Clinical purpose	Rhythmic rocking is a must for sensory integration therapy as they encourage righting reactions, adjustments to linear acceleration and motor planning.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have rocking feature;</li> <li>- Should have easy grip handles;</li> <li>- Should have non-slip footsteps;</li> <li>- Should have soft huggable body;</li> <li>- Should have min. load capacity 60 kg;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year
5	Documentation	-Technical manual to be provided

## 19. BALANCE BOARDS

TECHNICAL SPECIFICATIONS		
Name	<b>Balance boards</b>	
		
1	Clinical purpose	Balancing board featuring an unprecedented range of motion and variety of difficulties holds. It helps students in exploring entire 360 pendulum-like range of motion as they build balance, confidence, control levels and begin their solo attempts
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have unbreakable board with 1/2 Dia sphere at the tip of its pedestal that support free floats;</li> <li>- Should have height adjustment feature ;</li> <li>- Should have non-slip footsteps;</li> <li>- Should have main. load capacity 60 kg;</li> <li>- The top shoud have detachable texture Rug covering.</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year
5	Documentation	-Technical manual to be provided

## 20. BALL POOL

TECHNICAL SPECIFICATIONS		
Name	<b>Ball Pool</b>	
		
1	Clinical purpose	Provide multi-sensory tactile stimulation as preschoolers balance, adjust, and move through them.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have vinyl-covered base;</li> <li>- Should have one side is high-density foam padding; the other side is padded with low-density foam;</li> <li>- Should have inner measurement min. 5 feet in length and 5 feet in width;</li> <li>- Should have min. 750 multicolor soft plastic material balls;</li> <li>- Should have 4 in. thick foam walls 2 feet. height</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year
5	Documentation	- Technical manual to be provided

## 21. TUNNEL

TECHNICAL SPECIFICATIONS		
Name	<b>Tunnel</b>	
 		
1	Clinical purpose	Stimulate the imagination for creative playtime.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have durable polyester fabric in bright colors;</li> <li>- Should have one side is high-density foam padding; the other side is padded with low-density foam;</li> <li>- Should be min. 8 feet in length and 1.5 feet diameter which provides space for easy crawl through fun;</li> <li>- Play Tunnel can attach to other Play hut play structures creating additional play pattern options;</li> <li>- Should have light weight and portable;</li> <li>- Should have 4 in. thick foam walls in circular pattern;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year
5	Documentation	-Technical manual to be provided

## 22. BEAN BAGS

TECHNICAL SPECIFICATIONS		
Name	<b>Bean bags</b>	
		
1	Clinical purpose	For seating purpose
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should be filled with fire retardant polystyrene beads;</li> <li>- Should have durable material in bright colors;</li> <li>- Should have measurements: 60cm x 60cm x 60cm, Bean Refill volume: 2.5 cubic feet;</li> <li>- Should be light weight and portable;</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year

### 23. REAL SIZE ANIMAL TOYS

TECHNICAL SPECIFICATIONS		
Name	<b>Real size animal toys</b>	
 		
1	Clinical purpose	Playing purpose;
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have ultra-soft multicolor fur for realistic feeling</li> <li>- Should available in different choice of animals toys</li> <li>- Should have light weight and portable</li> <li>- Should be washable under washing machine</li> </ul>
3	User's care, Cleaning, Disinfection & Sterility issues	Unit layout to enable easy cleaning of all surfaces.
4	Warranty	1 Year

# SPEECH AND LANGUAGE ASSESSMENT

AREA IN SQ.FT.	EQUIPMENT		REQUIRED STAFF
	ESSENTIAL	DESIRABLE	
10'x11'	Receptive-Expressive Emergent Language Test—Third Edition (REEL-3) for 0-3 years LPT: Linguistic profile test for 3-9 years	Air-conditioner Dr. Speech (software)	Speech-language Pathologists and Audiologist

## 1. Receptive-Expressive Emergent Language Test—Third Edition (REEL-3)

TECHNICAL SPECIFICATIONS	
Name	Receptive-Expressive Emergent Language Test
Used for	language problems
Age Range	Youngsters up to 3 years of age
Other characteristics	The REEL-3 uses the parental observation of the child behavior or guardians to identify major language problems in youngsters up to 3 years of age. It consists of two core subtests--Receptive Language and Expressive Language

## 2. Linguistic Profile Test (LPT)

TECHNICAL SPECIFICATIONS	
Name	Linguistic Profile Test (LPT)
Used for	Assessment and rehabilitation of language related problems
Age range	6+ years to 10+
Clinical purpose	For evaluation as well as a basis for rehabilitation and linguistic retraining of the communicatively disabled children. Meant for school going children from Grade 1 to Grade V age range from 6+ years to 10+; - useful in identifying children with language disorders at particular linguistic levels and also as a baseline for speech-language therapy.

## 1. Hearing Instrument Programmer ( HI-PRO-2)

### Technical Specification

- 1) Universal programming interface for all hearing instrument brand.
- 2) USB Connectivity.
- 3) High Speed Programming mode
- 4) Sleek, Space - Saving Design
- 5) PC Interface: (i)-Communication: USB 2.0 full speed [USB 1.1 Compatible]  
(ii)- USB Connector Type: Type B Connector (on the HI-Pro 2 Unit).
- 6) Power Supply: The Hi-Pro 2 Unit is powered from the PC USB Port.
- 7) Operating Systems: Windows XP SP 2, Windows 7/8/10 (32 & 64 bit).

**2-Thudicum’s Speculum Set-(All Size)**

**3-Killan’s speculum set- All Size, Stainless Steel, Re-usable**

**4-Laryngeal Mirror set** Laryngeal mirror. 1 Angular mirror-2 pieces

To provide indirect vision To retract lips, cheeks, and tongue To reflect light into the mouth.

Accurate image from flat surface mirrors, image magnified with concave mirrors .Stainless Steel.

Fog free with Flat/round ribbed handle. The mirror shall be made of fiber glass and the handle

shall be made of stainless steel 410/420 grade Sizes 1.6mm/size# 000 2.10mm/size#00

3.12mm/Size#0

**5.Posterior rhinoscopic Mirror- (All Size,Stainless Steel)**

**6.Aural Speculum all sizes black finish( All Size)**

**7.Nasal Packing Forceps- Stainless Steel**

**8.Aural Suction Tips ( Micro Suction Adaptor)- All Size**

**9.Nasal Suction Tips-All Sizes**

**VISION ASSESSMENT:**

**1. Infant and Toddler VEP - Visual Evoked Potential Testing equipment.**

<b>TECHNICAL SPECIFICATIONS</b>	
Name	Infant and toddler VEP or Visual Evoked Potential Testing equipment
	<p>These specially designed equipments is non invasive , does not require any pupil dilatation, parent and child friendly , no verbal response required , can tests children 6 months of age and older and helps in objective, functional assessment of the entire pathway and provides Yes/No results for further testing</p> 

1	Clinical purpose	<p>Test offers you objective, functional information about the entire visual pathway using age-appropriate animations and music, with no verbal response required.</p> <p>Child-friendly</p> <p>Tests children 6 months of age and older up to 5 years</p> <p>Intuitive, “Yes/No” results for further vision testing needs</p> <p>Visual Evoked Potential Vision Testing (VEP)</p> <p>Since VEP testing provides important diagnostic information regarding the functional integrity of the entire visual system, it may be useful for the detection and monitoring of many types of visual abnormalities. It is often used to help doctors diagnose neuro-visual disorders in children such as such as optic neuritis, amblyopia, and visual asymmetries caused by refractive errors.</p>
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2	Technical characteristics	<ul style="list-style-type: none"> <li>○ Non Invasive , automated data collection, enhancement and display</li> <li>○ No sedation , No dilatation</li> <li>○ Pattern VEP</li> <li>○ Can be used in children beyond 6 months up to 5 years</li> <li>○ Three sensory pads or electrodes for positioning on scalp</li> <li>○ Should include a computer monitor and should be child friendly either in form of intermittent fun animations or music to attract the attention of the child towards monitor,</li> <li>○ <b>Pattern VEP</b> appears with black and white gratings standard with 5 pixel or better resolution preferably with different contrasts</li> <li>○ Should give thermal print out results in the form of Yes/No</li> <li>○ Sensitivity and specificity to detect amblyopia should be more than 90%</li> <li>○ Time taken to do both tests should be not more than 15 minute</li> <li>○ The device must have a <b>sweep stimulus with the sweep time of at least 300 ms</b></li> <li>○ Luminance &gt; 100 candels per square meter</li> <li>○ Calibrated luminance and color</li> <li>○ An automatic fault detection feature must be incorporated which eliminates recordings contaminated by excessive noise or artifacts.</li> <li>○ Should have a small camera with recording facility to permit the technician to know when the child was not looking at the monitor.</li> </ul>
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## 2. Lea Grating paddles : Lea Grating paddles-

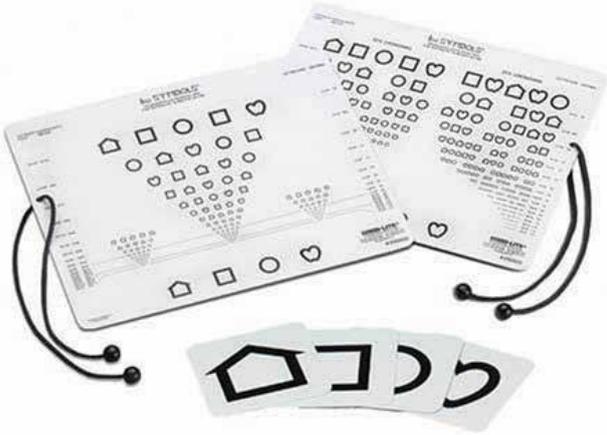
<b>TECHNICAL SPECIFICATIONS</b>		
<b>Name</b>	<b>LEA GRATINGS paddle</b>	
		
1	Clinical purpose	For preferential looking test situations with infants or children and adults with disabilities to determine detection acuity among normal children from birth to 3 years and also among older children suffering from cognitive problems or disabilities.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Grating levels printed on each handle should be: 0.25, 0.5, 1.0, 2.0, 4.0 and 8.0 c/cm (cycles per centimeter of surface);</li> <li>- Should include instructions and storage case. 4 paddles 8" (20 cm) in diameter;</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof surface with plastic/wooden handle;</li> </ul>

### 3. Lea Near single symbol Playing cards-

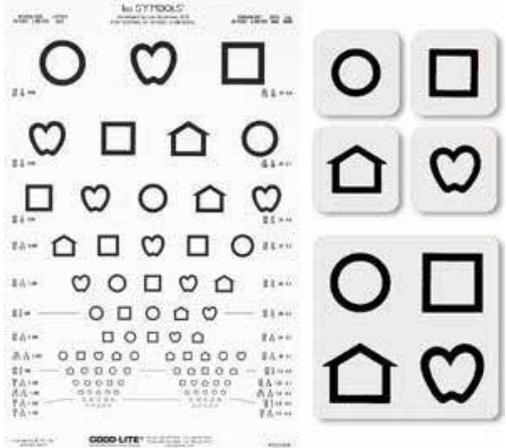
TECHNICAL SPECIFICATIONS		
Name	Near Vision test with Lea symbol (Lea playing card set)	
		
<p><i>These specially designed playing cards make it easy to measure near visual acuity in young children, while teaching concepts of similar/ different, /small, bigger/smaller. The 4 packs contain 16 cards each with symbols of varying sizes: 16M and 10M, 6.3M and 4M, 2.5M and 1.6M, and 1M and 0.63M. Includes training cards and instructions. The paper cards measure 1.6" x 2.75" (4 cm x 7 cm). Serial Number 252500</i></p>		
1	Clinical purpose	For measuring the visual acuity of very young children. It is used in examination of older children with brain damage to reveal the difference between visual acuity values measured with the Playing Cards and with single optotypes, line test and tightly crowded optotypes. It functions also as regular teaching material when a child is learning the concepts of similar/different, big/small, and bigger/smaller.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- The 4 packs should contain 16 cards each with symbols of varying sizes: 16M and 10M, 6.3M and 4M, 2.5M and 1.6M, and 1M and 0.63M;</li> <li>- Should include training cards and instructions.</li> <li>- The paper cards measurement should be 1.6" x 2.75" (4 cm x 7 cm);</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;</li> </ul>

#### 4. LEA Symbols Near Vision Card (16 inches/40 centimeters) -

### TECHNICAL SPECIFICATIONS

Name	LEA Symbols Near Vision Card (16 inches/40 centimeters)	
		
1	Clinical purpose	<p>Lea symbol chart fulfils the criteria to be a good vision screening chart for pre-school children i.e. less than 6 years (3to 5 years) age group for <b>assessing a child's functional vision at near distances</b>. The chart contains very familiar 4 symbols like circle, square, house and apple.</p> <p>This test measures near visual acuity with proportionally spaced (log MAR) lines on the front and lines with 25% and 50% spacing on the back.</p> <p>The tighter spacing often reveals difficulties in seeing tightly spaced details, which should be known when a child is learning to read.</p> <p>Response key printed on test card. The more crowded test with 50% and 25% spacing between the optotypes is a sensitive test to detect the <b>increased crowding phenomenon</b>. 50% spacing means that the space between the optotypes is one half of the width of the optotypes. <i>Older children may be tested using the reverse side of the near vision card where the same symbols are spaced more closely, as if reading in words or sentences. The testing procedure is the same as for binocular testing on the front of the card. The close spacing of the symbols on this test makes it a sensitive test for the detection of mild amblyopia.</i></p>
2	Technical characteristics	<ul style="list-style-type: none"> <li>- All optotypes should be of similar legibility;</li> <li>- Each line should have optotypes size ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent,</li> <li>- Proportional spacing between the optotypes on one side</li> <li>- More tightly-spaced symbols on the opposite side with 25% and 50% spacing ;</li> <li>- Should have 16 inches/40 centimeters -Lea Near Vision Chart;</li> <li>- Should have measuring cord for measuring 16 inches or 40 cm</li> <li>- Student response or training card;</li> <li>- Conditioning Flash cards;</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;</li> <li>- Card size should measure at least 8" x 10" (20.3 cm x 25.4 cm)</li> </ul>

5. LEA Symbols 13-Line Translucent Distance Chart (10 feet/3 meters)

<b>TECHNICAL SPECIFICATIONS</b>		
Name	<b>LEA Symbols 13-Line Translucent Distance Chart (10 feet/3 meters) &amp; Conditioning Flash cards</b>	
		
1	Clinical purpose	Lea symbol chart fulfills the criteria to be a good vision screening chart for pre-school children i.e. less than 6 years (3to 5 years) age group. The chart contains very familiar 4 symbols like circle, square, house and apple.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- All optotypes should be of similar legibility;</li> <li>- Each line should have 5 letters (at visual acuity better than 20/100);</li> <li>- Line sizes range from 20/125 to 20/8 (6/38 to 6/2.4)</li> <li>- Proportional spacing between the optotypes;</li> <li>- Should have 0.1 Log MAR decrements in optotype size;</li> <li>- Should have 10 feet Lea Vision Chart;</li> <li>- Student response card;</li> <li>- Conditioning Flash cards;</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;</li> </ul>

## 6. Lea Symbol Low Contrast 10M Flip chart-

<b>TECHNICAL SPECIFICATIONS</b>		
<b>Name</b>	<b>LEA Symbols Low Contrast 10M Flip chart</b>	
		
1	<b>Clinical purpose</b>	<p>Contrast Sensitivity testing especially low and intermediate contrast levels is important in Communication and orientation in space for a child. This detects and reveals changes in visual functioning that were not detected with the high contrast. Measurement of contrast sensitivity should be a part of routine examinations because vision at high contrast may miss the actual functioning vision of a child especially when the surrounding contrast is low or intermediate. Test to easily measure, record, and detect changes in the transfer of visual information when the change only affects visual acuity at low contrast levels. Test for quick measurement of low contrast visual acuity at 25%, 10%, 5%, 2.5%, and 1.25% contrast by measuring the distance Where the symbols are best seen.</p>
2	<b>Technical characteristics</b>	<ul style="list-style-type: none"> <li>- Each Page should have 5 symbols</li> <li>- Each page should have symbols of one sizes but different contrast ranging from 25%, 10%, 5%, 2.5%, and 1.25% contrast</li> <li>- Proportional spacing between the optotypes;</li> <li>- Should have decrements in contrast but optotype size remaining the same ;</li> <li>- Response card;</li> <li>- Training cards</li> <li>- Recording forms</li> <li>- Instructions ;</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;</li> </ul>

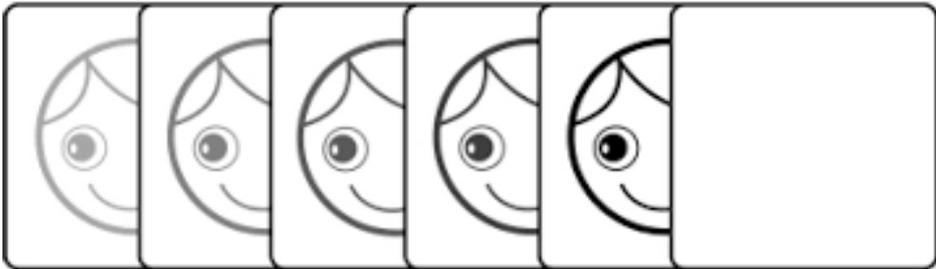
## 7. LEA 3-D Puzzle:

The LEA 3-D Puzzle is designed for training and assessing typically developing toddlers and other young children. The puzzle also serves as an assessment tool for individuals with brain damage or for older children and adults with low cognitive abilities. It Includes instructions and the booklet: Assessing Vision Development through Pictures and Shapes. Tray is 6.75" x 6.75" (17.2 cm x 17.2 cm). The 4 symbol puzzle pieces are 2" x 2" (5.1 cm x 5.1 cm) each.

<b>TECHNICAL SPECIFICATIONS</b>		
<b>Name</b>	<b>Lea Puzzle</b>	
		
1	Clinical purpose	The LEA 3-D Puzzle is designed for supporting the development of the concept of "same", first with colors, then with black & white concrete forms that are prerequisites for the measurement of recognition acuity with the LEA Symbols tests at an early age. During the play you can also observe eye-hand coordination and awareness of directions, concept of "same" which are often problems for children with brain damage, even mild brain damage or among normal children from birth to 3 years.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- The 4 symbol puzzle pieces are approximately 2" x 2" (5.1 cm x 5.1 cm) each. Tray is 6.75" x 6.75" (17.2 cm x 17.2 cm);</li> <li>- Package should have tray, puzzle pieces including the booklet for assessing Vision Development Through Picture and Shapes and instructions;</li> <li>- Should be made water proof material;</li> </ul>

## 8. Hiding Heidi Low Contrast Face Test, serial no. : 253500; Double Sided

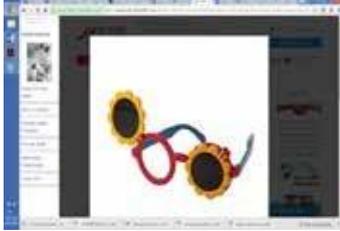
Visual communication is the most important communication method during the first year of life. The ability to detect objects of low contrast is an important component of the visual system. For example, facial expressions are mediated by faint shadows and changes in the contours of the mouth and eyes. Determining the levels of contrast that an infant can detect helps provide baseline data for evaluating future changes. For example, deviations from usual behavior may indicate disorders that leave vision at high-contrast levels unaffected. Hiding Heidi Low Contrast Face Test is available in 2 different versions: **Double Sided:** Four cards printed on both sides in the following contrast levels: black, 25%, 10%, 5%, 2.5%, and 1.25%. Cards are 9" x 9" (23 cm x 23 cm). Includes instructions.

TECHNICAL SPECIFICATIONS		
Name	<b>Hiding Heidi Low Contrast Face Test.</b>	
		
1	Clinical purpose	For assessment of vision for communication, by using low contrast picture of face in children who are unable to respond verbally or by pointing.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Low Contrast Face Test-Should have multiple testing cards with variable contrast between 0-100% contrast;</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;</li> </ul>

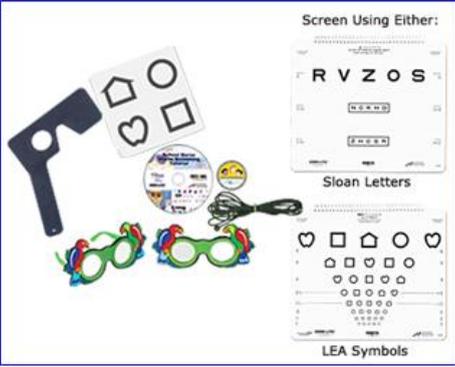
## 9. Heidi Expressions Test Game serial no. 254505

Heidi Expressions Test Game: Some children with brain damage-related vision loss may achieve near normal results in routine vision tests (large visual field and normal or near normal visual acuity), but cannot interpret facial expressions or recognize people's faces. The Heidi Expressions test game improves early evaluation of vision for communication. 18 cards per set. Cards are 4" x 4" (10.16 cm x 10.16 cm). Product Number: 254505

<b>TECHNICAL SPECIFICATIONS</b>		
Name	<b>Hiding Heidi Low Contrast Face Test.</b>	
		
1	Clinical purpose	<p>Perceiving expressions is also a specific visual function. We can assess a child's ability to perceive basic facial expressions and the emotional states related to them by playing with the Heidi Expressions Game that consists of pairs of cards with six basic expressions. Of each expression there are two cards that are exactly alike and a third where Heidi has a bow. If a child does not see the difference in the expressions (s) he/she may pick as the similar ones the cards where Heidi has the bow. In that case we accept the choice as correct because of the bow but ask the child to look whether the two faces are alike: "Is Heidi glad or sad in both pictures?" "When matching the pictures of Heidi without the bow the child may not find the pair even among only a few cards. If the child does not seem to understand what we mean with expressions, a thorough study of expressions is needed.</p>
		<p>Many children have Cerebral Palsy, which may be so mild that it has not required special treatment. If the child's difficulties are not known and understood, his/her behavior may cause misunderstandings and needless negative experiences in social interactions. Therefore, testing of a child's ability to see differences among different facial expressions is an important part of functional visual assessment. Vision impaired children have two different kinds of problems in learning to recognize faces and to interpret: a) they do not see expressions well enough to interpret them (=pathway problem) or b) they have brain damage in the area of face recognition and, therefore, do not recognize differences in people's faces and may also have difficulties in interpreting expressions (= cognitive visual problem). These children are unable to gather information related to faces from the visual information entering the brain because the normal Top-Down demand for face information does not exist. They are unaware of faces. These children should be diagnosed early so that we can use other functions to support their development in communication. The Heidi Expressions Test Game should be included in the assessment of early visual processing whenever a child has symptoms of face blindness.</p>
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have cards with various expressions</li> <li>- Cards should be adequate for each expression to help in matching and the size should be at least 4" x 4" (10.16 cm x 10.16 cm).</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;</li> </ul>

<p>9. Spectacle Occluder Item # 52327</p>	 <p><i>Features a multiple pinhole flipper and an angled handle to keep hand away from mouth during use. Made of impact resistant plastic, it can be sterilized with any non-solvent based germicide Spectacle Occluder</i></p>
<p>10. Occluder Glasses Item # 52851</p>	 <p>These occluding glasses have flip-up sunflowers to permit occlusion of each eye. Supports 55mm to 65 mm PD and recommended for children 3 years to 5 years old.</p>

11. AAPOS Vision Screening Kit item no. # 120

<p style="text-align: center;"><b>TECHNICAL SPECIFICATIONS</b></p>		
<p>Name</p>	<p>AAPOS Vision Screening Kit</p>	
		
<p>1</p>	<p>Clinical purpose</p>	<p>The AAPOS Vision Screening Kit is a basic comprehensive screening kit for screening the vision of individuals beginning at age 3.</p>

## TECHNICAL SPECIFICATIONS

2	Technical characteristics	<p>Should have:</p> <ul style="list-style-type: none"> <li>- Spiral-bound multisided, distance visual acuity eye charts that can be hung on a wall or held in the hands.</li> <li>- Separate for children who know their letters</li> <li>- Separate for children who do not yet know their letters.</li> <li>- Screening is conducted at 10 feet.</li> <li>- Full-Chart Threshold and Single Critical Line formats:</li> <li>- Adhesive Stickers, Roll of 100.</li> <li>- Black hand-held flip paddle Occluder for children.</li> <li>- Children's Fun Frames Occluder Glasses who will not tolerate patches.</li> <li>- 10-foot cord for measuring screening distance between chart and child's or adult's eyes.</li> <li>- Translucent Response Panel for matching.</li> <li>- Instructions printed on one of the eye chart cards.</li> </ul>
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### 12. LEA SYMBOLS® Chart for Vision Rehabilitation item no. 258000

#### Technical specifications

#### LEA SYMBOLS® Chart for Vision Rehabilitation item no. 258000



1	Clinical purpose	This test is designed for testing children and adults with severe visual impairment at a distance of one meter.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have optotypes for acuity tests :</li> <li>- The largest symbols of 50M in size, corresponding to 1m/50M = to 1/50 or decimal visual acuity 0.02, equivalent values 20/1000, 6/300.</li> <li>- The smallest symbols are 1M in size corresponding to 1m/1M = to 1/1 or decimal visual acuity 1.00, equivalent values 20/20, 6/6.</li> <li>- Can be folded and used at a distance of 40 inches/1 meter testing distance</li> </ul>

### 13. Leo Learns by doing- DVD for interaction with a vision impaired child (790000)

 	<p><b>Leo Learns by Doing</b></p> <p>The Leo Learns by Doing DVD is a helpful tool for anyone who interacts with a vision impaired child. Parents, caregivers, relatives, teachers, doctors, and any other person who would like to contribute to the connections with a vision impaired child will find this information valuable. This video tells a story about a vision impaired child named Leo, and his parents, who visit with his vision teacher. The vision teacher shares step-by-step techniques with Leo's parents to help Leo develop and strengthen his non visual senses and skills.</p> <p>Caring for and providing optimistic feedback to a vision impaired infant or child can be challenging. A vision impaired child will need to interact with their surrounding environment differently than a fully sighted child. Techniques are available to help build and refine the non-visual senses and skills in a child with vision impairment as they start to develop from infancy to early toddler years. Early intervention is imperative to successful development and growing in a vision impaired child.</p> <p>Product Number: Price Qty. 1 790000 \$25.00</p>
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### 14. WHAT and HOW Does This Child See? Instructional CD

	<p><b>WHAT and HOW Does This Child See? Instructional CD</b></p> <p>"WHAT and HOW Does this Child See?" is a question that is asked each day by many professionals in early intervention and education about children with disabilities. This book attempts to help you structure your questions so that you can look for answers together with other members of your team. This book is a collection of questions and answers from lectures presented by Lea Hyvärinen, MD, PhD, FAAP, and Namita Jacob, PhD, in a number of countries. It is written for teachers and members of early intervention and rehabilitation teams of children with disabilities, but it also provides valuable information to ophthalmologists, optometrists, neurologists, pediatricians, psychologists, and research workers in early intervention and special education. This CD only contains book text and additional material and resources, including videos.</p>
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15. COVD Pediatric Kit -400444 SKU number

Specifications	
	
Clinical use	<p>The COVD Peds Kit contains everything you need to conduct vision exams with young pediatric patients in your practice. Included in the Kit is a LEA Symbols Pocket Near Card with both proportionally spaced lines in logarithmic progression on one side, and isolated rectangles around the symbols on the other side. You can also quickly and easily screen near vision with the LEA Symbols Runge Pocket Card. The Runge Pocket Card with LEA Symbols features optotypes in descending order ranging from 20/500 to 20/16. If you have difficulty occluding a child's eye for monocular visual acuity testing, then the pair of Frosted Fun Frame Occluder Glasses will make vision testing fun and easy, for both you and your pediatric patient.</p> <p>Also included in the kit are 3 great tools to capture a child's attention: 2 Zoo finger puppets, and 1 Mini Spinning Fixation Globe. These fixation targets will hold your pediatric patients' attention to help you achieve the best exam results possible</p>
Technical	<p>The COVD Kit Contains:</p> <ul style="list-style-type: none"> <li>1 Small Heidi Fixation Target</li> <li>1 Good-Lite Fixation Cube with LEA Symbols</li> <li>1 Good-Lite Fixation Cube with LEA 1 Symbols &amp; Pictures</li> <li>1 Mini Spinning Fixation Globe</li> <li>1 Zoo Finger Puppets</li> <li>1 Frosted Fun Frame Occluder Glasses Set</li> <li>1 LEA Symbols Near Vision Card</li> <li>1 LEA Symbols Translucent Response Panel</li> </ul>

16. Lea Fixation stick

TECHNICAL SPECIFICATIONS		
Name	Lea Fixation Stick	
		
1	Clinical purpose	Lea fixation stick has grating on the other side a 5 cm face or symbol that infants at 3 months typically fix and follow. Pediatric fixation sticks provide a series of detailed accommodation-stimulation targets for the young patient. The targets are calibrated for near. Included is (as examples) a clown face, a dog, a beach ball, etc. Each target is in brilliant color for patient ease.
2	Technical characteristics	<ul style="list-style-type: none"> <li>- The set should consists of three (3) extremely durable plastic sticks with both sides utilized for targets;</li> <li>- Single sticks can be used for performing various tests: unilateral (cover/uncover) test at near, alternating cover test at near, pursuit testing, near point of convergence (NPC), motilities (ductions and versions), vergence facility at near, fixation stability at near in diagnostic positions of gaze, amplitude of accommodation, and accommodative facility;</li> <li>- Dual sticks with different optotypes exposed to the patient can be used for saccade testing;</li> </ul>

## 17. Mini Spinning Fixation Globes



### Mini Spinning Fixation Globes

- o The Mini-Spinner should be only 4 inches (10 cm) tall with a 1 1/2 inch (37 mm) globe where the blue, red and yellow LED's spin.
- o Light pattern should change as ball spins.
- o The button must help for the lights to light and the ball to spin.
- o Should run for a long time on batteries.
- o Should not make any noise or should have two functions namely Function 1 and Function 2
  - a. Function 1 (Spinning + Light + Sound)activates the spinning as well as the light and audio
  - b. Function 2 (Spinning + Light )activates the spinning with no sound
  - c. One can activate any of two functions.

## 18. Canon Power shot TX1 digital camera

### The Canon Power shot TX1 (CP-TX1) digital camera

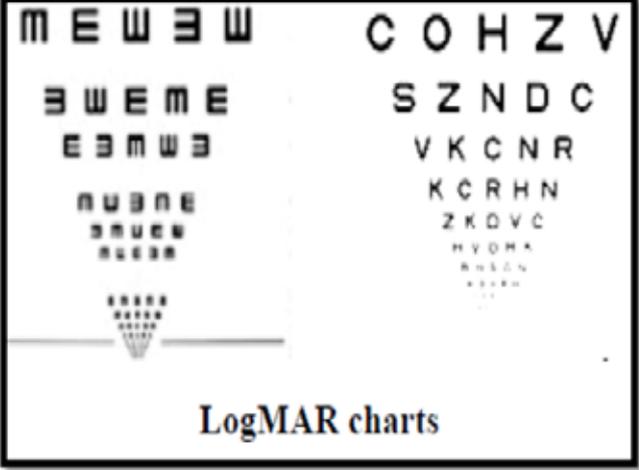


*Beyond photography: evaluation of the consumer digital camera to identify strabismus and anisometropia by analyzing the Bruckner's reflex.*

7.1-megapixel CCD captures enough detail for photo-quality 15 x 20-inch prints and can also take 720p HD Video  
 Ultra-compact 10x optical zoom lens; image stabilization  
 Digid III image processor With Face Detection Technology; auto red-eye correction  
 Vivid, high-resolution 2.5-inch PureColor LCD  
 Compatible with SD/SDHC, MultiMediaCard, MMC Plus cards (not included)



## 19. Log Mar Charts

TECHNICAL SPECIFICATIONS		
Name	Log Mar Charts	
 <p style="text-align: center;">LogMAR charts</p>		
1	Clinical purpose	For pediatric vision testing (visual acuity) in children above 3 years
2	Technical characteristics	<ul style="list-style-type: none"> <li>- The Log MAR charts should maintain a consistent ratio between optotypes and spacing's, no matter what angular sub tense of the optotype is;</li> <li>- Should have minimum 30inch. X 10inch. (Length X Width) size;</li> <li>- Each acuity value should have the same number of optotypes and the interaction of adjacent contours is consistent;</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;</li> </ul>

## 20. Snellen's Chart

TECHNICAL SPECIFICATIONS		
Name	Snellen's chart	
1	Clinical purpose	For testing visual acuity in adults
2	Technical characteristics	<ul style="list-style-type: none"> <li>- Should have 20/20 Vision Activity - Eye Chart;</li> <li>- Should have minimum 30inches X 10inches (Length X Width) size;</li> <li>- The chart should consists of rows of individual black characters printed on a white background;</li> <li>- The first row should be a single large letter, with letters becoming more numerous and successively smaller with each additional row;</li> <li>- Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;</li> </ul>

## 21. Direct Ophthalmoscope

<b>MEDICAL DEVICE SPECIFICATION</b>		
<b>(Including Information on the following where relevant/appropriate, but not limited to)</b>		
DIRECT OPHTHALMOSCOPE		
		
NAME AND CODING		
GMDN name		Ophthalmoscope
GMDN code		CT 1184
GENERAL		
1	USE	
1.1	Clinical purpose	Direct ophthalmoscope is a hand-held and battery powered device containing illumination and viewing optics to examine the cornea, aqueous, lens, vitreous, and the retina of the eye.
1.2	Used by clinical department/ward	NICU & PICU
2	TECHNICAL CHARACTERISTICS	
2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> <li>1. Should be battery operated</li> <li>2. Should have halogen light source</li> <li>3. Should have red-free filters</li> <li>4. Should have small and large spot sizes, fixation targets, slit aperture</li> <li>5. Should have hemi-spot and cobalt blue filter</li> <li>6. Should have wheel control with lens powers ranging from +20D to -35D in single diopter steps up to 10D and 5D steps above that.</li> <li>7. Should have illuminated lens dial</li> <li>8. Should have rubber brow rest</li> <li>9. Should have dust free optics and a spherical optical system</li> <li>10. Should be supplied with a carrying case.</li> <li>11. Should have a sturdy large battery handles with rheostat adjustment.</li> <li>12. Should be supplied with 1 spare bulb.</li> </ol>

2.2	User's interface	Manual
2.3	Software and/or standard of communication(where ever required)	NA
3	<b>PHYSICAL CHARACTERISTICS</b>	
3.1	Dimensions (metric)	Max: 50mm x 50mm x 250mm
3.2	Weight (lbs., kg)	Max: 150 g (excluding battery)
3.3	Configuration	NA
3.4	Noise (in dBA)	NA
3.5	Heat dissipation	Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism
3.6	Mobility, portability	Handheld device
4	<b>ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2 .. )</b>	
4.1	Power Requirements	Recharging unit: Input voltage- 220V-240V AC, 50Hz
4.2	Battery operated	Yes
4.3	Tolerance (to variations, shutdowns)	NA
4.4	Protection	Should have over-charging cut-off with visual symbol.
4.5	Power consumption	
5	<b>ACCESSORIES, SPARE PARTS, CONSUMABLES</b>	
5.1	Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system)	1. Replacement bulb/illumination source -10 Nos. 2. Rechargeable cell battery - 6 Numbers (in case disposable dry cell battery - 72Nos)
<b>BIDDING / PROCUREMENT TERMS / DONATION REQUIREMENTS</b>		
6	<b>ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS</b>	
6.1	Atmosphere / Ambiance (air conditioning, humidity, dust ...)	1. Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 degree 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 50 degree C and relative humidity of 15 to 90%.
6.2	User's care, Cleaning, Disinfection & Sterility issues	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. 2. Sterilization not required.
7	<b>STANDARDS AND SAFETY</b>	
7.1	Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type);Local and/or international	Scanning laser ophthalmoscopes using Class 1 laser are exempt from this requirement: Electrical Safety: IEC 60601-1 Optical radiation hazards with ophthalmoscopes: ISO 10942 or ISO 15004
7.2	Local and/or international	Manufacturer / supplier should have ISO certificate for quality standard.

<b>8</b>	<b>TRAINING AND INSTALLATION</b>	
8.1	Pre-installation requirements: nature, values, quality, tolerance	1. Availability of 5 amp socket; 2. Safety and operation check before handover;
8.2	Requirements for sign-off	Certificate of calibration and inspection from the manufacturer
8.3	Training of staff (medical, paramedical, technicians)	1. Training of users on operation and basic maintenance; 2. Advanced maintenance tasks required shall be documented
<b>9</b>	<b>WARRANTY AND MAINTENANCE</b>	
9.1	Warranty	3 years
9.2	Maintenance tasks	1. Maintenance manual detailing; 2. Complete maintenance schedule;
9.3	Service contract clauses, including prices	The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached;
<b>10</b>	<b>DOCUMENTATION</b>	
10.1	Operating manuals, service manuals, other manuals	Should provide 2 sets(hardcopy) of: 1. User, technical and maintenance manuals to be supplied along with machine diagrams; 2. List of equipment and procedures required for local calibration and routine maintenance; 3. Certificate of calibration and inspection;
10.2	Other accompanying documents	List of important spares and accessories, with their part numbers and cost;
<b>11</b>	<b>NOTES</b>	
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/ad-hoc) to be declared by the manufacturer;
11.2	Recommendations or warnings	Any warning signs would be adequately displayed

## 22. Streak Retinoscope

<b>MEDICAL DEVICE SPECIFICATION</b>		
<b>(Including Information on the following where relevant/appropriate, but not limited to)</b>		
STREAK RETINOSCOPE		
		
Done by : (name / institution)		
NAME AND CODING		
GMDN name	Retinoscope, battery-powered	
GMDN code(s)	CT1512	
GMDN definition	A battery-powered, hand-held, ophthalmic instrument that is used to measure the refractive errors of the eye through the projection of a beam of light into the eye, and the observation of the movement of the illuminated area on the retinal surface and of the refraction of the emergent rays. The batteries may be of the rechargeable type, and are housed within the handle of the instrument. Also known as a skiascope and the method as sciascopy	
GENERAL		
1	USE	
1.1	Clinical purpose	Measure the refractive errors of the eye
1.2	Used by clinical department/ ward	Ophthalmology
TECHNICAL		
2	TECHNICAL CHARACTERISTICS	
2.1	Technical characteristics (specific to this type of device)	<ol style="list-style-type: none"> <li>1. Working distance of 50cm and a+2.0D sphere</li> <li>2. Lamp: 3.5/4V Xenon or 2.5V Halogen; 0.9A</li> <li>3. Should allow one-hand operation for streak focus and 360° streak rotation.</li> <li>4. Should have crossed-linear polarizing filter</li> <li>5. Should have an external focusing sleeve which is easy to grip and manipulate</li> <li>6. Should be interchangeable to plane mirror and concave mirror mode by sleeve movement</li> <li>7. Should use halogen/Xenon streak lamp</li> <li>8. Should have 100% dust proof housing and multi-coated optics.</li> <li>9. Should have detachable brow rest for spectacle wearer</li> </ol>
2.2	User's interface	Scope

2.3	Software and/or standard of communication(where ever required)	in built
<b>3</b>	<b>PHYSICAL CHARACTERISTICS</b>	
3.1	Dimensions (metric)	230 mm length approx. (but not limited to)
3.2	Weight (lbs., kg)	150 gm approx. (but not limited to)
3.3	Configuration	NA
3.4	Noise (in dBA)	NA
3.5	Heat dissipation	NA
3.6	Mobility, portability	Portable
<b>4</b>	<b>ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2...)</b>	
4.1	Power Requirements	Rechargeable Battery only
4.2	Battery operated	Rechargeable battery which can be directly plugged in AC
4.3	Tolerance (to variations, shutdowns)	NA
4.4	Protection	NA
4.5	Power consumption	As per device
<b>5</b>	<b>ACCESSORIES, SPARE PARTS, CONSUMABLES</b>	
5.1	Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system)	Bulb - 5 in number., Bulb holder, Bulb cover and carrying case
<b>BIDDING / PROCUREMENT TERMS / DONATION REQUIREMENTS</b>		
<b>6</b>	<b>ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS</b>	
6.1	Atmosphere / Ambiance (air conditioning, humidity, dust )	Capable of being stored continuously in ambient temperature of 0 to 50 degree C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 degree C and relative humidity of 15 to 90%.
6.2	User's care, Cleaning, Disinfection & Sterility issues	Complete unit to be easily washable and sterilizable using both alcohol and chlorine agents.
<b>7</b>	<b>STANDARDS AND SAFETY</b>	
7.1	Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type);Local and/or international	ISO 13485 certified manufacturer IEC 60601-1: 2005 + CORR. 1 (2006) + CORR. 2 (2007) + AM1 (2012) or IEC 60601-1: 2012 ISO 14971 : 2007 ISO 12865 - Ophthalmic instruments - Retinoscope ISO 15004 - Ophthalmic instruments - General requirements and test methods IEC 6060-1-2 US FDA approved or CE certified product

8	<b>TRAINING AND INSTALLATION</b>	
8.1	Pre-installation requirements: nature, values, quality, tolerance	Supplier to perform installation, safety and operation checks before handover.
8.2	Requirements for sign-off	Certificate of Calibration and inspection from the factory.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operation and basic maintenance shall be provided
9	<b>WARRANTY AND MAINTENANCE</b>	
9.1	Warranty	Three years
9.2	Maintenance tasks	Maintenance manual detailing complete maintaining schedule
9.3	Service contract clauses, including prices	Local clinical staff to affirm completion of installation
10	<b>DOCUMENTATION</b>	
10.1	Operating manuals, service manuals, other manuals	Advanced maintenance tasks required shall be documented User, technical and maintenance manual to be supplied in English language. List to be provided of equipment and procedures required for local calibration and routine maintenance
10.2	Recommendations for maintenance	List to be provided of important spares and accessories, with their part numbers and cost. Certificate of calibration and inspection to be provided.
11	<b>NOTES</b>	
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
11.2	Recommendations or warnings	List to be provided of important spares and accessories, with their part numbers and cost. Certificate of calibration and inspection to be provided.

## 23. Vision testing drum

TECHNICAL SPECIFICATIONS		
Name	Vision testing drum	
		
1	Clinical purpose	For testing distance vision
2	Technical characteristics	<p>Should be Design to suit all refraction rooms and easily mountable on refraction unit and wall</p> <ul style="list-style-type: none"> <li>• Compact &amp; light weight</li> <li>• Remote control with Cord</li> <li>• Pleasing color to match all interiors</li> <li>• Include color deficiency test</li> <li>• The regular sequence of charts should have               <ul style="list-style-type: none"> <li>- English</li> <li>- Hindi</li> <li>- Regional Language</li> <li>- C Chart</li> <li>- Dot Chart</li> </ul> </li> <li>All charts are available up to 6/4 vision (over correction)</li> </ul>
3	Technical Specifications	<ul style="list-style-type: none"> <li>• Power Supply (Main): A/C 230V, 50 Hz, Two or Three Pin Plug, 5A</li> <li>• Battery-Cell: 9V battery-cell for cord-less remote</li> <li>• No battery-cell required for corded remote</li> <li>• Size of Unit: H: 135 mm, W: 340 mm, L: 325 mm</li> <li>• Size of Unit with Packing: H: 180 mm, W: 400 mm, L: 450 mm</li> <li>• Weight of Unit: 9.00 K.G. (Kilograms)</li> <li>• Weight of Unit with Packing: 9.50 K.G. (Kilograms)</li> <li>• Packing: Unit should be supplied with high grade thermocol box plus cardboard box</li> </ul>

## 24. Illuminated Near Vision Test Drum

TECHNICAL SPECIFICATIONS		
Name	<b>Illuminated Near Vision Test Drum</b>	
		
1	Clinical purpose	For testing near vision
2	Technical characteristics	Illuminated near vision test drum with four tests - English, Hindi, any regional language, 'c' and 'e' test

## 25. Random Dot Butterfly stereopsis test with intermediate-sized Polarized glasses

<b>TECHNICAL SPECIFICATIONS</b>		
Name	<b>Random Dot Butterfly stereopsis test with intermediate-sized Polarized glasses</b>	
		
1	Clinical purpose	<p>To rapidly access</p> <p>Amblyopia and Strabismus using gross through fine stereopsis</p>
2	Technical characteristics	<p>Tests for 4800 to 20 sec of arc</p> <ul style="list-style-type: none"> <li>• No Monocular Clues</li> <li>• Includes both Adult and Pediatric Polarized glasses</li> <li>• CE Marked</li> </ul> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>• intermediate-sized Polarized glasses</li> <li>• Tests for 4800 to 20 sec of arc</li> <li>• No monocular clues</li> <li>• Butterfly with LEA - English instructions.</li> </ul>

## EQUIPMENT FOR PHYSIOTHERAPY/OCCUPATIONAL THERAPY

S.NO	EQUIPMENT	SPECIFICATION
1	Therapy ball	
a)	65 cm	Brightly colored, Inflatable by foot pump. Molded heavy duty vinyl ball can support weight up to 150 kg
b)	45cm	
2	Therapy mats- 10ft x10ft	Length 10 ft and breadth 10ft, made up of Rubberized foam, vinyl coated cover, thickness 4 cm, can be wiped clean with a damp cloth
3	Bolster	
a)	2ft long, diameter- 8 inch	Sponge cover on wooden shaft, outside is covered with Rexene, Rexene is fixed to the wooden shaft with thick pins
b)	2ft long, diameter-10 inch	
4	Small roll- 13 inch long, Diameter-3 inch	Sponge roll covered with Rexene
5	Prone Wedge	
a)	Big- Height-14 inch; Length- 31 inch, breadth 17 inches	Foam filled wedges covered with Nylon, fitted with Rexene straps to position the child
b)	Small- Height-10 inch; Length- 26 inch, breadth 17 inches	
6	Balance Board	Rexene covered cushioned platform size 45 cmX60 cmX15cm high
7	Kaye-Walker (height-48-64 cm)	Height 48-64cm, distance between hand grips 34 cm, frame width 58-60cm, frame length 69-83 cm, user height 107-137 cm, maximum user weight 39 kg., frame weight 3.85 kg.
8	Trampoline	Compact round trampoline, shape- round, light jumpers. Dimensions, diameter of the mat 2.5m, surface area of the mat(4.9 meter square), minimum lateral installation clearance(5.5m), Jumper weight rating 80 kg., structural load capacity 380kg., height of the mat above ground 0.8 m, height of the Flexi-net above mat 1.5 m, total height 2.3m
9	Bolster Swing	With nylon rope or straps with hooks to fit in the swing frame. Size 25 cm diameter X 90 cm long

S.NO	EQUIPMENT	SPECIFICATION
10	Wooden Benches with cushion and Rexene cover	Small (3ft long, height 8 inches, breath6 inches),
		Big (3ft long, height 12 inches, breath8 inches)
11	Splints (Ankle Foot Orthosis)	
12	Special chairs with cut-out tray (Tailor made according to need of the child)	
13	Toys (for play and stimulation)	
a)	Small rattles	
b)	squeaky	
c)	Puja bell (clapper bell)	
d)	Soft toy	
e)	Brush for tactile stimulation	
f)	Theraputty	Gluten free, non-toxic, red, yellow and blue colors 
g)	Peg board (Common)	laminated square board having 10 holes to hold smoothly finished solid plastic pegs in five different bright colors
h)	Ball Pool	The dense foam padded mini Ball Pool is Soft, safe and perfect for small children. It provides an excellent sensory stimulating activity. The round pool is 120cm in diameter x 50cm high, & has 10cm thick padded sides. The pool contains 500 multi-color balls of 7cm or 8cm diameter. Pool side and bottom is covered with durable Rexene that easily wipes clean.
i)	Balls of different size	

S.NO	EQUIPMENT	SPECIFICATION
j)	Gaiters	Aluminum/bamboo stick of 8", 10", 12", 14" long inserted in the pocket of thick canvas, 3 Velcro straps to be wound around
k)	Thick handle spoon	Stainless steel spoon, padded handle
l)	Thick handle bent spoon	Stainless steel bent spoon, padded handle
m)	Plastic spoon with long handle (for babies)	Long handle bright color spoon
n)	Plastic glass with rim cut on one side	Plastic glass with one side of the rim is cut to accommodate nose
o)	Stainless steel plates with high rim	High rim to prevent spilling over of food
p)	Spouted cups	Spouted cups

### Physiotherapy equipment

<p><b>1. Therapy ball:</b> Quantity 2 a) 65 cm and b) 45 cm brightly coloured, Inflatable by foot pump. Moulded heavy duty vinyl ball can support weight up to 150 kg</p>	
<p><b>2. Therapy mats:</b> Quantity 10ft x10ft (Length 10 ft. and breadth 10ft), thickness 4 cm, made up of Rubberized foam, vinyl coated cover, can be wiped clean with a damp cloth</p>	
<p><b>3. Bolster:</b> Quantity - 2 bolsters 2 ft. long, diameter- 8 inch and 2ft long, diameter- 10 inch. Sponge cover on wooden shaft, outer side is covered with Rexene, Rexene is fixed to the wooden shaft with thick pins</p>	



A child is encouraged to roll into prone by rolling the bolster backwards

#### 4. Small roll:

13 inch long, diameter -3 inch  
sponge roll covered with Rexene



The child is placed in prone over a roll



A roll is placed under the head to inhibit extensor Tone

#### 5. Prone wedge

Quantity -2 wedges, 1 big and 1 small

Big- Height-14 inch; Length- 31 inch, breadth 17 inches ,

Small- Height-10 inch; Length- 26 inch, breadth 17 inches

Foam filled wedges covered with Nylon, fitted with Velcro straps to position the child



A mother encourages her child to lift her head and trunk by shaking a rattle when the child is placed prone on a wedge.

The child is lifting her head and weight bearing through her arms on a bolster

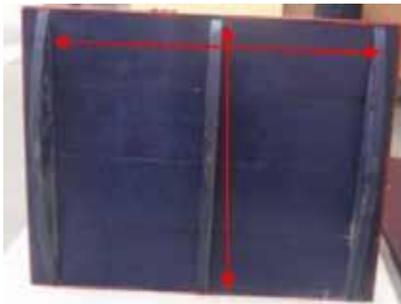


## 6. Balance Board:

Quantity -2

size 45 cmX60 cmX15cm high

Rexene covered cushioned platform



Underside of the Balance board



## 7. Kaye-Walker

Quantity -1

Available in 3 sizes-

Height-37-46 cm, distance between hand grips-34cm, frame width5-58-60cm , frame length-52-59cm , user height-upto 95cm , maximum user weight-27kg , frame weight-3kg

Height-41-55 cm, distance between hand grips-34cm, frame width-60-62cm , frame length-56-62cm , user height-99-122cm , maximum user weight-27kg , frame weight- 3.3kg

Height-48-64 cm, distance between hand grips-34cm, frame width- 58-60cm, frame length- 69-83cm, user height- 107-137cm, maximum user weight- 39kg, frame weight-3.85kg



## 8. Bolster Swing

Quantity -2

1 big - 300mm diameter and 1.5 meter long

1 small-300mm diameter and 1.2 meter long

Size 25 cm diameter X 90 cm long

Swing with nylon rope or straps with hooks to fit in the swing frame.



<p><b>9. Wooden Benches with cushion and Rexene cover</b></p> <p>3ft long and 4, 6, and 8 inches height, breath 6 inches- Quantity-3 (one each)</p> <p>1 Big (3ft long, height 12 inches, breath 8 inches)</p>	
<p><b>10. Splints (Ankle Foot Orthosis)</b></p>	
<p><b>11. Modified chairs (wooden with cushion covered with Rexene)- Custom made</b></p> <p>Quantity-1</p> <p>Child sits in a modified chair with a cut-out tray in front. The chair has castors for easy transportation</p>	
<p><b>12. Cut-out floor table (2ft×2ft)</b></p> <p>Quantity - 2</p>	
<p><b>13. Floor seat (Pelvic strap):</b></p> <p>Quantity -2</p>	
 <p>Child sits in a floor seat with a cut-out floor table in front</p>	
<p><b>14. Trampoline</b></p> <p>Quantity -1</p>	
<p><b>15. Looking mirror</b></p> <p>Fixed all around the wall adjacent to the floor at a height of 4 feet and 3 inches above the ground is used for Self-recognition in the child.</p>	

## Utilities of therapy equipment

Therapy ball	A useful tool to facilitate movements of head and trunk against gravity. It provides vestibular stimulation. It helps to improve balance reactions. Rolling can be facilitated using righting reactions. It helps to increase tone up to an optimal level for a child with low tone. Rhythmic movements on the ball help to reduce hypertonia and thus prepare a child for more normal patterns of movements.
Therapy mats	Parents and professionals sit on the mats. Therapy is done on the mat. As the mats are placed on the floor, the child feels much secured and dispel fear of falling down from a height in the child and thus rule out any injury due to fall. The mats are easy to clean.
Bolster	Used for proprioceptive, vestibular input. Various movements can be facilitated on a bolster such as head and trunk extension, rotation of trunk in sitting and rolling over. Co-contraction of shoulder girdle muscles can be facilitated through weight bearing through arms in a prone position and gentle rocking movements forward to back helps to facilitate the child's weight shifting ability through arms. Righting reactions can be improved with slight rolling of the bolster to both sides putting the child in an astride position.
Small roll	Used for babies and infants for positioning and to facilitate head control in prone. When placed under the occiput, it helps to maintain elongation of the back of the neck and reduce extensor tone in infants with ATNR and opisthotonic posture.
Prone Wedge	Used for positioning a child in prone, facilitates head control as the effect of gravity is much eliminated.
Balance Board	Improves balance in sitting or in a standing position. Instability invokes equilibrium reactions and thus improves stability in standing and walking.
Trampoline	Used for proprioceptive and vestibular stimulation especially for children with sensory integration disorder.
Kaye-Walkers	A walking aid that facilitates extension of trunk, hips, and knees for children with spastic Diplegia.
Modified chairs	Seating children with Cerebral palsy, modified according to the needs of the child.
Splints	Used to keep the joints in neutral positions and provide stability.
Wooden Benches	Used as therapy tool to facilitate standing and cruising. Cruising is particularly important to reduce adductor spasticity and simultaneously facilitates extension and external rotation of hips and extension of knees when the child shifts her body weight sideways. A child can stand in a modified plantigrade position (weight bearing on extended arms while standing on her feet) and gentle rocking forward and backward facilitates weight bearing through both arms and legs. Such rocking movements also help in improving balance reactions in preparation of walking with walking aids like elbow crutches or rollator or a Kaye-walker.
Bolster Swings	For vestibular stimulation, used for children with sensory integration disorder.

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**1-Therapeutic Ultrasound Machine** ✓

**NAME AND CODING**

**GMDN name-Therapeutic Ultrasound Machine**

Definition-Ultrasound is a method of stimulating the tissue beneath the skin's surface using very high frequency sound waves, between 800,000 Hz and 2,000,000 Hz, which cannot be heard by humans. Therapeutic ultrasound in physical therapy is alternating compression and rarefaction of sound waves with a frequency of >20,000 cycles/second

**GENERAL USE**

**1.1-Clinical purpose** For treatment of painful conditions involving the musculoskeletal and neuromuscular structures

**1.2-Used by clinical department/ward**-It is used in physiotherapy,neurology,trauma care .

**1.4-Overview of functional requirements-**

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**TECHNICAL**

**2-TECHNICAL CHARACTERISTICS**

- It should be double frequency ultrasound machine.
- Modes of operation should be in continuous and pulsed
- It should have at least in 4 different settings for Pulse ratio.
- Maximum output 2.5-3 watts/Sq.cm.
- Output frequency 1 MHz and 3MHz
- Treatment time should be adjustable from 0-99 minutes
- Automatic alarm should be their on completion of the treatment.
- Digital LCD display to indicate the output in w/cm<sup>2</sup> and other required services.
- .All settings should be provided using keys/touch panel.
- Both the transducer should be high quality water resistant (minimum IPX 5)
- The beam type :Divergent/Collimated
- Transducer :The Effective radiating area should be of 0.5 to0.8 for 1MHz and 0.4 to 0.6 for 3MHz.
- The BNR for both the transducer should be 4-6.

**2.2-Settings**-Treatment time,frequency selection,pulse ratio etc.

**2.3-User's interface**-manual

**2.4-Software and/or standard of communication(wher ever required)**-inbuilt.

**3-PHYSICAL CHARACTERISTICS**

**3.1-Dimensions (metric)**-Stand alone

**3.2-Weight (lbs, kg)**-<5kg

**3.3-Configuration**-NA

**3.4-Noise (in dBA), heat dissipation**-NA

**3.5-Mobility, portability**-Table top

*Prishore*  
*Sunita Nand*  
*Sonal Patra*

*Da*

4-ENERGY SOURCE (electricity, UPS)

4.1-Power Requirements-NA

4.2-Battery operated-NA

4.3-Tolerance (to variations, shutdowns)-NA

4.4-Protection-NA

4.5-Power consumption-NA

4.6-Other energy supplies-NA

5-ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1-Accessories (mandatory, standard, optional)-

5.2-Spare parts (main ones)-

5.3-Consumables / reagents (open, closed system)-

6-ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1-Atmosphere / Ambiance (air conditioning, humidity, dust ...)-

Operating condition: Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances. an ambient air velocity is less than 0.3 m/s.

6.2-User's care, Cleaning, Disinfection & Sterility issues-Complete unit to be easily washable and sterilizable using both alcohol and chlorine agents.

7-STANDARDS AND SAFETY

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

- ISO 13485;Manufacturer / supplier should have ISO certificate for quality standard. Should be USFDA / CE(notified) approved product or BIS certified
- Safty standard to meet IEC 60601

8-TRAINING AND INSTALLATION

8.1-Pre-installation requirements: nature, values, quality, tolerance-Supplier to perform installation, safety and operation checks before handover.

8.2-Requirements for sign-off-Certificate of Calibration and inspection from the factory.

8.3-Training of staff (medical, paramedical, technicians)-Training of users in operation and basic maintenance shall be provided

9-WARRANTY AND MAINTENANCE

9.1-Warranty-1 year.

9.2-Maintenance tasks-maintenance manual detailing complete maintaining schedule

9.3-Service contract clauses, including prices-

9.4-Others-

10-DOCUMENTATION

10.1-Operating manuals, service manuals, other manuals-Required

10.2-Other accompanying documents-Demonstration CDs

10.3-Recommendations for maintenance-NA

11-NOTES

11.1-Service Support Contact details (Hierchy Wise; including a toll free/landline number)-NA

11.2-Recommendations or warnings-NA

P. Kishore

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Sonalika Patra

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- Child can scale the side of a castle, mountain, or ship with this ladder
- Manufacturer Should be ISO certified

### 10-PEDIATRIC TREADMILL

The Paediatric Treadmill should be used from the age of 4 years and up to 12 years old. Specialize application for rehabilitation and longitudinal testing of young children with chronic diseases.

#### Specifications

- The treadmill should includes control unit of inbuilt programmable protocols.
- Elevation: 0 to 25 %
- Rehab speed: 0.1 to 12 km/h.
- start speed 0 km/h
- Standard running surface: 120 x 50 cm
- Standard pre-programmed protocols: Bruce & Balke
- Maximum patient weight: 100 kg
- Emergency stop: with magnetic lanyard
- Low noise level
- No belt-greasing required
- Soft surface
- Operates on 220 volt

### 11-Tilt table

- It should function like a motorized table with vertical to horizontal tilt is achieved with an easy-to-turn by crank mechanism.
- Crank is angled to provide leverage for maximum lifting efficiency.
- The table should have three positioning straps for security on raising the patient.
- Latex free
- Should have minimum 30" wide surface with an extra-wide footboard (20"W x 18"D),
- Minimum 2"-thick high-density (40) foam/Moulded foam padding.
- Made of heavy-duty steel frame with vinyl upholstery.
- Surface area: 28"W x 78"L x 33"H. approximate
- The manufacturer should be ISO certified

### 12-Multi Gym (paediatric)

- Multiple Exerciser multi gym system for fitness as well as therapy.
- It should have facility for exercises for Chest Extension, High Pull, Low Pull, Rowing, Peck-Deck, Leg Extension Etc
- Easy To Use, Space Saving, No-Cable-Change Design
- The frame work should be made of good quality material with smooth finish (no sharp edges).

P. B. Shivhare

Swati Nanda

Sonalie Patra

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- It should be easy to use, space saving and there should not be any cable to change in design.
- The Product may be delivered in two or three Parcels for Heavy Products

### 12-Standing Unit

The unit should be a vertical sander.

The unit should be provided with four points of support for e therapeutic benefits of standing and places children at peer level.

#### Minimum Features:

1. Height-adjustable Chest, Pelvic & Knee supports.
  2. Adjustable foot restraints.
  3. Detachable rimmed tray for activities.
  4. Chrome-plated uprights fitted on non-slip matted foot board.
- The unit should be finished with multiple colours to attract the child.

The manufacturer should be ISO certified.

### 13-Wrist Roll for children use:

Unit should consist of double hand grips, rope and weight of minimum .5kg.

### 14-Grip Exercise: Grip exerciser tool for kids only.

### 15-Floor Ladder

- It should be used for improvement of acceleration, lateral speed and change of direction
- It should be used for development of the core skills necessary to enhance balance, rhythm and body control
- The ladder should be of 15 feet long with 11 heavy-duty plastic rungs for high-intensity training
- The ladder should be made of thick, rugged, nylon straps and are sewn in place so that the rungs on the ladder don't move even when you bump into them repeatedly.
- The ends of the ladder should have strong double-reinforced D-rings to keep ladder staked and in place on grass surfaces.
- Includes carry bag for easy portability

### 16-Wrist Circumductor

- A iron wheel mounted on a laminated wooden base has a small Adjustable handle fitted to the wheel.
- A knob shall be provided at back of the wheel to control resistance 0 to maximum.

*Prashant*

*Swika Nanda  
Sonalie Patra*

*22*

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- Hollowed foam Padded platform fitted with two straps to hold arm and is fitted over the base in front of the wheel for wrist circumduction

#### 16-Tunnel

- It should be used for both indoor and outdoor.
- It should be made of nylon fabric flame retardant.
- It should be Sturdy, spring steel construction
- Fun for developing cooperative play
- Great for muscle development
- Stimulates the imagination for creative playtime
- Padded interior system for more comfortable playtime
- Wipes clean with a damp cloth
- Size: 6'L x 9" diameter

#### 17-Knee hammer

#### 18-Depth perception peg board

It should be used for Stimulating the depth perception and eye-hand co-ordination on two levels.

Board is 30cm square and have 25 holes of 12mm dia.

The board comes with 21 solid of two colours of red and green pegs to place in. The top level of the peg should be clear made of transparent plastic and the base should be made of poly wood

#### 19-Treatment Cot

#### 20-Parallel bar fitted with mirror

#### 21-Standing frame

#### 22-Height adjustable Walker and rollator

- Approximate user height: 4'10"-6'1"
- Height adjustments: Seat height: 18"-22", Handles: 29.5"-38"
- Includes seamless padded seat and zippered carry pouch
- Loop-lock brakes
- Removable, hinged, padded backrest
- Ergonomic handgrips
- Weighs: 14 lbs.
- Weight capacity: 300 lbs.

Bushme

Surita Nanda

Sonale Patra

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Beach Ball:- Inflatable 12" in Diameter. Rainbow Design made of non toxic rubber material.

Peanut Ball:- A favorite therapeutic tool and physical therapy ball great for balance, body awareness core strength, body stability providing vestibular input and much more.

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**27-Crawler:**

- Height adjustable type.
- The body should be supported good quality Rexene to bear a children of age group 2-6years.
- The unit should be powder coated frames with no sharp adges.
- It can provide hammock tilts forward or backward for correct positioning of the patient.

**28-Staircase**

The stair case shall be a Small Up and Down type with 3step UP and 3 step down.  
 The patient can ascend and descend without turning.  
 The stairs are to be Small and straight.  
 The total length of the stair case should be fitted with two full width rails  
 It should bear a load capacity under normal for age group of 3-9 years.  
 Can be easily sifted to any space.

Dimension:

For down two steps: 10"L x 30" W x 6" H  
 For UP Three steps : 10"L x 30" W x 4" H  
 The base platform: 24"Lx 30"W x 12" H  
 Complete unit shall be made of good quality Poly Wood.

**29-Balance Board**

It should be usefull for children age from 3-6 years  
 It should be used for rocking from side to side, spinning around and balancing where a children can stand or sit .  
 The boalrd should be provided with anti skid profile and four integrated handlebars.  
 Diamenssion:approximate 4/2 feet across and approximately 7inches height.

**30-OP walker**

**31-Swing**

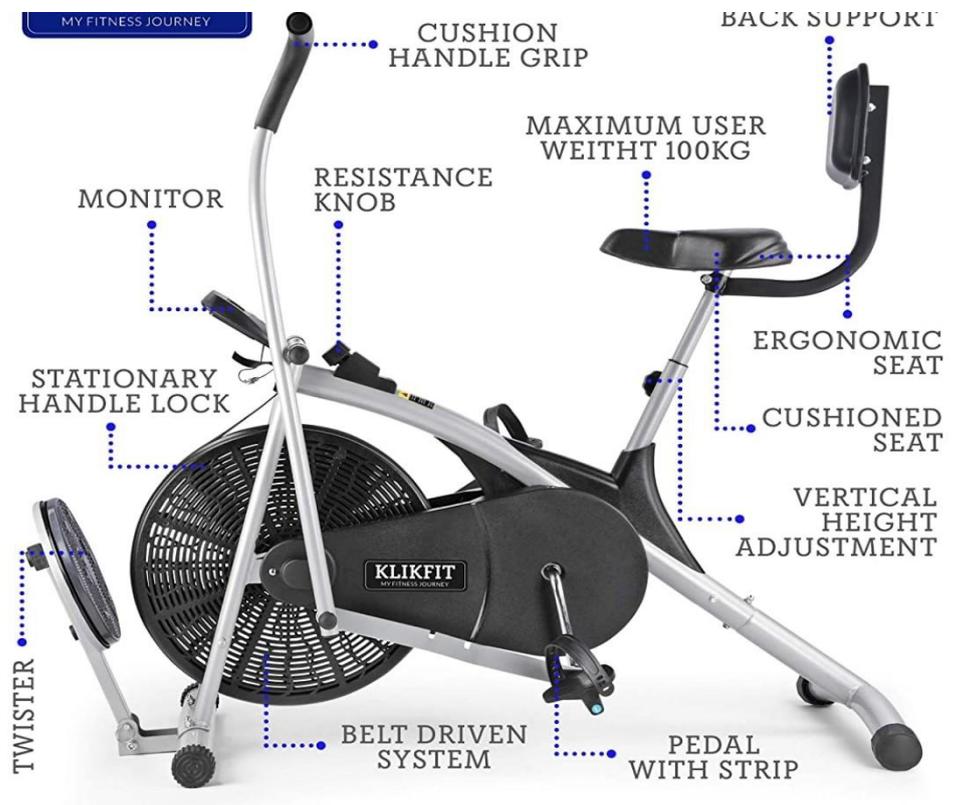
The unit should consists of following swings

- 1-plat form swing
- 2-Bloster swing
- 3-Disc swing
- 4-T-Tube

All the swing should be used by the children of age group from 3-9 years.

The complete unit should be detachable.  
 It should provide maximum relaxation and stimulation to the children with a dimension of  
 Made of of soft fabric provided with detachable cuddly cushion.  
 All material should be made from 100%cotton outer and polyester filling.  
 It should have single/double suspension point.

*Blushone*  
*Sunifa Alonda*  
*Sonali Patra*  
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Paediatric Static Cycle ( Manual with height adjustable)



Paediatric Cerebral Palsy Chair ( CP Chair)

Should be head control adjustable.



(Mini Muscle Stimulator)

- Treatment modes : Galavanic, Int. Galavanic, Faradic, Surged Faradic
- Application Pain Relieve Very Effective In Arthritis, Neuralgia, Migraine, Spinal Disc, Surgical Trauma, Headache, Sciatica Etc
- Standard Accessories : 1 main cord ,1 gel Bottle ,1 Carry Bag ,2 MS wire ,2 MS Pads ( Electrode) ,1 Pen Electrode,2 Straps set
- Used for Muscle Stimulation ,1 year offsite warranty of Machine ( Equipment) ,No warranty or guarantee for Accessories
- Clinical model with Digital Display

## AREA 12: PSYCHOLOGICAL TESTING

### Psychological Testing

AREA.	EQUIPMENT
	ESSENTIAL
10'x10' ft	<ol style="list-style-type: none"> <li>1. Developmental assessment for Indian Infants (DASSI)</li> <li>2. Vineland Social Maturity Scale</li> <li>3. Vineland Adaptive Behaviour Scales</li> <li>4. Bayley-III Screening Test Complete Kit Includes; Manual, Stim Book, Picture Book, Record Forms 25 Packs.</li> <li>5. Developmental Screening Test (DST) by BharatRaj</li> <li>6. Denver Developmental Screening Test II (DDST-II)</li> <li>7. Stanford Binet (Indian adaptation-Kulshreshta)</li> <li>8. Piagetian Cognitive Tasks</li> </ol> <p><b>Autism Spectrum disorder:</b></p> <ol style="list-style-type: none"> <li>9. INCLen-ASD or Indian Scale for Assessment ofAutism (ISAA)</li> <li>10. INCLen- Diagnostic Tool for Epilepsy (INDT-EPI)</li> <li>11. NIMHANS battery</li> <li>12. Dyslexia Early Screening Test: 4-6 years (DEST)and Dyslexia, Screening Test Junior (6-11 years)</li> <li>13. Childhood Behavioural Checklist CBCL</li> <li>14. Cerebral Palsy and Neuromotor impairment:INCLen (INDTNMI)</li> <li>15. Adequate chair &amp; tables</li> </ol>

## PSYCHOLOGICAL TEST TOOLS

BOLSTER THERAPY BALL

VALIDATED CONFIRMATORY / DIAGNOSTIC TOOL	AGE GROUP
Receptive-Expressive Emergent Language Test–Third Edition (REEL-3)	0-3 years
LPT: Linguistic profile test	3-9 years
Developmental assessment for Indian Infants(DASSI)	From birth to 30months
Vineland Social Maturity Scale	0-15 years
Vineland Adaptive Behavior Scales	0-90 years
Developmental Screening Test (DST) by Bharat Raj	1-15 years
Denver Developmental Screening Test II (DDST-II)	1 month to 6 years
Stanford Binet (Indian adaptation-Kulshreshta)	4-14 years
Bayley-III Screening Test Complete Kit Includes; Manual, Stim Book, Picture Book, Record Forms 25 Packs.	1 month to 42months
Dyslexia Early Screening Test 4-6 years (DEST) and Dyslexia Screening Test Junior (6-11 years)	4-6 years and 6-11years
NIMHANS battery	5-15 years
Childhood Behavioral Checklist CBCL	1.6-5 years 6 yrs - 18 yrs
Cerebral Palsy and Neuro-motor impairment:INCLN (INDT-NMI)	0-9 years
INCLN Diagnostic Tool for Epilepsy (INDT-EPI)	2-9 years
INCLN-ASD or Indian Scale for Assessment ofAutism (ISAA)	

### 1. Receptive-Expressive Emergent Language Test—Third Edition (REEL-3)

<b>TECHNICAL SPECIFICATIONS</b>	
Name	Receptive-Expressive Emergent Language Test
Used for	language problems
Age Range	Youngsters up to 3 years of age
Other characteristics	The REEL-3 uses the parental observation of the child behavior or guardians to identify major language problems in youngsters up to 3 years of age. It consists of two core subtests--Receptive Language and Expressive Language

### 2. Linguistic Profile Test (LPT)

<b>TECHNICAL SPECIFICATIONS</b>	
Name	Linguistic Profile Test (LPT)
Used for	Assessment and rehabilitation of language related problems
Age range	6+ years to 10+
Clinical purpose	For evaluation as well as a basis for rehabilitation and linguistic retraining of the communicatively disabled children. Meant for school going children from Grade 1 to Grade V age range from 6+ years to 10+; useful in identifying children with language disorders at particular linguistic levels and also as a baseline for speech-language therapy.

### 3. Developmental Assessment scales for Indian infant (DASII)

<b>TECHNICAL SPECIFICATIONS</b>	
Name	Developmental Assessment scales for Indian infant (DASII)
Used for	Developmental assessment
Age range	0-30 months
Other characteristics	There are two subscales of this test: Motor and mental and total 230 items. 67 items for motor and 163 items for mental subscale. Motor items tests loco motor skill, manipulatory behavior and supine to erect posture. Mental scale scores cognizance, perceptual pursuit, exploration, communication and language comprehension, manual dexterity, spatial relationship, social interaction, and imitative behavior.

### 4. Vineland Social Maturity Scale

<b>TECHNICAL SPECIFICATIONS</b>	
Name	Vineland Social Maturity Scale
Used for	Assessment of social maturity
Age range	0-15 years

### TECHNICAL SPECIFICATIONS

Other characteristic	<p>It consists of 117 test items and adopts an interview format for parent or other primary caregiver. Also, examiner's observation plays an important role. The test should consists of 8 sub-scales measuring:</p> <ul style="list-style-type: none"> <li>- Communication skills</li> <li>- General self-help ability</li> <li>- Locomotion skills</li> <li>- Occupation skills</li> <li>- Self-direction</li> <li>- Self-help eating</li> <li>- Self-help dressing</li> <li>- Socialization skills</li> </ul> <p>Although it is meant for children between 0-15 years, it can also be used for adults with intellectual disability. It is helpful in planning for therapy and/or individualized instruction for persons with mental retardation or emotional disorders.</p>
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## 5. Vineland Adaptive Behavior Scales

### TECHNICAL SPECIFICATIONS

Name	Vineland Adaptive Behavior Scales
Used for	Adaptive behaviors
Age range	Birth to 90 years
Other characteristics	<p>To measure adaptive behavior of individuals from birth to age 90.</p> <p>It can also be used for assessment of autism spectrum disorder, Genetic disorder and other Development evaluations.</p>

## 6. Developmental Screening Test (DST) by Bharat Raj

### TECHNICAL SPECIFICATIONS

Name	Developmental Screening Test (DST) by Bharat Raj
Used for	Screening for developmental delay
Age range	Birth to six years
other characteristics	<p>This test consists of Task performing activity</p> <p>The scale reflects what percentage of a certain age group is able to perform a certain task.</p>

## 7. Denver Scale II- Developmental Screening Test II

### TECHNICAL SPECIFICATIONS

Name	Denver Scale II- Developmental Screening Test II
Used for	Developmental screening
Age range	1 month to 6 years

### TECHNICAL SPECIFICATIONS

Other characteristics	<p>The DENVER II is a revision and update of the Denver Developmental Screening Test, DDST. Both were designed for use by the clinician teacher, or other early childhood professional to monitor the development of infants and preschool-aged children.</p> <ul style="list-style-type: none"> <li>- Used to monitor children at risk for developmental problems;</li> <li>- 125 performances based and parent report items are used to screen children's development in four areas of functioning: fine motor-adaptive, gross motor, personal social, and language skills;</li> <li>- Time: 10 to 20 minutes</li> </ul>
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#### 8. Stanford Binet (Indian adaptation-Kulshreshta)

### TECHNICAL SPECIFICATIONS

Name	Stanford Binet (Indian adaptation-Kulshreshta)
Used for	Intelligence testing
Age range	2 years to 22 years
Other characteristics	<ul style="list-style-type: none"> <li>- Age equivalent test to measures general mental ability i.e. intelligence</li> <li>- Binet-Kamat Scale of intelligence is the Indian adaptation of the 1934 version of Stanford-Binet Scale of Intelligence</li> </ul> <p>Age group: 2 years to 22 years Administration time:50-60 minutes</p>

#### 9. \*Bayley-III Screening Test Complete Kit Including Manual, Stimulation Book, Picture Book, Record Forms 25 Packs

### TECHNICAL SPECIFICATIONS

Name	BAYLEY-III Screening Test
Used for	Screening for developmental delay
Age group	1 month to 42 months
Other characteristics	<p>To determine if a child is "on track" developmentally or if further, more comprehensive assessment is needed.</p> <ul style="list-style-type: none"> <li>- It takes total of 10 to 20 minutes to administer this test;</li> <li>- It is an individually administrated test;</li> <li>- It assess cognitive, language and motor development, fast and easy administration using selected items from full Bayley-III battery Child-friendly with playful activities, cut scores according to age.</li> </ul>

#### 10. Dyslexia Early Screening Test 4-6 years (DEST) and Dyslexia Screening Test Junior (6-11 years)

### TECHNICAL SPECIFICATIONS

Name	Dyslexia Early Screening Test 4-6 years (DEST) and Dyslexia Screening Test Junior (6-11 years)
Used for	Screening learning disability
Age range	4-6 Years

	<p>Screening tests of attainment and ability to determine whether a young child is experiencing difficulty in areas known to be affected in dyslexia.</p> <p>Dyslexia Early Screening Test - Second Edition (DEST-2) for 4-6years should include 12 subtests: Rapid naming, Bead threading, Phonological discrimination, Postural stability, Rhyme/Alliteration, Forwards digit span, Digit naming, Letter naming, Sound order, Shape copying, Corsi frog Vocabulary (group/individual).</p> <p>Dyslexia Screening Test - Junior (DST-J) is for 6-11 years and should consists of the following subtests:</p> <p>Rapid Naming  Bead Threading  One Minute Reading  Postural Stability  Phonemic Segmentation  Two Minute Spelling  Backwards Digit Span  Nonsense Passage Reading  One Minute Writing  Verbal Fluency  Rhyme NEW  Vocabulary NEW</p>
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### 11. NIMHANS Neuropsychological battery

<b>TECHNICAL SPECIFICATIONS</b>	
Name	NIMHANS battery
Used for	Neuropsychological assessment
Age range	5-15
	Subtests include Tests of Speed, Attention, Memory, Executive Function, Comprehension and other neuropsychological functions
other characteristics	Should include Finger tapping Test Digit Symbol Substitution Test Color Trails Test Digit Vigilance Test Triads Test Auditory Verbal Learning Test Logical Memory Test Complex Figure Test Design Learning Test Controlled Word Association Test Animal Names Test Design Fluency Test N Back tests (Verbal & Visual) Self-Ordered Pointing Tests Tower of London Test Wisconsin Card Sorting Test Stroop Test Token test. Should be used for 6-9 years.

*to room*  
18/11/2021.

Chief District Medical & Public Health Officer,  
Bargarh