



बुद्धशान्ति गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
बुधबारे, झापा



प.सं. ०८२/८३
च.नं.



कोशी प्रदेश, नेपाल
०२३-५५५०४४

मिति:-२०८२/१०/१४

श्री सरोकारवाला सबै ।

विषय:- दररेट पेश गर्ने सम्बन्धी सूचना ।

प्रस्तुत विषयमा अपाङ्गता रोकथाम तथा पुनःस्थापना कार्यक्रम अन्तर्गत सहयोगी सामग्री सहयोग शीर्षकको बजेटबाट अपाङ्गता भएका व्यक्तिहरुको लागि आवश्यक पर्ने विभिन्न प्रकारका सहायक सामग्रीहरु ठेक्का प्रक्रिया मार्फत खरिद गर्नुपर्ने भएकाले उक्त सामग्रीको लागत अनुमान तयार गर्ने प्रयोजनका लागि बजार दररेट आवश्यक भएको हुँदा सम्बन्धित फर्म, उद्योग, विक्रेता तथा सप्लायर्सहरुले यसै पत्रसाथ संलग्न दररेट फाराम भरी सात (७)दिन भित्र यस कार्यालयमा प्राप्त हुने गरी उपलब्ध गराईदिनु हुन अनुरोध छ ।

मनीज कुमार साह
प्रमुख प्रशासकीय अधिकृत

✉ info@buddhashantimun.gov.np



✉ buddhashantimun@gmail.com

🌐 http://www.buddhashantimun.gov.np

🌐 https://www.facebook.com/buddhashantimun

" स्वास्थ्य पूर्वाधार , लघुउद्यम र कृषिमा क्रान्ति:समृद्ध र सुशासनयुक्त बुद्धशान्ति "

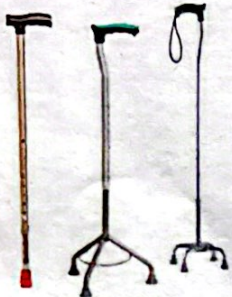
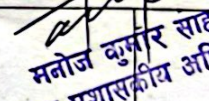

सहायक सामग्री र मापदण्ड

Sn	ASSISTIVE DEVICE	DEFINITION	SPECIFICATION	Unit	Quantity	Rate(without tax)	Remarks
1.	Foley Catheter 	Sterile, disposable, balloon-retained urinary catheter used for short-term bladder drainage. The catheter must be soft, flexible, and atraumatic to ensure patient comfort and safety.	<ul style="list-style-type: none"> Sterile, single-use, balloon-retained urinary catheter. Material: 100% Silicone (hypoallergenic, 30-fr days) or Silicone-coated Latex. Sizes (French/CH): Common sizes range from 6 Fr to 30 Fr. 14-18Fr (general use), 22-26Fr (hematuria). Types: 2-Way (drainage + balloon inflation) and 3-Way (adds irrigation port). Tip Type: Nelaton (standard), Coude (curved for prostate). Balloon Capacity: 5ml, 10ml, or 30ml (typically color-coded). Length: Usually 40cm. Sterility: Single-use, sterile. ISO certified 	1 piece	1		
2.	Tricycles ISO Code: 12.18.09 	Trikes or three-wheeled cycles for greater mobility and mostly for outdoor use	<ul style="list-style-type: none"> Disability hand operated tricycle, heavy duty which includes seat with backrest, footrest platform, single handed steering. Body parts made of high-quality steel Overall dimension: Length: 1,750mm, Width: 720mm, Height: 1,000mm, Weight: 38kg Seat size: Width: 400mm, Depth: 380mm, High: 650mm Frame tube: diameter: 25.4mm, thickness: 11.5mm; Powder coated or stainless steel Rust-resistant powder-coated finish Heavy-duty welded frame Step-through or low-height design for easy transfer Load capacity: Minimum 100-120 kg Ergonomic hand grip with anti-slip rubber Dual braking system Cushioned seat with foam padding Waterproof rexine/PU cover Easy steering mechanism Comfortable ergonomic design 	1 piece	1		

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<p>3. Walking sticks/canes ISO Code: 12.03.03</p> 	<p>Adjustable/non-adjustable mobility device with a handgrip</p> <p>Types: L-stick Tripods Quadri pods</p>	<ul style="list-style-type: none"> Constructed from aluminum alloy tubes. ABS handle with comfortable grip. Height-adjustment mechanism: Telescopic, quick-release Soft gel on handle top Tips securely fitted, non-slip, and replaceable or interchangeable Weight bearing capacity: 110kg Size: Large, Medium, Small 	1 piece	1	 मनोज कुमार सह प्रमुख प्रशासकीय अधिकृत	
<p>4. Wrist Splint</p> 	<p>To support the wrist, hand, fingers and hand arches.</p>	<ul style="list-style-type: none"> Custom-made (patient-specific molding) Static or dynamic design as per assessment Low-temperature thermoplastic sheet (3–4 mm thickness) Lightweight, durable, and moldable Lining with Foam Padded Padded wrist brace features ventilation holes for breathability and comfort. Adjustable Velcro straps (minimum 3 straps) Soft padded straps Proper alignment maintained Easy donning and doffing Re-adjustable and remoldable if required <p>Size: Individual measurement should be taken at the referred center</p> <p>Note: Customized item available in Nepal.</p>	1 piece	1		

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5.	Hospital Mobility Bed 	A durable, adjustable mobility bed designed to provide safe positioning, mobility support, comfort, and ease of care for patients	<ul style="list-style-type: none"> Heavy-duty mild steel or powder-coated steel frame Anti-rust and corrosion-resistant finish Sturdy and stable construction Smooth rounded edges for safety Load capacity: minimum 150–200 kg Backrest adjustment – Via crank handle Includes: Side Rails & I.V Pole. Four high quality castors – lockable with anti-dust feature ABS plastic head and foot boards Removable head and foot boards Metal lying surface – ventilation holes Modern look Easy Installation Moveable plastic drainage hooks Two castors with locking brakes minimum Smooth rolling and noiseless movement Central locking system preferred 	1 set	1	 मनोज कुमार सिंह प्रमुख प्रशासकीय अधिकृत
6.	Manual Wheelchair with cushion ISO Code: 12.22.03 Types: <ul style="list-style-type: none"> Active Semi-active Rough terrain 	Intended to be self-propelled by the users by pushing rims or wheels. Can be used indoor/outdoor and on various types of terrain.	<ul style="list-style-type: none"> Active/Semi-active wheelchair Wheelchair with folding or rigid frame, three or four wheels with large rear wheels, seat and backrest, armrests and footrests <u>Frame</u>: frame with mechanism(s) to fold or dismantle High quality steel or aluminum frame-125kg capacity <u>Backrest</u> or back posts with adjustable height or supplied with range of back posts with fixed height. Detachable, Swing Away Armrests. Detachable, Swing In, Swing Out Leg rest <u>Footrests</u>: with adjustable height to accommodate people with shorter and longer legs. Two flip-up, swing-away or removable footrests on folding 	1 piece	1	

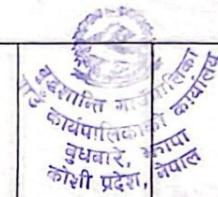
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- frame
- Rear wheels: quick-release or removable without tools
 - Puncture-proof, pneumatic rear tyres and front castors
 - Anti-tippers for extra safety on slopes and uneven ground.
 - **Cushion**:
Supplied with cover that meets general design requirements; for users with incontinence, a waterresistant cover or lining to protect cushion should be supplied
 - overall height approximately 70–120 mm
 - allows full or deep offloading or immersion (sinking into) and envelopment (conforming to shape) 40–45 mm) or deeper
- different length options or adjustable in length
- **Rough terrain wheelchair**
- Wheelchair with folding or rigid frame; three, four or more wheels, with two larger drive wheels; seat and backrest; and footrests behind front castors
- May be lever-propelled
 - Longer wheelbase than active wheelchair; larger overall length than transport wheelchair with large rear wheels
 - Low center of gravity to ensure stability
 - Rear wheels and castors appropriate for outdoor rough terrain
- Frame: frame with mechanism(s) to fold or dismantle, pushhandles can be integrated into frame, supplied as an add-on component or omitted, integrated stability options for feet, backrest or back-posts with adjustable height or supplied with range of back-posts with fixed height
- Backrest: tension-adjustable backrest or rigid backrest that can be adjusted independently from back-posts, quick-release mechanism to be removed to allow folding
- Footrests with adjustable height. Two flip-up, swing-away or removable footrests on folding frames.




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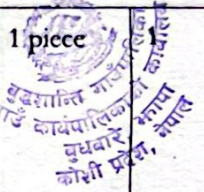
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			<p>Rear wheels (manual propelling): with push-rims or leverpropelled and quick-release or removable without tools for rigid frames for transport; optional for wheelchairs with folding frame. Wider or larger-tread tyres</p> <p>Puncture-proof or pneumatic, rear tyres and front castors</p> <p>Rear and front wheels (lever propelling): size and width of front and rear wheels appropriate for rough terrain and wheelchair design, three or multiple wheels, puncture-proof or pneumatic wheels</p> <p>Cushion: Supplied with cover that meets general design requirements; for users with incontinence, a water-resistant cover or lining to protect cushion should be supplied</p> <ul style="list-style-type: none"> • overall height approximately 70–120 mm • allows full or deep offloading or immersion (sinking into) and envelopment (conforming to shape) 40–45 mm) or deeper • different length options or adjustable in length <p>Compliance</p> <ul style="list-style-type: none"> • ISO standard/CE certified • Designed for durability, urban maneuverability, and short uneven terrain use • Load capacity: Min. 100 kg • Suitable for users with advanced mobility skills or moderate needs • Standard quality <p>Accessories</p> <ul style="list-style-type: none"> • Anti-tip bars, headrest, seatbelt • Foldable for transport • User manual and maintenance guide included 		<p>मनोज कुमार सह प्रमुख प्रशासकीय अधिकृत</p>	
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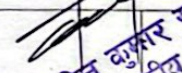
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7.	<p>CP wheelchair(Wheelchair with postural support)</p> 	<p>Intended for Child or adult with intermediate or advanced posture support needs who requires variable tilt or recline, or larger range of static tilt or recline than available on manual wheelchairs</p> <ul style="list-style-type: none"> For users who self-propel or need to be assisted 	<ul style="list-style-type: none"> Rigid frame or frame with mechanism to fold Three or four wheels, push-handles, Range of integrated or included postural support device and posture support cushion Large-range adjustable recline and large-range adjustable and variable (dynamic) tilt Rear wheels and front castors appropriate for indoor and outdoor mixed terrain. <p>Requirements for standard configuration</p> <ul style="list-style-type: none"> integrated mechanism or adjustment options to prevent tip-over when chair used with tilt or recline Footrests with adjustable height; available in at least two adjustment ranges on all sizes of wheelchair to accommodate people with shorter and longer legs; two flip-up, swing-away or removable footrests for wheelchairs with folding frames Mechanism or adjustment options available to maintain backwards stability with maximum combined seat and backrest configuration adjustments For self-propelled wheelchairs: adjustment options to improve reach to rear <u>Rear wheels</u>; quick-release or removable without tools on rigid frames for self-propelled wheelchairs <u>Castors</u>; Puncture-proof or pneumatic rear tyres and front castors <p><u>Back rest and support</u></p> <ul style="list-style-type: none"> Height adjustable or available in different lengths to optimize trunk support (at least at shoulder height or higher) Rigid seat and backrest: removable without tools on folding frame. Headrest attached to back of backrest and with adjustable forward and backward, sideways, height and angle; must be able to support head behind, in line or in front of back support as required. 	<p>1 piece</p> 	<p>मनोज कुमार साह प्रमुख प्रशासकीय अधिकृत</p>
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		<ul style="list-style-type: none"> • Pelvis strap (positioning belt) with adjustable length • Adjustable and removable knee separator pad (medial knee support); may be integrated in cushion; standard on child size and optional on adult size • Calf or foot straps with adjustable length • Tray table or flip-up or removable armrests with adjustable height • Outside (lateral) thigh or knee pads (supports) for seat, shoulder harness and chest strap <p>Compliance</p> <ul style="list-style-type: none"> • ISO standard/CE certified • Designed for durability, urban maneuverability, and short uneven terrain use • Load capacity: Min. 100 kg • Suitable for users with advanced mobility skills or moderate needs • Standard quality <p>Accessories</p> <ul style="list-style-type: none"> • Anti-tip bars, headrest, seatbelt, tray • Foldable for transport • User manual and maintenance guide included 		 मनोज कुमार सह प्रमुख प्रशासकीय अधिकृत
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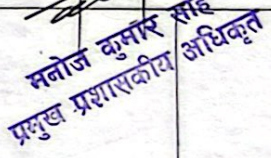
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<p>8. Modified shoes/ Orthopedic shoes/ Footwear for diabetes /neuropathic foot/Shoe Raise ISO Code: 06.33.30</p> 	<p>Orthopedic shoes are specially designed footwear intended to provide support, proper alignment, comfort, and relief for individuals with various foot and lower limb conditions or deformities.</p>	<p>Orthopedic shoes come in various styles and can accommodate a range of foot conditions, from common problems like bunions and hammertoes to more serious conditions associated with arthritis or diabetes</p> <p>Specification Materials most include leather, foam rubbers, cellular polymers having long durability and comfortable wearing with ease. Shoe raises are primarily used to compensate for leg length discrepancies, providing a level pelvis and reducing stress on knees, hips and backs. Shoes with a removable insole to add extra depth to footwear or allow custom made insoles.</p> <p>Size: Individual measurement should be taken Note: Locally manufactured item available in Nepal.</p>	<p>pair</p>	<p>1</p>	<p>मनोज कुमार साह प्रमुख प्रशासकीय अधिकारी</p>
<p>9. Club foot shoes/ Foot abduction braces/ CTEV Shoes</p> 	<p>Device used in the treatment of club foot. Specially designed orthopedic shoes intended for children and adults with clubfoot (CTEV) or other foot deformities to maintain correction after casting/surgery and support proper foot alignment, stability, and gait. The shoes should provide comfort, durability, and effective corrective positioning.</p>	<p>Material Upper:</p> <ul style="list-style-type: none"> • Soft breathable leather/synthetic leather/fabric • Skin-friendly and non-irritant • Washable and durable <p>Inner Lining:</p> <ul style="list-style-type: none"> • Soft padded lining • Sweat-absorbing and hypoallergenic <p>Fastening system</p> <ul style="list-style-type: none"> ◦ Velcro straps/laces ◦ Easy to wear and remove ◦ Secure locking to maintain correction <p>Safety</p> <ul style="list-style-type: none"> • No sharp edges or hard internal seams • Adequate cushioning • Pressure-free fitting • Proper ventilation <p>Individual measurement should be taken at the referred center Note: Locally manufactured item available in Nepal.</p>	<p>pair</p>	<p>1</p>	

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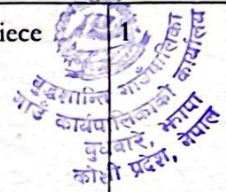
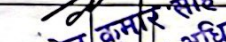
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10.	Ankle-Foot Orthotics (AFO) / Orthosis for foot drop ISO Code: 06.12.06 	Orthosis that encompasses the ankle joint and the whole or part of the foot	<p>Externally applied customized appliances/ device used to support, assist, or correct the weakened segment of the lower extremity in the subtalar region, ankle, and foot.</p> <p>Specifications:</p> <ol style="list-style-type: none"> 1. Made of durable and elastic polypropylene. 2. Suitable for all types of shoes, can be used while wearing shoes 3. Help with dorsal flexion 4. Light weight, strong durability and load bearing 5. Colors and details can be customized <p>Size: Individual measurement should be taken at the referred center</p> <p>Note: Locally manufactured item available in Nepal.</p>	Set		
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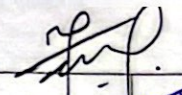

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11.	Prosthesis  	Upper/ Lower limb prosthesis: The device that encompasses or support the part of upper and lower limb ISO Code: 06.24.09 ISO Code: 06.24.15 ISO Code: 06.18.15 ISO Code: 06.18.09	<ul style="list-style-type: none"> • Lightweight, durable, and user-friendly design • Anatomically shaped and cosmetically acceptable • Modular and adjustable system • Comfortable socket fitting • Easy maintenance and repair • Suitable for daily community use <p><u>Lower Limb Prosthesis</u></p> <p>Socket:</p> <ul style="list-style-type: none"> • Custom-made laminated or thermoplastic polypropylene socket • Total Contact or PTB design • Soft liner/foam or silicone liner for comfort • Proper suspension system (belt/sleeve/locking) <p>Pylon/Shank:</p> <ul style="list-style-type: none"> • Aluminum/stainless steel/carbon fiber • Lightweight and corrosion resistant • Height adjustable <p>Foot:</p> <ul style="list-style-type: none"> • SACH/single axis/dynamic response foot • Non-slip sole • Shock absorbing and energy efficient <p>Straps/Suspension:</p> <ul style="list-style-type: none"> • Velcro or belt system • Secure and comfortable fitting <p><u>Upper Limb Prosthesis</u></p> <p>Socket:</p> <ul style="list-style-type: none"> • Custom molded thermoplastic/laminated socket with soft liner <p>Control System:</p> <ul style="list-style-type: none"> • Body-powered or mechanical control system with harness <p>Terminal Device:</p> <ul style="list-style-type: none"> • Functional hand or hook 	piece 	 मनोज कुमार साह प्रमुख प्रशासकीय अधिकृत
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			<ul style="list-style-type: none"> Durable and replaceable <p>5. Materials: Medical grade, skin-friendly, hypoallergenic materials Sweat resistant and lightweight</p> <p>Size: Individual measurement should be taken at the referred center</p> <p>Note: Locally manufactured/customized item available in Nepal.</p>			 मनोज कुमार साह प्रमुख प्रशासकीय अधिकृत
12.	KT Brace ISO Code: 06.03.09 	This product is well designed with specially shaped, semi-rigid splints to effectively support and immobilize. It helps keep the lower back in a natural position and reduces low back pain.	<ul style="list-style-type: none"> Semi rigid splint for effective immobilization Pre shaped splints for postural correction Elasticized body ensures strong comfortable compression Highly porous elastic improves ventilation and breathability. Double pull mechanism provides extra compression 	set	1	

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13.	CP Chair ISO Code18.09.39 	<ul style="list-style-type: none"> CP Chair (with adjustable incline & tray) Hardwood & ply board constructed, naturally finished Chair reclines through an arc and can be adjusted to any desired position. Comes with adjustable foam padded headrest which can be formed & reformed as needed. High back supports & holds the child with wide belt. Laminated activity Tray size 56cm x 63cm with polished wooden raised edges, holds the items from falling. Adjustable Seat & Foot board are 30cm wide and suits the small children. Mounted on ball bearing castors. Knee separator <p>Size: Individual measurement should be taken. Note: Locally manufactured item available in Nepal.</p>	piece	1		
14.	CP Standing Frame 	<ul style="list-style-type: none"> Weight: 35kg Material: PVC+ Wood and steel frame+ Soft cushion + Vinyl nylon straps Suitable age: 5-15 years old children (90cm - 130cm) Height Adjustable for Customized Support Provides Proper Standing Positions Improves Posture, Trunk Control, and Balance Supports Weight-Bearing Exercises and Lower Limb Strengthening Durable Construction for Longevity <p>Size: Individual measurement should be taken Note: Locally manufactured item available in Nepal.</p>	piece	1		

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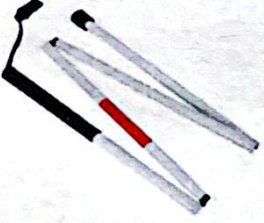
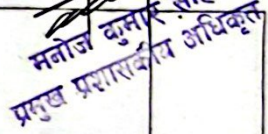
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<p>15. Toilet Chair/ Commode chairs ISO Code: 09.12.03</p> 	<p>Chairs, with or without castors, with a built-in collection receptacle used for toileting away from the bathroom</p>	<p>1. Frame & Structure Material:</p> <ul style="list-style-type: none"> Aluminum alloy for strength, corrosion resistance, and lightweight handling Frame Design: Foldable or fixed frame options for storage and portability Anti-slip rubber ferrules on legs to prevent slipping on wet surfaces <p>2. Seat & Pan Seat Type:</p> <ul style="list-style-type: none"> Ergonomically shaped plastic or padded seat with a central opening Detachable seat cover for hygiene Commode Pan: Removable plastic or stainless-steel pan with handle and lid Capacity: Minimum 5 liters Easy to clean and sanitize <p>Comfort & Safety Features</p> <ul style="list-style-type: none"> Armrests: Fixed or flip-up design with soft padding for added comfort and side support Backrest: Optional padded or molded back support for additional comfort Height Adjustable Legs: Range: Typically, 40 cm to 55 cm to suit different user needs and match bed height Wheels (Mobile Commode Chair): Four lockable caster wheels for mobility and safety Multi-function Design: Some models can be used as a shower chair, bedside commode, or over-toilet frame Footrest: Included in some wheeled models for additional support <p>4. Weight & Capacity</p> <ul style="list-style-type: none"> Chair weight: 5 to 9 kg (depending on model and material) User weight capacity: Up to 120–150 kg Bariatric versions available for higher weight capacity (up to 200 kg) <p>5. Sizes</p> <ul style="list-style-type: none"> Available in Small, Medium, Large <p>Pediatric models available with additional safety straps and smaller seat dimensions</p>	<p>piece</p>	<p>मनोज कुमार सिंह प्रमुख प्रशासकीय अधिकृत</p>
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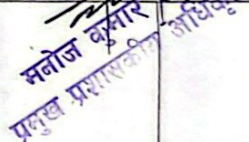
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16.	White Cane ISO Code: 12.39.03 	Devices for navigation or identification of the surroundings used by a person with a visual impairment	<p>Design & Construction</p> <ul style="list-style-type: none"> Long, straight shaft designed to extend from the ground to approximately the user's sternum Folding (collapsible) or rigid models available based on user preference Segmented construction (typically 4–6 sections) with internal elastic cord for folding versions <p>Material</p> <ul style="list-style-type: none"> Shaft: Lightweight and durable material such as aluminum alloy, fiberglass, or carbon fiber Grip Handle: Ergonomically shaped, made from rubber or EVA foam for a secure and comfortable hold Tip (Ferrule): <ul style="list-style-type: none"> Made from durable nylon or metal Available in pencil, roller, marshmallow, or ceramic tip types based on terrain and user technique Easily replaceable/interchangeable <p>Visibility</p> <p>Features</p> <p>Color:</p> <ul style="list-style-type: none"> White shaft for universal recognition of visual impairment Red reflective bottom section (optional) to indicate dual sensory loss (e.g., deaf blindness) Reflective surface or tape for night-time visibility and safety in traffic environments <p>Dimensions & Sizes</p> <ul style="list-style-type: none"> Length options: Typically, available in 110 cm to 150 cm, in 5–10 cm increments Selected based on user's height and arm reach Diameter: Slim (1.2 cm) for ease of handling Weight: Lightweight: Generally, between 200–400 grams depending on material and length 	piece	1	
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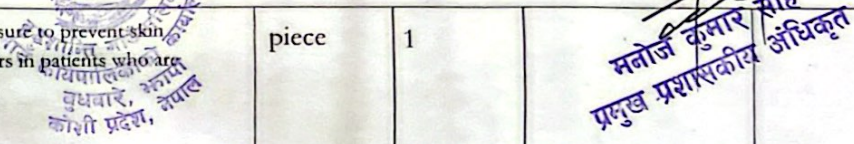
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17.	Semi-Digital and Digital hearing aids with program and volume control ISO Code: 22.06.15 	Devices worn behind the ear to amplify sound.	<p>1. Product Description Personal amplification devices designed to assist individuals with mild to profound hearing loss. Devices are body-worn or ear-level and include behind-the-ear (BTE) or in-the-ear (ITE) types, suitable for pediatric and adult use.</p> <p>2. Categories</p> <ul style="list-style-type: none"> • Semi-Digital Hearing Aid: Digital Signal Processing (DSP) or programmable features via computer/software. • Digital Hearing Aid: Fully digital with DSP, programmable multiple channels, noise reduction, and feedback management. <p>3. General Specifications</p> <table border="1"> <thead> <tr> <th>Feature</th> <th>Semi-Digital</th> <th>Digital</th> </tr> </thead> <tbody> <tr> <td>Technology</td> <td>Digital hybrid</td> <td>Full DSP</td> </tr> <tr> <td>Channels</td> <td>2-4 channels</td> <td>≥ 4 channels (typically 4-16)</td> </tr> <tr> <td>Fitting</td> <td>Computer programmable</td> <td>Computer programmable</td> </tr> <tr> <td>User Controls</td> <td>Volume control, on/off switch</td> <td>Program selector, volume control (optional autogain)</td> </tr> <tr> <td>Output Limiting</td> <td>Peak clipping or compression</td> <td>Wide Dynamic Range Compression (WDRC)</td> </tr> <tr> <td>Noise Reduction</td> <td>Basic</td> <td>Advanced (adaptive)</td> </tr> <tr> <td>Feedback Cancellation</td> <td>Basic</td> <td>Adaptive/automatic</td> </tr> <tr> <td>Microphone</td> <td>Omni-directional</td> <td>Omni or directional (adaptive optional)</td> </tr> <tr> <td>Battery Type</td> <td>Zinc-air or rechargeable</td> <td>Same</td> </tr> <tr> <td>Battery Size</td> <td>13, 312, or 675</td> <td>Same</td> </tr> </tbody> </table>	Feature	Semi-Digital	Digital	Technology	Digital hybrid	Full DSP	Channels	2-4 channels	≥ 4 channels (typically 4-16)	Fitting	Computer programmable	Computer programmable	User Controls	Volume control, on/off switch	Program selector, volume control (optional autogain)	Output Limiting	Peak clipping or compression	Wide Dynamic Range Compression (WDRC)	Noise Reduction	Basic	Advanced (adaptive)	Feedback Cancellation	Basic	Adaptive/automatic	Microphone	Omni-directional	Omni or directional (adaptive optional)	Battery Type	Zinc-air or rechargeable	Same	Battery Size	13, 312, or 675	Same	piece	1	
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18.	Air Mattress / Pressure relief mattress ISO Code: 04 33 06 	Effective alternating pressure system and is an ideal for prevention and bedsores treatment of patients at low risk of pressure ulcers.	<ol style="list-style-type: none"> 1. Purpose: Provides redistribution of pressure to prevent skin breakdown and promote healing of pressure ulcers in patients who are bedridden, post-surgical, or have limited mobility. 2. Types <ul style="list-style-type: none"> • Foam Mattress: High-density or multi-layered foam with contoured zones • Alternating Pressure Mattress (APM): Uses air cells that inflate and deflate cyclically via pump • Gel or Hybrid Mattresses: Combine foam and gel layers or air-cell systems for advanced support 3. Construction & Material <ul style="list-style-type: none"> • Top Cover: Waterproof, breathable, and antimicrobial fabric (e.g., PVC-free polyurethane), Removable and washable • Core Material: Foam: High-resilience (HR) or viscoelastic (memory) foam • Air: air cells with medical-grade pump, Optional gel-infused zones or corrugated surfaces for enhanced pressure distribution <p>Base: Non-slip bottom surface for stability on the bed frame</p> <ol style="list-style-type: none"> 4. Pressure Redistribution Features <ul style="list-style-type: none"> • Zoned pressure mapping to reduce peak pressure on sacrum, heels, and shoulders 5. Dimensions <ul style="list-style-type: none"> • Standard Adult Size: • Length: 190–200 cm • Width: 85–90 cm • Thickness: 10–15 cm (foam); up to 20 cm (air or hybrid) • Pediatric and Bariatric Sizes as per the height and weight to be provided. 6. Weight Capacity <ul style="list-style-type: none"> • Standard mattress: Up to 120–150 kg • Bariatric models: Up to 250–300 kg 7. Pump Unit (for APMs) <ul style="list-style-type: none"> • Low-noise, vibration-free operation • Adjustable pressure settings • Visual and audible alarms for low pressure or power failure • Power input: 220–240V, 50/60 Hz 8. Safety & Maintenance <ul style="list-style-type: none"> • Fire-retardant materials • Infection controls compliant <p>Easy to clean and disinfect</p>	piece	1	
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