

TENDER NOTICE

Dated: 18 February 2026

Idara-e-Taleem-o-Aagahi (ITA) invites sealed bids from eligible and qualified vendors for the **Procurement of Assistive Devices (Power Glasses, Hearing Devices, and Wheelchairs)** under the project **ILMPect**.

Eligibility Criteria

1. Authorized dealers with a valid Certificate / No Objection Certificate (NoC) from relevant health authorities for the provision of Assistive Devices (Power Glasses, Hearing Devices, and Wheelchairs).
2. Vendors must comply with all technical specifications mentioned below.
3. Payment will be made strictly on the basis of the actual number of devices provided to children identified and recommended by qualified health/medical professionals during the screening process.

Assistive Devices – Technical Reference Specifications

Project Name: ILMPact

Compliance Framework

These technical parameters are aligned with guidance from the World Health Organization (WHO) and universal design principles.

Please Note:

- WHO provides global guidance on assistive products and inclusive design.
 - Detailed dimensional standards may also align with international accessibility frameworks such as ISO and ADA standards.
 - All vendors must strictly comply with the specifications below when submitting their bids.
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1. Pediatric Wheelchairs – Space & Dimensional Standards

1.1 Wheelchair Dimensions (Planning Reference)

Age Group	Seat Width (mm)	Seat Depth (mm)	Overall Width (mm)	Overall Length (mm)	Minimum Clear Floor Space (mm)	Turning Radius (mm)
3–5 Years	250–300	250–300	450–550	700–850	800 × 1200	1200
6–8 Years	300–350	300–350	500–600	850–950	900 × 1300	1300
9–12 Years	350–400	350–400	550–650	950–1050	900 × 1400	1400
13–16 Years	400–450	400–450	600–700	1050–1150	900 × 1500	1500

Additional Accessibility Requirements

- Door Width: Minimum 900 mm clear opening
- Corridor Width: Minimum 1200 mm (1500 mm preferred)
- Accessible Toilet: Minimum 1500 mm turning circle
- Desk/Table Clearance:
 - Knee height: 680–750 mm
 - Depth: 500–600 mm

Vendors must ensure durability, structural stability, safety compliance, and child-appropriate ergonomic design.

2. Pediatric Spectacles (Prescription Glasses)

WHO does not prescribe fixed frame sizes by age; however, the following are accepted procurement references.

2.1 Frame Size Guide

Age Group	Lens Width (mm)	Bridge (mm)	Temple Length (mm)	Approx. Frame Width (mm)
3–5 Years	36–42	14–16	110–120	110–120
6–8 Years	42–46	15–17	120–130	115–125
9–12 Years	46–50	16–18	130–135	120–130
13–16 Years	48–52	16–19	135–140	125–135

2.2 Mandatory Technical Requirements

- Accurate dispensing strictly according to the prescribed prescription.
- Individual Interpupillary Distance (PD) measurement for each child.
- Random verification by qualified optometrists after distribution.
- Impact-resistant polycarbonate lenses (recommended).
- Plastic lenses only; glass lenses are strictly prohibited due to safety risks.
- Lightweight and flexible frames that return to shape if twisted or bent.
- Full-rim, high-quality plastic frames recommended.
- Adjustable and lightweight nose pads for long-term wear.
- Hypoallergenic materials preferred.
- Multi-color frame options suitable for both boys and girls.
- Proper facial fitting (no slipping, no cheek contact, no ear pressure).

⚠ Final supply must be based on individual measurements, not age alone.

3. Pediatric Hearing Devices (Hearing Aids)

WHO guidance, including the Priority Assistive Products List, emphasizes individualized fitting, safety, and quality standards.

3.1 Behind-The-Ear (BTE) Hearing Aids – Reference Dimensions

Age Group	Height (mm approx.)	Width (mm approx.)	Thickness (mm)	Earmold Type
3–5 Years	25–30	10–13	6–8	Soft Silicone
6–8 Years	28–32	11–14	6–9	Soft Silicone
9–12 Years	30–34	12–15	7–10	Silicone/Acrylic
13–16 Years	32–38	13–16	7–11	Acrylic/Silicone

Earmold Canal Reference (Individual Measurement Required)

Age Group	Typical Canal Diameter (mm approx.)
3–5 Years	4–6
6–8 Years	5–7
9–12 Years	6–8
13–16 Years	7–9

⚠ Ear impressions must be taken by a qualified audiologist prior to final supply.

3.2 Infrastructure Requirements (If Applicable)

Item	Minimum Requirement
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Audiometry Room	2.5 m × 2.5 m
Ambient Noise Level	Below 35 dB
Storage Cabinet Depth	300–450 mm
Programming Table Depth	Minimum 600 mm

General Vendor Compliance Requirements

All bidders must ensure:

- Compliance with WHO assistive product guidance
 - Adherence to universal design and accessibility principles
 - Child safety and ergonomic standards
 - Durable and school-appropriate design
 - Provision of warranty and after-sales support
 - Availability of adjustment and refitting services
 - Certification of materials and product safety
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Important Notice

There is no fixed device size based solely on age. Final product selection must be based on:

- Individual physical measurements
- Clinical assessment (where applicable)
- Comfort, safety, and retention
- Functional and educational requirements
- Shortlisted vendors will be bound to arrange the physical verification of the assistive devices for moving forward
- Vendor will individually check rescreened identified childrens for assistive devices in the districts before designing the assistive devices

Non-compliance with the above technical specifications may result in disqualification of the bid.

Target Procurement Volume (Indicative)

The target for student screening is **25,000 beneficiaries**, distributed as follows:

- **Khyber Pakhtunkhwa (KPK):** 10,000 beneficiaries
- **Punjab (Bahawalpur Division – BWLP):** 15,000 beneficiaries

Final quantities may vary and will be determined based on recommendations of qualified medical and health professionals after completion of the screening process.

For Further Information

Mr. Noor

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