



**MINISTRY OF EDUCATION, TERTIARY EDUCATION
SCIENCE AND TECHNOLOGY
MITD HOUSE, PHOENIX**

EXPRESSION OF INTEREST (EOI)

**SUPPLY, INSTALLATION AND COMMISSIONING OF ASSISTIVE
DEVICES FOR BLINDS AND VISUALLY IMPAIRED SPECIAL
EDUCATION NEEDS (SEN) LEARNERS**

Project Ref No: MOETEST/G/EOI 047/2024-2025

The Ministry of Education, Tertiary Education, Science and Technology (MOETEST) invites qualified suppliers to submit their Expression of Interest (EOI) for the provision of Digital Glasses and magnifying Lenses, specifically designed for visually impaired children. This initiative seeks to improve the quality of life and educational experience for children with visual impairments through innovative, child-friendly assistive technology.

1. Background

The mission of MOETEST is to achieve inclusion by creating and providing a conducive environment to ALL learners that ensures equal access to relevant and quality education and training. It aims at maximizing and optimizing inclusive practices to facilitate and achieve inclusion of ALL learners with Special Education Needs (SEN), in the Republic of Mauritius, by 2030

As part of its continued efforts to enhance learning and development opportunities for visually impaired children, MOETEST is looking to procure digital glasses and magnifying lenses that are suitable for young users. These glasses should be designed to support children with low vision, helping them to interact more effectively with their environment, both at home and in school.

3. Scope of Work

Suppliers interested in participating should be able to offer Digital glasses and/or magnifying lenses that meet the following criteria:

- **Child-Friendly Design:** Glasses that are comfortable, lightweight, and easy to use, specifically designed for children aged 10+ yrs for digital glasses and magnifying lenses that are comfortable, lightweight, and easy to use for children under 10 yrs;
- **Vision Assistance Technology:** Devices that enhance or assist with visual perception through real-time image processing, magnification, or other relevant technologies.
- **Durability:** The devices should be robust, capable of withstanding regular use by children.
- **Safety Features:** Devices should meet safety standards for children's use, including being non-toxic and impact-resistant.
- **Adjustable Settings:** Customizable features to accommodate various degrees of visual impairment and individual user preferences.

- **Compatibility with Learning Tools:** Integration with educational devices and resources to support learning in school and at home.
- **Training and Support:** Provision of user training for children, caregivers, and teachers, along with technical support.

4. Eligibility Criteria

Interested suppliers must meet the following criteria:

- Experience in providing assistive technology for visually impaired individuals, especially children.
- Proven ability to deliver high-quality, safe, and child-appropriate products.
- Ability to provide comprehensive training on the use of the assistive devices and after-sales support.
- Compliance with relevant certifications, including safety and quality standards for children's products.
- Financial and technical capacity to supply the required quantity of devices.

5. Submission Requirements

Suppliers responding to the invitation for the EOI are requested to submit the following information:

- Company profile and relevant experience, particularly in assistive technologies for children.
- Detailed description of the proposed devices, including technical specifications, features, and suitability for children.
- Evidence of successful implementation in similar projects or partnerships.
- Pricing model and warranty details.
- Proposed timeline for product delivery, training, and support.
- Relevant certifications or compliance documents for child safety standards.
- Additional services, such as user training or ongoing support.

6. Submission Deadline

The deadline for submission of the EOI is **Monday 4th November 2024 at 10.30hrs**. EOI should be submitted in a sealed envelope and should be deposited in the Quotation/Tender Box located at the address below:

**Level 3, Ministry of Education, Tertiary Education, Science and Technology MITD House,
Pont Fer, Phoenix**

Ministry of Education, Tertiary Education, Science and Technology

Date: 17 October 2024

SUPPLY, INSTALLATION AND COMMISSIONING OF DIGITAL WEARABLE ASSISTIVE DEVICES FOR BLIND AND LOW VISION LEARNERS

INTENDED LOCATIONS: Ministry of Education, Tertiary Education, Science and Technology

Each of the following requirements must be shown and highlighted in the brochure/technical specifications by the SUPPLIER. In case the information required is not found in the brochure/technical specifications, authentic documentations, signed by the manufacturer, must be submitted by the SUPPLIER to provide evidence of compliance and/or details of non-compliance and degree of deviation from the specifications.

TECHNICAL SPECIFICATIONS			
1.GENERAL DESCRIPTION		COMPLIANCE RESPONSE	
		YES	NO
1.1	SUPPLIER to specify:		
1.1.1	Make of equipment		
1.1.2	Model of equipment		
1.1.3	Country of Manufacture		
1.2	Original Certificate from manufacturer specifying the release date of the model quoted to be specified.		
1.3	Original manufacturer certified brochure including full technical specifications to be submitted. The original brochures and technical specifications must bear the seal of the manufacturer. In case the catalogue is a copy of the original, the SUPPLIER must certify the copy by writing 'Certified to be a true copy of the original seen by me' on each page of the document, signing it, dating it, printing their name under the signature and adding their occupation.		
1.4	Intended application: Digital Wearable Assistive Device to enhance visual accessibility and reading support for the Visually Impaired		

2.PRODUCT STANDARDS AND COMPLIANCE			
2.1	Should be US FDA approved or CE approved. Original documents of compliance to be submitted with manufacturer's name and model of proposed equipment.		
2.2	Equipment to conform to international safety standards.		
7. POWER SUPPLY REQUIREMENTS			
3.1	If Chargeable Device: Single phase 230 V \pm 6 % at 50 Hz \pm 1.5 %. If Charging not required: Battery-operated with AA, AAA Cells or Button Cells; OR Power Supply from connected wiring to Mobile Phone		
3.2	Power cord requirements: If Chargeable device, to be compatible with 230 V \pm 6 % at 50 Hz \pm 1.5 %.		
4. TECHNICAL SPECIFICATIONS			
4.1	Weight of Device and Eyeglasses <100 grams.		
4.2	Camera: Resolution atleast 5MP, low light performance, Video Processing Format either MJPG, MPEG, FLV or WMV		
4.3	Processing: Real time image processing		
4.4	Features: Object recognition, AI support, Document Reading (both printed and digital), Currency Notes Identification, Signage Reading		

4.5	Audio feedback to user: text-to-speech, adjustable volume		
4.6	User controls: easy accessibility on side of glasses, voice commands		
4.7	Battery (if required): Autonomy of 8-12 hours at full charge, fast charging		
4.8	Connectivity: Either Bluetooth, WIFI or wired connection with smartphones or other devices through USB Cable (USB B or USB C)		
4.9	Compatibility: To be compatible with Android OS or IOS Versions		
4.10	Comfort: Customisable fit frames and nose pieces		
4.11	Safety: Overheating protection		
4.12	Customisable settings for individual needs		
4.13	Educational tools provided for use of device		
4.14	Navigation assistance, Walk Assist		
4.15	Language of Speech: English and/or French		
4.16	The device may be designed for attachment to any eyeglasses using zip ties, enabling users to easily install and remove it as required.		
4.17	The attachment mechanism (if any) must be compatible with a range of eyeglass designs, ensuring user comfort.		
4.18	Application on the Connected Mobile Phone should be provided free-of-cost and should have both online and offline functions.		
4.19	The Application should also provide access to Open Educational Resources		

4.20	Any subscription for a User/Operator License should be provided Free of Charge, at least for a defined period.		
4.21	Application should have accessible user interface for the Visually Impaired		
5. ACCESSORIES TO BE SUPPLIED PER EQUIPMENT			
5.1	A cover, sheath or Casing to store the device safely when not in use		
5.2	Charging Cable with Power Plug, if applicable		
5.3	Connecting USB Cable to Mobile Phone (Either USB B or USB C)		
5.4	Adapters to the Connecting Cable as required		
5.5	Any other accessories necessary for the operation of the Device		
6. WARRANTY AND MAINTENANCE			
6.1	Warranty: At least two years as from date of commissioning.		
6.2	The warranty must include free of cost preventive maintenance, repair and applicable software upgrades as per manufacturer's recommendations.		
6.3	SUPPLIER to quote for 2 years post warranty maintenance contract inclusive of labour, spare parts, accessories and software upgrades.		
7. ADDITIONAL REQUIREMENTS			
7.1	SUPPLIER to state life expectancy of equipment which should be at least 4 years. Relevant documents from manufacturer should be submitted at time of bid as proof of equipment lifespan claimed		
7.2	SUPPLIER to ensure privacy of the User and that any Data Collected should comply with the regulations in the Data Protection Act.		
7.3	SUPPLIER to make provision for the regular updating of the software used with the Device and provide assistance thereof to the Users if need be.		
8. TRAINING			
8.1	Comprehensive training regarding all functionalities of the equipment to be provided to (i) teaching staff (ii) students for a duration of 1 month, as required.		

8.2	A training program should be submitted at the time of delivery.		
8.3	Access to Explanatory Videos such as Tutorials should be provided to Users and their Caregivers		
9. AFTER SALES			
9.1	Ability to supply spare parts, accessories, software upgrades and to maintain the equipment as and when required throughout the life expectancy of the equipment. Successful SUPPLIER shall be responsible to make arrangements at their end to provide continuous technical support throughout the equipment lifespan even if they lose distributorship of the equipment.		
9.3	Response time to attend to technical faults reported by end users should be at most 48 hours as from the time that the request is made.		
10. MANUALS/DOCUMENTATIONS/SOFTWARE TOOLS			
10.1	All original installation software should be provided either on DVDs or pen drives at the time of commissioning		
10.2	Full user manual to be provided in hard and soft copy.		

SUPPLY AND COMMISSIONING OF PORTABLE OPTICAL STAND MAGNIFIERS FOR LOW VISION LEARNERS

INTENDED LOCATIONS: Ministry of Education, Tertiary Education, Science and Technology

Each of the following requirements must be shown and highlighted in the brochure/technical specifications by the SUPPLIER. In case the information required is not found in the brochure/technical specifications, authentic documentations, signed by the manufacturer, must be submitted by the SUPPLIER to provide evidence of compliance and/or details of non-compliance and degree of deviation from the specifications.

TECHNICAL SPECIFICATIONS			
1.GENERAL DESCRIPTION		COMPLIANCE RESPONSE	
		YES	NO
1.1	SUPPLIER to specify:		
1.1.1	Make of equipment		
1.1.2	Model of equipment		
1.1.3	Country of Manufacture		
1.2	Original Certificate from manufacturer specifying the release date of the model quoted to be specified.		
1.3	Original manufacturer certified brochure including full technical specifications to be submitted. The original brochures and technical specifications must bear the seal of the manufacturer. In case the catalogue is a copy of the original, the SUPPLIER must certify the copy by writing 'Certified to be a true copy of the original seen by me' on each page of the document, signing it, dating it, printing their name under the signature and adding their occupation.		
1.4	Intended application: Portable Stand Magnifiers to enhance visual accessibility and reading support for the Visually Impaired (Stand magnifiers rest directly on the reading material and set the proper focal distance between the eye and the reading material.)		

2.PRODUCT STANDARDS AND COMPLIANCE			
2.1	Should be US FDA approved or CE approved. Original documents of compliance to be submitted with manufacturer's name and model of proposed equipment.		
2.2	Equipment to conform to international safety standards.		
11. POWER SUPPLY REQUIREMENTS			
3.1	Battery-operated with AA, AAA Cells or Button Cells commonly available on the local market; Or Rechargeable Battery.		
3.2	If rechargeable battery: Power Cord to be compatible with 230 V \pm 6 % at 50 Hz \pm 1.5 %.		
4. TECHNICAL SPECIFICATIONS			
4.1	Weight of Device approximately 200 grams.		
4.2	The scratch-resistant magnifying lens of size approximately 80-100mm x 60-75mm providing a sharp defined image. The lens located at the head compartment, with an attached handle not mandatory.		
4.3	Integrated lighting system providing evenly dispensed clear white light for high contrast and high brightness.		
4.4	Designed to sustain usage for several years and heavy duty wear and tear		
4.5	Maintenance-free sealed LED light source and easy to replace battery compartment.		
4.6	European Magnifying Power 3.0-5.0 X (16D)		

4.7	Easy press on/off switch		
4.8	Comfort: Comfortable to be used even if handheld or resting on the reading material		
4.9	Safety: Overheating protection		
11. ACCESSORIES TO BE SUPPLIED PER EQUIPMENT			
5.1	A cover, sheath, casing or box to store the device safely when not in use		
5.2	Charging Cable with Power Plug, if applicable		
5.4	Adapters to the Power Cord, if required, to be compatible with local electrical sockets.		
5.5	Any other accessories necessary for the operation of the Device		
12. WARRANTY AND MAINTENANCE			
6.1	Warranty: At least one year as from date of commissioning.		
6.2	The warranty must include free of cost preventive maintenance, repair as per manufacturer's recommendations.		
6.3	SUPPLIER to quote for 2 years post warranty maintenance contract inclusive of labour, spare parts, accessories and software upgrades.		
13. ADDITIONAL REQUIREMENTS			
7.1	SUPPLIER to state life expectancy of equipment which should be at least 4 years. Relevant documents from manufacturer should be submitted at time of bid as proof of equipment lifespan claimed		
7.2	SUPPLIER to state lifespan of lighting system bulb in terms of total number of operable hours		
14. TRAINING			
8.1	Comprehensive training regarding all functionalities of the equipment to be provided to (i) teaching staff (ii) students for a duration of 1 day, as required.		

8.2	A training program should be submitted at the time of delivery.		
8.3	Access to Explanatory Videos such as Tutorials should be provided to Users and their Caregivers		
15. AFTER SALES			
9.1	Ability to supply spare parts, accessories, software upgrades and to maintain the equipment as and when required throughout the life expectancy of the equipment. Successful SUPPLIER shall be responsible to make arrangements at their end to provide continuous technical support throughout the equipment lifespan even if they lose distributorship of the equipment.		
9.2	Response time to attend to technical faults reported by end users should be at most 48 hours as from the time that the request is made.		
16. MANUALS/DOCUMENTATIONS/SOFTWARE TOOLS			
10.1	Full user manual to be provided in hard and soft copy.		

**MINISTRY OF EDUCATION, TERTIARY EDUCATION, SCIENCE AND
TECHNOLOGY**

*MITD House, Phoenix.
Tel: 6015200 Fax: 6963056*

***Call for Expression of Interest for Purchase of Assistive Devices for
Blinds and Visually Impaired SEN Learners
Application Form***

1. Provide the following details

Surname (Block Letters):

Other Name (Block Letters):

Maiden Name (Block Letters):
(if applicable)

Title (Mr/Mrs/Miss):

National Identity Card No.:
(copy to be submitted)

Company Name:

Residential Address:

Email Address:

Present Occupation:

Office Address:

***Business
Registration
Number (BRN):***
(copy to be submitted)

Tel No.
Fax:

Mobile No:

2. Any other Information:

Particulars of the assistive devices, if any (to be submitted together with the EOI)

3. Bank Details: (copy to be submitted)

Provide the following bank details together with a copy of Bank Details:

Name of Account Holder:

Account Number:

Name of Bank:

Bank Address:

5. Declaration of the Applicant:

- (a) I hereby certify that all information submitted above is true, complete and accurate.
- (b) I understand that:
 - (i) application not made in the prescribed form; or
 - (ii) if information submitted is inaccurate, falsified or incomplete; or
 - (iii) failure to submit relevant details and annexures may lead to non-consideration or disqualification of the application.
- (c) I further confirm having read the details of the project in the Expression of Interest. I am agreeable to the contents thereof and shall comply with the decision of the Ministry of Education, Tertiary Education, Science and Technology.
- (d) I fully understand that the current application does not imply that the Ministry will automatically purchase copies of my book/s.

Name of Supplier: _____

Signature: _____

Date: _____

Associations (Joint Venture), if any.

Serial No.	Supplier	Acronym	Country of Incorporation (if applicable)	Joint Venture (JV)	EOI Submission Authorized By	Position

Present the rationale for and benefits of working in association (JV \) with others rather than undertaking the assignment independently (as appropriate). Describe the proposed management and coordination approach of the association and the role of each firm.

We confirm that:

- Documentation regarding our corporate structure including beneficial ownership has been attached.
- Documentation regarding our Board of Directors has been attached.
- A written agreement to associate for the purpose of this Expressions of Interest has been signed between the joint venture partners and has been attached.

Assignment Specific Qualifications and Experience

We list hereunder our project references which demonstrate our technical competence and geographical experience. The lead Supplier must submit a copy of the Certificate of Incorporation of itself and of each JV member. (Please provide relevant project information as attachment).

Technical Competence

Project References, highlighting the technical qualifications of our entity/joint venture in undertaking assignments and details of past experiences working with project authorities.

Similar Experience

Project References, highlighting the technical qualifications of our entity/joint venture in undertaking similar assignments and details of past experiences working with similar project authorities.

Project References

We list hereunder our most relevant projects to demonstrate the firm’s technical qualifications and similar experience (maximum three (3) projects).

SN	Project	Period	Client	Country	Firm
1					
2					
3					

******For Official Use only******

Copy of National Identity Card

Copy of BRN/ VAT Registration

Copy of Bank details

*Original Certificate from manufacturer specifying
the release date of the model quoted to be specified.*

*Original manufacturer certified brochure
including full technical specifications to be submitted.*

Remarks:

Date:
