

17 APRIL 2024

**REQUEST FOR
QUOTATIONS FOR VIRTUAL
REALITY EQUIPMENT**

Purpose


1.1. The RSR seeks to appoint service provider to provide with Virtual reality equipment .

2. Considerations/background

2.1. N/A

3. Scope of work / Specification

Specifications are as follows: **SPECIFICATION**

ITEMS	DESCRIPTION	IMAGE
Software Development and 3D Modelling	The service provider should assist in developing and modelling of 3D scenarios that will enhance the Education & Awareness endeavors of the Regulator. The scenarios should address the following: 1.Level Crossing Safety – The experience should be that of a driver/ passenger in a vehicle that did not stop at a level crossing and it is hit by a train.	

	<p>There should be another scenario where the vehicle stops, the train passes, and the vehicle later passes safely.</p> <p>2. Trespassing/ encroaching the rail line – The experience should be that of a person crossing the rail line illegally at an undesignated area and the oncoming train hit them.</p> <p>There should be another scenario where the person crosses at a designated level crossing safely.</p> <p>3. Train crash/ derailment. – The experience should be that of a commuter inside a derauling/ crashing train. The rationale behind is to attribute the accident to vandalism of infrastructure and stone-throwing at moving trains.</p> <p>There should be another scenario of a commuter inside a train travelling safely to their destination and disembarking at a station.</p> <p>4. Train surfing. The experience should be that of a person on top of a moving train (surfing) for a while, having fun, then suddenly get electrocuted by the overhead rail cables and falls off a train</p>	
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Virtual Reality
Glasses

6 X VR Headsets - 256GB

Product Dimensions:


265mm (L) x 127mm (H) x 196mm (W) 265mm - length assumes minimum strap setting

Product Weight: 722g

Product Capabilities:

- Full color mixed reality
 - More natural avatar expression
 - Premium optics
 - High performance hardware:
 - 256GB storage
 - 12GB RAM
 - 10 advanced VR/MR sensors to support 6 degrees of freedom inside-out SLAM tracking, as well as color mixed reality and eye/face tracking.
 - New Snapdragon XR2+ platform optimized for MR and VR to provide a powerful experience while balancing performance with thermal dissipation.
 - Backwards compatibility
 - Charging dock
 - Audio: Integrated speakers and microphone; also compatible with 3.5mm earphones via twin left/right jacks. Spatial audio support included.
 - Wifi: Wi-Fi 6E enabled.
 - Bluetooth: Bluetooth 5.2.
- Connect keyboard, mouse, or game pads.



	<ul style="list-style-type: none"> • PC based VR: Supported with Link and Air Link • Requires Wi-Fi 6E compatible network. Only available in supported Wi-Fi 6E regions 	
Touch Controllers	<p>12 X Premium touch pro controllers</p> <p>Product Dimensions:</p> <ul style="list-style-type: none"> • 130 x 70 x 62mm Weight: 153g (per controller) • Processor: Qualcomm Snapdragon 662 mobile processor per controller • Controller Tracking: SLAM with 3 camera sensors per controller • Built-in rechargeable batteries, up to 10 hours of controller battery life <p>Product Capabilities: Includes 3 cameras and a Snapdragon mobile processor per controller, for 360-degree range of motion in your virtual space. TruTouch haptic feedback, and precision pinch motion create a more intuitive VR feel so the controllers act like natural extensions of your hands.</p>	

Over-Ear Bluetooth Headphones	<p>6 X Over-Ear Bluetooth Headphones</p> <ul style="list-style-type: none"> • Pure Bass Sound • Wireless Bluetooth 5.3 technology • Customize your listening experience • Up to 76H battery life and speed charge • Hands-free calls with Voice Aware • Multi-point connections • Charging and Audio Cable Included • 1 Year Warranty 	

4. Administrative / Compliance Requirements

- 4.1. Registration on National Treasury CSD report
- 4.2. Comprehensive quotation (prices must be VAT Inclusive)
- 4.3. Tax Pin & Tax clearance certificate
- 4.4. Fully Completed and signed Standard Bidding Documents (SBD) forms documents
- 4.5. A valid BBEE certificate or sworn affidavit (on sworn affidavit indicate the day, month and year of the financial year period ie, 31 March 2022)
- 4.6. Valid company registration documentation that are issued by Companies & Intellectual Property Commission (CIPC)
- 4.7. A Copy of the identity document of the company owner(s)
- 4.8. Valid Medical Certificate

- 4.9. Valid South African Social Security Agency (SASSA) registration (**Where applicable**)
- 4.10. Valid National Council for Persons with Physical Disability in South Africa registration (NCPDSA)

Failure to submit valid documents listed above (No - 4.5, 4.6, 4.7, 4.8, 4.9, 4.10) for proof of claim specific goals as stipulated in Section 6 below will lead to the service provider not being awarded points for specific goal.

5. Evaluation 80/20 Preference Point System

- 5.1. The price quotations will be evaluated in accordance with the pre-scripts of the Preferential Procurement Policy Framework Act (PPPFA) and its regulations, in particular Preference Procurement Regulation 2022 which stipulate **80/20 preference point system for acquisition of goods or services with Rand value equal to or below R50 million (inclusive of all applicable tax).**
- 5.2. **A maximum of 80 points for price and 20 points for the specific goal specified on the request for quotation may be awarded to a Service Provider.**
- 5.3. **Points for the specific goal will be awarded as specified on the table below:**

NO	SPECIFIC GOALS	PREFERENCE POINT (OUT OF 20)	PROOF OF CLAIM
1	An Exempt Micro Enterprises (EME) or Qualifying Small Enterprise (QSE) which is at least 51% owned by black people	10	<ul style="list-style-type: none"> • Copy of the identity document of the owner(s) • A valid SANAS accredited BBEE certificate or a valid BBEE sworn affidavit (whichever is applicable) • Central Supplier Database (CSD) report • Valid company registration documentation that are issued by Companies & Intellectual Property Commission (CIPC)
2	An Exempt Micro Enterprises (EME) or Qualifying Small	5	<ul style="list-style-type: none"> • Copy of the identity document of the owner(s)

	Enterprise (QSE) which is at least 51% owned by black women		<ul style="list-style-type: none"> • A valid SANAS accredited BBEE certificate or a valid BBEE sworn affidavit (whichever is applicable) • Central Supplier Database (CSD) report • Valid company registration documentation that are issued by Companies & Intellectual Property Commission (CIPC)
3	An Exempt Micro Enterprises (EME) or Qualifying Small Enterprise (QSE) which is at least 51% owned by youth	3	<ul style="list-style-type: none"> • Copy of the identity document of the owner(s) • A valid SANAS accredited BBEE certificate or a valid BBEE sworn affidavit (whichever is applicable) • Central Supplier Database (CSD) report • Valid company registration documentation that are issued by Companies & Intellectual Property Commission (CIPC)

4	An Exempt Micro Enterprises (EME) or Qualifying Small Enterprise (QSE) which is at least 51% owned	2	<ul style="list-style-type: none"> • Copy of the identity document of the owner(s) • A valid SANAS accredited BBEE certificate or a valid BBEEE sworn affidavit (whichever is applicable)
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	by person(s) with disabilities		<ul style="list-style-type: none"> • Central Supplier Database (CSD) report • Valid company registration documentation that are issued by Companies & Intellectual Property Commission (CIPC) • Valid Medical Certificate • Valid South African Social Security Agency (SASSA) registration (Where applicable) • Valid National Council for Persons with Physical Disability in South Africa registration (NCPDOSA)
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5.4. **For Points to be awarded for the specific goals the proof for the claim for such goal must be submitted.**

6. Technical Enquiries

6.1. SCM: Ompha Kutama

ompha.kutama@rsr.org.za /087 284 6655

6.2. Project Manager: Godwill Malete

godwillm@rsr.org.za / 087 284 6563

7. Closing Date and Time for responses to this request for quotation

7.1. The request will be **closed on the 23 April 2024 at 15h00**. Responses may be emailed to ompha.kutama@rsr.org.za