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KENYA RAILWAYS
right on track

DATED: JUNE 9,2026

SPECIFIC PROCUREMENT NOTICE

Country	REPUBLIC OF KENYA
Name of project	KENYA URBAN MOBILITY IMPROVEMENT PROJECT (KUMIP)
Credit No	V4940
Assignment Title	PURCHASE OF 24 DIESEL MULTIPLE UNITS (DMUs) AIR COMPRESSORS
Reference	KE-KRC-549541-GO-RFB
RFP No.	KR/SCM/WB/006/2025-2026

ADDENDUM 3 – ADDITIONAL CLARIFICATIONS AND EXTENSION OF SUBMISSION DATE

S. No.	Document Reference	Bidder's Query	KR Response
1.	Paragraph 7 of the Request for Expression of Interest (Consulting Services-Firms Selection)	Request for extension of date of submission by two (2) weeks	The date of submission under paragraph 7 of Request for Bid is amended to **25th June, 2026 at 2:00PM (EAT).**
2.	ITB Clause 22.1	Request for extension of date of submission by two (2) weeks	ITB 22.1 is amended as follows; For **Bid submission purposes** only, the Purchaser's address is: Attention: General Manager-Supply Chain Management, Street Address: Kenya Railways Headquarters, Haile Selassie Avenue Floor/ Room number: Block C, Ground Floor City: Nairobi ZIP Code: 00100 Country: Kenya

THE WORLD BANK

S. No.	Document Reference	Bidder's Query	KR Response
			The deadline for Bid submission is: Date: **25th June 2026** Time: **2.00 PM (EAT)** Bidders **shall not** have the option of submitting their Bids electronically. The electronic bidding submission procedures shall be: **N/A**
3.	**ITB 25.1**	Request for extension of date of submission by two (2) weeks	The ITB 25.1 is amended as follows; The Bid opening shall take place at: Street Address: Kenya Railways Headquarters, Haile Selassie Avenue Floor/Room number: Block C, 1st Floor, Satima Conference Room City: Nairobi Country: Kenya **Date: 25th June 2026** **Time: 2.00 PM (EAT)**
4.	**ITB 36.1**	Request for extension of date of submission by two (2) weeks	The ITB 36.1 is amended as follows; The currency that shall be used for Bid evaluation and comparison purposes to convert at the selling exchange rate all Bid prices expressed in various currencies into a single currency is: Kenya Shilling (KES) The source of exchange rate shall be: Central Bank of Kenya **The date for the exchange rate shall be: 25th June 2026**
S.No.	**Clause Ref. in RFP**	**Query and Rationale**	**KR Response**
5.	Compressor Installation Arrangement	* Exact installation location within the DMU * Available installation space and dimensional constraints	DMU Underframe between the alternator and the diesel engine. LXWXH – ≤778mm X ≤600mm X ≤340mm

S.No.	Clause Ref. in RFP	Query and Rationale	KR Response
		* Preferred mounting orientation	Horizontal, consistent with existing installation. No change without KRC written approval.
		* Accessibility requirements for servicing and maintenance	All routine maintenance tasks (oil change, filter service, inspection) must be performable without removing the unit from the vehicle. Access is from below the underframe.
6.	Ambient and Environmental Conditions	* Expected ambient operating temperature range	Ambient temperature — minimum0°C Ambient temperature — nominal 25°C Ambient temperature — maximum 50°C
		* Humidity levels	Relative humidity - 50–80% RH (tropical climate — Nairobi and operating corridor). Unit must be rated for continuous operation in high-humidity conditions.
		* Dust and contamination exposure	Dust and contamination - Underframe environment: trackside dust, ballast debris, light moisture ingress. Air intake filter rated for high-dust environments must be included.
		* Vibration and shock conditions at the installation area	Vibration and shock - Must comply with IEC 61373:2010 Category 1, Class B (body-mounted). Supplier to provide test certification.
		IP rating	IP rating (enclosure) - Minimum IP54 for all electrical components exposed to the underframe environment.
		Dryer	The DMU has an air dryer.
7.	Compressor Drive System	The specification indicates that the compressor shall be hydraulically driven through a coupling arrangement.	
		* Whether the hydraulic motor is within the supply	The motor is within the SUPPLIER's supply scope — KRC will not supply separately.

S.No.	Clause Ref. in RFP	Query and Rationale	KR Response
		scope or to be provided by KRC	90–120 bar nominal. Unit must operate satisfactorily across this range.
		* Hydraulic motor technical parameters	Maximum 120 bar hydraulic pressure
		* Available hydraulic pressure and flow characteristics	
		* Coupling interface details and dimensional requirements	Supplier to propose. Details of coupling type, dimensions, and torque limits required.
		* Existing drive train arrangement drawings	See attachment 1.
		*Speed	The compressor is operated at a constant speed.
8.	Air Delivery Requirements	* Required compressor air flow rate	Minimum flow rate at 1500 rpm, 10 kg/cm² - ≥1335l/min (measured per ISO 1217:2009) Target flow rate at 1500 rpm - ≥1695l/min (measured per ISO 1217:2009).
		* Operating pressure	Nominal delivery pressure - 10kg/cm² Maximum working pressure - 12kg/cm²
		* Duty cycle	Minimum 14 hours/day continuous. Up to 100% duty cycle preferred.
		* Number of pneumatic consumers per DMU	Compressor to meet flow rate and working pressure.
		* Air reservoir/tank capacities	Maximum pressure of 11kg/cm3 and volume of 50liters
		*Type of compressor	

S.No.	Clause Ref. in RFP	Query and Rationale	KR Response
			Screw type preferred. Piston and rotary vane are also considered if they meet the specifications.
9.	Testing and Compliance Requirements	The tender references standards including ISO 1217, ISO 2151, and IEC 61373. Kindly clarify: * Required acceptance criteria after installation Scope of Factory Acceptance Tests (FAT) * Scope of Site Acceptance/Validation tests	i) Installed performance - Flow rate and pressure verified under loaded train operational conditions. ii) Noise (in-situ) - ≤70 dB(A) measured in the installed underframe position. iii) Continuous operation run - Minimum 4-hour uninterrupted run with no faults, leaks, or thermal trips. iv) Interface compatibility - Hydraulic connections, electrical interfaces, and mechanical mounting confirmed serviceable. i) Flow rate verification - ≥1335 l/min at 1500 rpm, 10 kg/cm² (ISO 1217 : 2009) ii) Pressure test - Unit must sustain 12 kg/cm² without leakage or safety valve activation below set point. iii) Noise level - ≤70 dB(A) at 1 m, nominal speed and pressure (ISO 2151) iv) Thermal performance - No over-temperature trip during 2-hour continuous run at 50 °C ambient simulation. v) Safety devices - Thermostat, safety valve, consent-to-start switch — all must demonstrate correct operation. vi) Hydraulic interface - No leaks at rated pressure. Port connections verified against approved drawing. i) Installed performance - Flow rate and pressure verified under loaded train operational conditions. ii) Noise (in-situ) - ≤70 dB(A) measured in the installed underframe position. iii) Continuous operation run - Minimum 4-hour uninterrupted run with no faults, leaks, or thermal trips.

S.No.	Clause Ref. in RFP	Query and Rationale	KR Response
			iv) Interface compatibility - Hydraulic connections, electrical interfaces, and mechanical mounting confirmed serviceable.
		* Testing responsibilities after installation	KR to schedule for a line test and provide technicians to participate in the test with the supplier and provide an acceptance or rejection report.
		* Applicable test conditions for installed operation	KR shall conduct joint line test and commissioning together with the bidder on board the DMU. For this commissioning test, the line test shall be conducted from Nairobi Central Station to Embakasi Village and back. The test will be done after 10:00 EAT hrs and not later than 14:00 EAT hrs. Signed commissioning certificate shall be issued for each successful line test.
10.	Existing System Information	* Existing compressor model details	Wabco 241 VC compressors - "Chabay-Westinghouse" type with 4 cylinders arranged in a two-stage "V" arrangement
		* Existing hydraulic system drawings	See Attachment 2
		* Existing interface dimensions	See Attachment 2
		* Any available layout or assembly drawings	See Attachment 1

Benedict Kiema
GENERAL MANAGER-SUPPLY CHAIN MANAGEMENT

Encl: *Attachment 1 (Any available layout or assembly drawings), Attachment 2 (Existing interface dimensions, Existing hydraulic system drawings)*